Meridian Solar Farm

EN010169

Volume 6

Environmental Statement

6.3 ES Appendix 16-2: Glint and Glare Assessment - Part 1 Report and Annexes A to M

APFP Regulation 5(2)(a)

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

March 2026

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1. Executive Summary

1.1.1. This assessment considers the potential impacts of glint and glare from the Meridian Solar Farm (hereafter referred to as the 'Scheme') on ground-based receptors such as roads and residential dwellings as well as aviation assets. A 1km study area around the Solar Development Area is considered adequate for the assessment of ground-based (residential and road) receptors, whilst a 30km study area is chosen for aviation receptors. Within the ground-based study areas of the Solar Development Area, there are 207 residential receptors, 306 road receptors and 48 bridleway receptors that were considered. No rail receptors were located within the 1km study area. As per the methodology section, where there are several residential receptors within close proximity, a representative dwelling or dwellings is/are chosen for full assessment as the impacts will not vary to any significant degree. Where small groups of receptors have been evident, the receptors on either end of the group have been assessed in detail. 24 residential, 36 road receptors and eight bridleway receptors were dismissed as they are located within the no reflection zones (see paragraph 5.1.2 and 5.1.3). 29 aerodromes are located within the 30km study area; however, only Fenland Airfield and Crowland Airfield required detailed assessments as the Solar Development Area is located within their respective safeguarding buffer zones. The other 27 aerodromes did not require a detailed assessment due to their size and/or orientation in relation to the Solar Development Area.

1.1.2. Geometric analysis was conducted at 71 individual residential receptors, 131 road receptors and 24 bridleway receptors for the Land Parcels A, B and C and 112 individual residential receptors, 139 road receptors and 16 bridleway receptors for the Land Parcel D Solar Development Area Solar Development Areas. Geometric analysis was also conducted at eight runway approach paths and one Air Traffic Control Tower (ATCT) at Crowland Airfield and Fenland Airfield.

1.1.3. The assessment of Land Parcels A, B and C concludes that:

- Solar reflections are theoretically possible at 15 of the 71 residential receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at one receptor, **Low** at 14 receptors and **None** at 56 receptors. Upon reviewing the actual visibility of the receptors, considering existing vegetation, man-made infrastructure, location of windows and sun position, impacts reduce to **Low** at seven receptors and to **None** at the remaining 64 receptors.

- Solar reflections are theoretically possible at 98 of the 131 road receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at 63 receptors, **Low** at 35 receptors and **None** at the remaining 33 receptors. Upon reviewing the actual visibility of the receptors, considering existing vegetation, man-made infrastructure, and sun position, impacts reduce to **Low** at 40 receptors and to **None** at the remaining 91 receptors.
- Solar reflections are theoretically possible at 24 of the 24 bridleway receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at 17 receptors and **Low** at seven receptors. Upon reviewing the actual visibility of the receptors, considering existing vegetation, man-made infrastructure, and sun position, impacts reduce to **Low** at 13 receptors and to **None** at the remaining 11 receptors.
- Four runway approach paths and one ATCT were assessed in detail at Fenland Airfield and four runway approach paths were assessed in detail at Crowland Airfield. No glare was predicted to impact the runway approach paths or the ATCT at Fenland Airfield or the Runway 21 approach path at Crowland Airfield. Yellow glare and green glare were predicted to impact the Runway 03, 08 and 26 approach paths at Crowland Airfield. Upon reviewing the operating hours of the airfield, the times of day when glint and glare impacts are predicted to occur, the historical weather during the months of predicted impacts, and typical mitigation techniques used by pilots when flying in the direction of the sun, impacts upon these runway approach paths reduce to **Low** and **acceptable.**

1.1.4. The assessment of Land Parcel D concludes that:

- Solar reflections are theoretically possible at 67 of the 112 residential receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at six receptors, **Medium** at 12 receptors, **Low** at 49 receptors and **None** at 45 receptors. Upon reviewing the actual visibility of the receptors, considering existing vegetation, man-made infrastructure, location of windows and sun position, impacts reduce to **Low** at 20 receptors and to **None** at the remaining 92 receptors.
- Solar reflections are theoretically possible at 126 of the 139 road receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at 100 receptors, **Low** at 26 receptors and **None** at the remaining 13 receptors. Upon reviewing the actual visibility of the receptors, considering existing vegetation, man-made infrastructure, and sun

position, impacts reduce to **Low** at 58 receptors and to **None** at the remaining 81 receptors.

- Solar reflections are theoretically possible at 16 of the 16 bridleway receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at 14 receptors and **Low** at two receptors. Upon reviewing the actual visibility of the receptors, considering existing vegetation, man-made infrastructure, and sun position, impacts reduce to **Low** at 16 receptors.

1.1.5. Four runway approach paths and one ATCT were assessed in detail at Fenland Airfield and four runway approach paths were assessed in detail at Crowland Airfield. No glare was predicted to impact the Runway 26, 18 and 36 approach paths or the ATCT at Fenland Airfield or the Runway 21 and 26 approach paths at Crowland Airfield. Only green glare was predicted to impact the Runway 08 approach path at Fenland Airfield and the Runway 03 and 08 approach paths at Crowland Airfield. Green glare is an **acceptable** impact upon pilots approaching runways. Therefore, the impact upon Crowland Airfield is **Low and acceptable.** The predicted impacts occur outside the operational hours of Fenland Airfield, and therefore the impact upon Fenland Airfield is **None**.

1.1.6. Mitigation measures are not required due to all impacts being **Low** or **None**.

1.1.7. The effects of glint and glare and their impact on local receptors has been analysed in detail and there is predicted to be only **Low** or **None impacts**, and therefore **No Significant Effects**.

2. Introduction

2.1. Background

2.1.1. Meridian Solar Farm Limited (the 'Applicant') is proposing a new solar farm and overhead line connection to the planned National Grid substation at Weston Marsh, near Spalding in Lincolnshire (the 'Scheme'). Neo Environmental Ltd has been appointed by the Applicant to undertake a Glint and Glare Assessment for the Scheme.

2.2. Scheme Description

2.2.1. The Scheme would comprise the construction, operation (including maintenance) and decommissioning of a solar PV electricity generating station with associated infrastructure, including co-located Battery Energy Storage System (BESS), Inter-Array Connections to link the land parcels that form the Solar Development Areas, and an up to 13km overhead line Grid Connection (with one short undergrounded section) which would run north towards a point of connection (PoC) at the proposed Weston Marsh B National Grid Electricity Transmission (NGET) substation, to the north of Weston.

2.2.2. The Solar PV generating station, associated BESS, on-site substations and other associated infrastructure would be located within four land parcels (A, B, C and D) referred to collectively as the Solar Development Area, as shown in **ES Figure 1-1: Scheme Location** (Doc Ref. 6.2).

2.2.3. The Inter-Arrays would be the areas within which 132kV connection cables (the 'Inter-Array Connections') would link the land parcels of the Solar Development Area. The configuration of the Inter-Array Connections (132kV) would comprise underground cabling between Land Parcels A and B ('the Underground Inter-Array') and an overhead line between Land Parcels C and D ('the Overground Inter-Array').

2.2.4. The Grid Connection Route would be the area between the Solar Development Area and the National Grid Weston Marsh B Substation in which a 400kV overhead line (the 'Grid Connection') would be located. There is one section where the Grid Connection would route underground to avoid conflicts with an existing 132kV overhead line. Cable Sealing End Compounds (CSECs) would join the proposed underground cable at that section with the proposed overhead line.

2.2.5. The Scheme includes the construction, operation and decommissioning of the infrastructure listed above. The Scheme will have an operational life of 40 years from the date of final commissioning.

2.2.6. A full description of the Scheme is set out in **ES Chapter 2: The Scheme** (Doc Ref. 6.1).

2.3. Site Description

2.3.1. The area of land within the Order Limits of the Scheme (hereafter referred to as the 'Site') is shown on **ES Figure 1-1: Scheme Location** (Doc Ref. 6.2). The Site constitutes the total land area under consideration for the Scheme, including the Solar Development Area, Inter-Array Connections and Grid Connection Route. The central grid reference of the Site is TF 28970 13928.

2.3.2. A summary of the areas for each part of the Scheme is provided below:

- Solar Development Area - Land Parcel A: 197ha.
- Solar Development Area - Land Parcel B: 335ha.
- Solar Development Area - Land Parcel C: 205ha.
- Solar Development Area - Land Parcel D: 330ha.
- Underground Inter-Array between Land Parcel A & B: 15ha.
- Overhead Inter-Array between Land Parcel C & D: 46ha.
- Grid Connection Route: 510ha.
- Site (total): 1,616ha[1].

2.3.3. The Site is located within south-east Lincolnshire, north of Crowland and east of Spalding. The surrounding area is characterised by arable land and surrounding towns, villages, and hamlets.

Scope of Report

2.3.4. Although there may be small amounts of glint and glare from the metal structures associated with the solar PV panels, this is not likely to be significant and the main

[1] Note the sum of parts for the areas of the Scheme exceeds the total area of the Order Limits due to an overlap of the Grid Connection Route with Solar Development Area Land Parcel B.

source of glint and glare will be from the solar PV panels themselves and this will be the focus of this assessment. The majority of the Grid Connection consists of overhead lines, which do not include reflective surfaces, one section of the Grid Connection is underground removing potential for glint and glare effects. The Inter-Array Connection comprises underground cabling between land parcels A and B and an overhead line between Land Parcels C and D which also do not include reflective surfaces. Therefore, the Grid Connection and Inter-Array Connection are not considered further in this assessment.

2.3.5. For the purposes of this report, the Scheme has been assessed as two separate sites due to the distance between the solar panel areas in Land Parcels A, B and C (west), and Land Parcel D (east). Cumulative effects between these parcels have been dismissed as the distance between them is greater than 2km, and the study areas for each parcel do not overlap. For the purposes of glint and glare, amenity is typically only considered for residential properties, as residential amenity is specifically mentioned in the local planning policies. Additionally, pedestrian users of public rights of way (PRoWs) have been scoped out of the assessment as there will be no adverse safety risk from glint and glare impacts. Pedestrians are transient receptors who can avoid or mitigate glare impacts in the same way they would for direct sun glare. Unlike horse riders, pedestrians are not subject to safety risks from glint and glare. Impacts on bridleway users have been considered within the assessment.

2.3.6. Solar PV panels are designed to absorb as much light as possible and not to reflect it. However, glint can be produced as a reflection of the sun from the surface of the solar PV panel. This can also be described as a momentary flash. This may be an issue due to visual impact and viewer distraction on ground-based receptors and on aviation.

2.3.7. Glare is significantly less intense in comparison to glint and can be described as a continuous source of bright light, relative to diffused lighting. This is not a direct reflection of the sun, but a reflection of the sky around the sun.

2.3.8. This report focusses on the effects of glint and glare and its impact on local receptors and will be supported with the following Figures and Annexes.

- Annex A: Figures
  - Figure 1: East Residential Receptor Map
  - Figure 1.A: East Residential Map Sheet A
  - Figure 1.B: East Residential Map Sheet B

- Figure 2: East Road Receptor Map
- Figure 2.A: East Road Map Sheet A
- Figure 2.B: East Road Map Sheet B
- Figure 3: East Bridleway Receptor Map
- Figure 4: West Residential Receptor Map
- Figure 4.A: West Residential Map Sheet A
- Figure 4.B: West Residential Map Sheet B
- Figure 5: West Road Receptor Map
- Figure 6: West Bridleway Receptor Map
- Figure 7: Panel Area Labels
- Figure 8: Fenland Airfield Aerodrome Chart
- Figure 9: Crowland Airfield Aerodrome Chart

- Annex B: Residential Receptor Glare Results East Group A 10 Degrees
- Annex C: Residential Receptor Glare Results East Group B 10 Degrees
- Annex D: Residential Receptor Glare Results East Group A 25 Degrees
- Annex E: Residential Receptor Glare Results East Group B 25 Degrees
- Annex F: Road Receptor Glare Results East Group A 10 Degrees
- Annex G: Road Receptor Glare Results East Group B 10 Degrees
- Annex H: Road Receptor Glare Results East Group A 25 Degrees
- Annex I: Road Receptor Glare Results East Group B 25 Degrees
- Annex J: Bridleway Receptor Glare Results East 10 Degrees
- Annex K: Bridleway Receptor Glare Results East 25 Degrees
- Annex L: Aviation Receptor Glare Results East 10 Degrees
- Annex M: Aviation Receptor Glare Results East 25 Degrees
- Annex N: Residential Receptor Glare Results West 10 Degrees
- Annex O: Residential Receptor Glare Results West 25 Degrees
- Annex P: Road Receptor Glare Results West Group A 10 Degrees
- Annex Q: Road Receptor Glare Results West Group B 10 Degrees

- Annex R: Road Receptor Glare Results West Group A 25 Degrees
- Annex S: Road Receptor Glare Results West Group B 25 Degrees
- Annex T: Bridleway Receptor Glare Results West 10 Degrees
- Annex U: Bridleway Receptor Glare Results West 25 Degrees
- Annex V: Aviation Receptor Glare Results West 10 Degrees
- Annex W: Aviation Receptor Glare Results West 25 Degrees
- Annex X: Visibility Assessment Evidence
- Annex Y: Solar Module Glare and Reflectance Technical Memo.

2.4. Definitions

2.4.1. This study examined the potential hazard and nuisance effects of glint and glare in relation to ground-based receptors, which includes the occupants of surrounding dwellings as well as road users. The US Federal Aviation Administration (FAA) in their "Technical Guidance for Evaluating Selected Solar Technologies on Airports"[2] have defined the terms 'Glint' and 'Glare' as meaning:

- Glint – "A momentary flash of bright light";
- Glare – "A continuous source of bright light".

2.4.2. Glint and glare are essentially the unwanted reflection of sunlight from reflective surfaces. This study used a multi-step process of elimination to determine which receptors have the potential to experience the effects of glint and glare. It then examined, using a computer-generated geometric model, the times of the year and the times of the day such effects could occur. This is based on the relative angles between the sun, the panels, and the receptor throughout the year.

2.4.3. The ocular impact upon a receptor will be assessed and used as the basis of categorising the magnitude of impact at each receptor. For the avoidance of doubt, specular impact is a term that refers to the impact produced by the PV panels, whilst ocular impact is the impact observed by the observer.

[2] Federal Aviation Administration (FAA), Technical Guidance for Evaluating Selected Solar Technologies on Airport, available: https://www.sandiegocounty.gov/content/dam/sdc/pds/ceqa/Soitec-Documents/Final-EIR-Files/references/rtcref/ch3.1.4/2014-12-19_FAA2010_OPT_Part1.pdf [Accessed 12/09/2025]

2.5. General Nature of Reflectance from Photovoltaic Panels

2.5.1. In terms of reflectance, solar PV panels are by no means a highly reflective surface. They are designed to absorb sunlight and not to reflect it. Nonetheless, solar PV panels have a flat polished surface that omit 'specular' reflectance rather than a 'diffuse' reflectance, which would occur from a rough surface. Several studies have shown that solar PV panels (as opposed to Concentrated Solar Power) have similar reflectance characteristics to water, which is much lower than the likes of glass, steel, snow and white concrete by comparison (See **Annex Y**). Similar levels of reflectance can be found in rural environments from the likes of shed roofs and the lines of plastic mulch used in cropping. In terms of the potential for reflectance from solar PV panels to cause hazard and/ or nuisance effects, there have been a number of studies undertaken in respect of schemes in close proximity to airports. The most recent of these was compiled by the Solar Trade Association (STA) in April 2016[3] and used a number of case studies and expert opinions, including that from Neo-Environmental. The summary of this report states that "the STA does not believe that there is cause for concern in relation to the impact of glint and glare from solar PV on aviation and airports…".

2.6. Time Zones / Datums

2.6.1. Locations in this report are given in Eastings and Northings using the 'British National Grid' grid reference system unless otherwise stated.

2.6.2. England uses British Summer Time (BST, UTC + 01:00) in the summer months and Greenwich Mean Time (UTC+0) in the winter period. For the purposes of this report all time references are in GMT.

[3] Solar Trade Association (STA), Impact of solar PV on aviation and airports, available at: https://docs.planning.org.uk/20210222/90/QNMZQ4EXINS00/i4uv1hvoemy3m7f5.pdf [Accessed 12/09/2025]

3. Legislation, Policy and Guidance

3.1.1. There is no legislation and limited guidance or policy available in the UK at present in relation to the assessment of glint and glare from Scheme developments. Available UK guidance is reviewed below, in addition to references to international guidance where deemed suitable.

3.2. National Policy Statement for Renewable Energy Infrastructure (EN-3)[4]

3.2.1. Section 2.10 of the EN-3 provides the following commentary in relation to Glint and Glare impacts:

"2.10.94 Solar panels are specifically designed to absorb, not reflect, irradiation. However, solar panels may reflect the sun's rays at certain angles, causing glint and glare. Glint is defined as a momentary flash of light that may be produced as a direct reflection of the sun in the solar panel. Glare is a continuous source of excessive brightness experienced by a stationary observer located in the path of reflected sunlight from the face of the panel. The effect occurs when the solar panel is stationed between or at an angle of the sun and the receptor.

2.10.95 Applicants should map receptors qualitatively to identify potential glint and glare issues and determine if a glint and glare assessment is necessary as part of the application.

2.10.96 When a quantitative glint and glare assessment is necessary, applicants are expected to consider the geometric possibility of glint and glare affecting nearby receptors, and provide an assessment of potential impact and impairment based on the angle and duration of incidence and the intensity of the reflection.

2.10.97 The extent of reflectivity analysis required to assess potential impacts will depend on the specific project site and design. This may need to account for 'tracking' panels if they are proposed as these may cause differential diurnal and/or seasonal impacts.

[4] UK Government, National Policy Statement for renewable energy infrastructure (EN-3). Available at:https://assets.publishing.service.gov.uk/media/695d1368b5c46330350ed9a2/national-policy-statement-for-renewable-energy-infrastructure-en-3-web-accessible.pdf [Accessed 07/01/2026]

2.10.98 When a glint and glare assessment is undertaken, the potential for solar PV panels, frames and supports to have a combined reflective quality may need to be assessed, although the glint and glare of the frames and supports is likely to be significantly less than the panels."."

"2.10.126 Applicants should consider using, and in some cases the Secretary of State may require, solar panels to comprise of (or be covered with) anti-glare/anti-reflective coating with a specified angle of maximum reflection attenuation for the lifetime of the permission.

2.10.127 Applicants may consider using screening between potentially affected receptors and the reflecting panels to mitigate the effects.

2.10.128 Applicants may consider adjusting the azimuth alignment of, or changing the elevation tilt angle of, a solar panel within the economically viable range, to alter the angle of incidence. In practice this is unlikely to remove the potential impact altogether but in marginal cases may contribute to a mitigation strategy."

"2.10.150 Solar PV panels are designed to absorb, not reflect, irradiation. However, the Secretary of State should assess the potential impact of glint and glare on nearby homes, motorists, public rights of way, and aviation infrastructure (including aircraft departure and arrival flight paths).

2.10.151 Whilst there is some evidence that glint and glare from solar farms can be experienced by pilots and air traffic controllers in certain conditions, there is no evidence that glint and glare from solar farms results in significant impairment on aircraft safety. Therefore, unless a significant impairment can be demonstrated, the Secretary of State is unlikely to give any more than limited weight to claims of aviation interference because of glint and glare from solar farms."

3.2.2. This Glint and Glare Assessment has taken into account impacts upon nearby homes, motorists, and aviation receptors. Due to assuming complete coverage in the area where solar panels are located within the Solar Development Area, glint and glare impacts from frames and supports are considered within this assessment.

3.3. Planning Practice Guidance (PPG) on Renewable and Low Carbon Energy (UK)[5]

3.3.1. Paragraph 013 (Reference ID: 5-013-20150327) sets out planning considerations that relate to large scale ground-mounted solar PV farms. This determines that the deployment of large-scale solar farms can have a negative impact on the rural environment, particularly in undulating landscapes. However, the visual impact of a well-planned and well-screened solar farm can be properly addressed within the landscape if planned sensitively. Considerations to be taken into account by local planning authorities are:

"The proposal's visual impact, the effect on landscape of glint and glare and on neighbouring uses and aircraft safety;

The extent to which there may be additional impacts if solar arrays follow the daily movement of the sun."

3.4. Planning Guidance for the Development of Large-Scale Ground Mounted Solar PV Systems[6]

3.4.1. As outlined within the BRE document 'Planning Guidance for the Development of Large-Scale Ground Mounted Solar PV Systems':

"Glint may be produced as a direct reflection of the sun in the surface of the solar PV panel. It may be the source of the visual issues regarding viewer distraction. Glare is a continuous source of brightness, relative to diffused lighting. This is not a direct reflection of the sun, but rather a reflection of the bright sky around the sun. Glare is significantly less intense than glint.

Solar PV panels are designed to absorb, not reflect, irradiation. However, the sensitivities associated with glint and glare, and the landscape/ visual impact and the potential impact on aircraft safety, should be a consideration. In some instances, it may be necessary to seek a glint and glare assessment as part of a planning

[5] MHCLG (2015) Planning Practice Guidance Renewable and Low Carbon Energy. Available at: https://www.gov.uk/guidance/renewable-and-low-carbon-energy [Accessed 12/09/2025]

[6] BRE (2013) Planning Guidance for the Development of Large Scale Ground Mounted Solar PV Systems. Available at: https://www.bre.co.uk/filelibrary/pdf/other_pdfs/KN5524_Planning_Guidance_reduced.pdf [Accessed 12/09/2025]

application. This may be particularly important if 'tracking' panels are proposed as these may cause differential diurnal and/or seasonal impacts.

The potential for solar PV panels, frames and supports to have a combined reflective quality should be assessed. This assessment needs to consider the likely reflective capacity of all of the materials used in the construction of the solar PV farm."

3.4.2. This Glint and Glare Assessment has taken into account impacts upon nearby homes, motorists, and aviation receptors. Due to assuming complete coverage in the area where solar panels are located within the Solar Development Area, glint and glare impacts from frames and supports are considered within this assessment.

3.5. The Air Navigation Order 2016[7]

3.5.1. There is little guidance on the assessment of glint and glare from solar farms with regards to aviation safety. The Civil Aviation Authority (CAA) has published, now cancelled, interim guidance on 'Solar Photovoltaic Systems', they also intended to undertake a review of the potential impacts of solar PV developments upon aviation, however this is yet to be published. Though the guidance was cancelled and removed from the CAA website, it is still relevant to the assessment of glint and glare from solar farms in relation to aviation safety.

3.5.2. The interim guidance identified the key safety issues with regards to aviation, including "glare, dazzling pilots leading them to confuse reflections with aeronautical lights." It was outlined that solar farm developers should be aware of the requirements to comply with the Air Navigation Order (ANO), published in 2016 and amended in 2022. In particular, developers should be cognisant of the following articles of the ANO, including:

- ***Article 240*** *– Endangering safety of an aircraft – "A person must not recklessly or negligently act in a manner likely to endanger an aircraft, or any person in an aircraft."*
- ***Article 224*** *- Lights liable to endanger – "A person must not exhibit in the United Kingdom any light which*:

[7] CAA (2016) Air Navigation: The Order and Regulations. Available at: https://www.legislation.gov.uk/uksi/2016/765/contents [Accessed 12/09/2025]

- *a) by reason of its glare is liable to endanger aircraft taking off or from landing at an aerodrome; or*
- *b) by reason of its liability to be mistaken for an aeronautical ground light liable to endanger aircraft…"*

- ***Article 225** – Lights which dazzle or distract – "A person must not in the United Kingdom direct or shine any light at any aircraft in flight so as to dazzle or distract the pilot of the aircraft."*

3.5.3. Relevant studies generally agree that there is potential for glint and glare from photovoltaic panels to cause a hazard or nuisance for surrounding receptors, but that the intensity of such reflections is similar to that emanating from still water. This is considerably lower than for other manmade materials such as glass, steel or white concrete (SunPower – 2009 (**Annex Y**)).

3.5.4. These Articles are considered within the assessment of glint and glare for the Scheme.

3.6. CAA – CAP738: Safeguarding of Aerodromes 3rd Edition[8]

3.6.1. In 2003, the CAA first introduced the CAP738 document to help provide advice and guidance to ensure aerodrome safeguarding. Subsequently, there have been two updates to this document in 2006 and 2020.

3.6.2. The latest edition of CAP738 outlines that the purpose of the document is to protect an aerodrome and to ensure safe operation, specifically stating: "*Its purpose is to protect: Aircraft from the risk of glint and glare e.g. solar panels*."

3.6.3. Within the section named as "Appendix C – Solar Photovoltaic Cells", the following is stated:

"Policy 1. In 2010 the CAA published interim guidance on Solar Photovoltaic Cells (SPCs). At that time, it was agreed that we would review our policy based on research carried out by the Federal Aviation Authorities (FAA) in the United States, in addition to reviewing guidance issued by other National Aviation Authorities. New information and field experience, particularly with respect to compatibility and glare, has resulted in the FAA reviewing its original document

[8] Civil Aviation Authority (2020). CAP738 – Safeguarding of Aerodromes 3rd Edition. Available at: https://www.caa.co.uk/our-work/publications/documents/content/cap-738/ [Accessed 12/09/2025]

'Technical Guidance for Evaluating Selected Solar Technologies on Airports', which is likely to be subject to change, see link; https://www.federalregister.gov/documents/2013/10/23/2013-24729/interimpolicy-faa-review-of-solar-energy-system-projects-on-federally-obligated-airports

2. In the United Kingdom there has been a further increase in SPV cells, including some located close to aerodrome boundaries; to date the CAA has not received any detrimental comments or issues of glare at these established sites. Whilst this early indication is encouraging, those responsible for safeguarding should remain vigilant to the possibility."

3.6.4. In summary, the above is stating that to date, there has not been any complications on airfields due to glare originating from solar farms across the UK.

3.7. UF Federal Aviation Administration Policy

3.7.1. The US Federal Aviation Administration (FAA) in their Solar Guide (Federal Aviation Authority, 2018)[9] incorporates a chapter on the impact and assessment of glint from solar panels. It concludes that (although subject to revision):

"Depending on site specifics (e.g., existing land uses, location and size of the project) an acceptable evaluation could involve one or more of the following levels of assessment:

(1) A qualitative analysis of potential impact in consultation with the Air Traffic Control Tower, pilots, and airport officials

(2) A demonstration field test with solar panels at the proposed site in coordination with Air Traffic Control Tower personnel

(3) A geometric analysis to determine days and times when there may be an ocular impact."

[9] FAA (2010), Technical Guidance for Evaluating Selected Solar Technologies on Airports. Available at https://www.faa.gov/sites/faa.gov/files/airports/environmental/FAA-Airport-Solar-Guide-2018.pdf [Accessed 12/09/2025]

3.7.2. The interim policy (Federal Register, 2013)[10] demands that an ocular impact assessment must be assessed at 1-minute intervals from when the sun rises above the horizon until the sun sets below the horizon. Specifically, the developer must use the 'Solar Glare Hazard Analysis Tool' (SGHAT) tool specifically and reference its results as this was developed by the FAA and Sandia National Laboratories as a standard and approved methodology for assessing potential impacts on aviation interests, although it notes other assessment methods may be considered. The SGHAT tool has since been licensed to a private organisation who were also involved in its development, and it is the software model used in this assessment.

3.7.3. Crucially, the policy provides a quantitative threshold that is lacking in the English guidance. This outlines that a solar development will not automatically receive an objection on glint grounds if low intensity glint is visible to pilots on final approach. In other words, low intensity glint with a low potential to form a temporary after-image (Green Glare) would be considered acceptable under US guidance. Due to the lack of legislation and guidance within England, this US document has been utilised as guidance for this report, which is accepted as best practice in the UK in the absence of quantitative guidance.

3.7.4. The FAA guidance states that for a solar PV development to obtain FAA approval or to receive no objection, the following two criteria must be met:

- No potential for glint or glare in the existing or planned Air Traffic Control Tower (ATCT); and
- No potential for glare (glint) or "low potential for after-image" (Green Glare) along the final approach path for any existing or future runway landing thresholds (including planned or interim phases), as shown by the approved layout plan (ALP). The final approach path is defined as 2 miles from 50 feet above the landing threshold using a standard 3-degree glide path.

3.7.5. The geometric analysis included later in this report, which defines the extent and time at which glint may occur, is required by the FAA as the methodology to be used when assessing glint and glare impacts on aviation receptors. This report follows the methodology required by the FAA as it offers the most robust assessment method currently available.

[10] FAA (2013), Interim Policy, FAA Review of Solar Energy System Projects on Federally Obligated Airports. Available at https://www.federalregister.gov/documents/2013/10/23/2013-24729/interim-policy-faa-review-of-solar-energy-system-projects-on-federally-obligated-airports [Accessed 12/09/2025]

3.8. FAA Policy: Review of Solar Energy Systems Projects on Federally - Obligated Airports[11]

3.8.1. The FAA updated its Interim Policy from 2013 as part of a commitment to "*update policies and procedures as part of an iterative process as new information and technologies become available*." The main development regarding Glint and Glare since the Interim Policy is the following:

"Initially, FAA believed that solar energy systems could introduce a novel glint and glare effect to pilots on final approach. FAA has subsequently concluded that in most cases, the glint and glare from solar energy systems to pilots on final approach is similar to glint and glare pilots routinely experience from water bodies, glass-façade buildings, parking lots, and similar features. However, FAA has continued to receive reports of potential glint and glare from on-airport solar energy systems on personnel working in ATCT cabs."

3.8.2. This is outlining that solar panels are similar to nuisances that are already caused by other existing infrastructure, such as car parks, glass buildings and water bodies. Furthermore, the ATCT has been outlined as the key receptor to be assessed when determining Glint and Glare impacts from a solar farm.

3.8.3. Again, in respect of an absence of UK guidance, this is used as the best practice when assessing aviation receptors.

3.9. Local Planning Policy

South East Lincolnshire Local Plan

3.9.1. South Holland District Council has produced a Local Plan[12] jointly with Boston Borough Council and Lincolnshire County Council. The Plan was adopted on 8 March 2019. The Plan covers a wide range of planning related matters in the form of policies, against which planning applications can be judged, one of which is relevant to Glint and Glare:

[11] FAA (2021). FAA Policy: Review of Solar Energy Systems Projects on Federally – Obligated Airports. Available at: https://www.federalregister.gov/documents/2021/05/11/2021-09862/federal-aviation-administration-policy-review-of-solar-energy-system-projects-on-federally-obligated [Accessed 12/09/2025]

[12] South East Lincolnshire Local Plan. Available at: https://southeastlincslocalplan.org/ [Accessed 12/09/2025]

'POLICY 31: Climate Change and Renewable and Low Carbon Energy

B. Renewable Energy

With the exception of Wind Energy the development of renewable energy facilities, associated infrastructure and the integration of decentralised technologies on existing or proposed structures will be permitted provided, individually, or cumulatively, there would be no significant harm to:

[…]

2. residential amenity in respect of: noise, fumes, odour, vibration, shadow flicker, sunlight reflection, broadcast interference, traffic;

3. highway safety (including public rights of way);

[…]

5. aviation and radar safety.

[…]'

3.9.2. This Glint and Glare Assessment has tested that Policy 31 is adhered to so that there are no unacceptable Glint and Glare impacts.

4. Methodology

4.1. Overview

4.1.1. A desk-based assessment was undertaken to identify when and where glint and glare may be visible at receptors within the vicinity of the Scheme, throughout the day and the year.

4.2. Sun Position and Reflection Model

Sun Data Model

4.2.1. The calculations in the solar position calculator are based on equations from Astronomical Algorithms. The sunrise and sunset results are theoretically accurate to within a minute for locations between +/- 72° latitude, and within 10 minutes outside of those latitudes. However, due to variations in atmospheric composition, temperature, pressure and conditions, observed values may vary from calculations.

Solar Reflection Model

4.2.2. The position of the sun is calculated at one-minute intervals of a typical year.

4.2.3. In order to determine if a solar reflection will reach a receptor, the following variables are required:

- Sun position;
- Observer location; and
- Tilt, orientation, and extent of the modules in the solar array.

4.2.4. The model assumes that the azimuth and horizontal angle of the sun is the same across the whole Solar Development Area. This is considered acceptable due to the distance of the sun from the Scheme and the miniscule differences in location of the sun over the Solar Development Area.

4.2.5. Once the position of the sun is known for each time interval, a vector reflection equation determines the reflected sun vector, based on the normal vector of the solar array panels. This assumes that the angle of reflection is equal to the angle of incidence reflected across a normal plane. In this instance, the plane being the vector which the solar panels are facing.

4.2.6. On knowing the vector of the solar reflection, the azimuth is calculated and the horizontal reflection from multiple points within the Solar Development Area. These are then compared with the azimuth and horizontal angle of the receptor from the Solar Development Area to determine if it is within range to receive solar reflections.

4.2.7. The solar reflection in the model is considered to be specular as a worst-case scenario. In practice, the light from the sun will not be fully reflected as solar panels are designed to absorb light rather than reflect it. The text above and **Annex Y** outlines the reflective properties of solar glass and compares it to other reflective surfaces. Although the exact figures in this report could contain a margin of error, it is included as a visual guide and it agrees with most other reports, in that solar glass has less reflective properties than other types of glass, bodies of water and snow, and that the amount of reflective energy drops as the angle of incidence decreases.

4.2.8. Most modern solar PV panels have a slight surface texture which should have a small effect on diffusing the solar radiation further, as well as utilising black, polycrystalline panels which are known for their lower reflectance. Although, this has not been modelled to conform with the worst-case scenario assessment.

4.2.9. The panel reflectivity has been modelled to assume an anti-reflective coating (ARC), which is the industry standard for solar PV panels and further reduces the reflective properties of the solar PV panels.

4.3. Determination of Ocular Impact

4.3.1. The software used for this assessment is based on the Sandia Laboratories Solar Glare Hazard Analysis Tool (SGHAT). This tool is specifically mentioned in the FAA guidance as the software that should be used in this type of assessment. Again, this is following the current best practice available due to the lack of UK guidance.

4.3.2. Determination of the ocular impact requires knowledge of the direct normal irradiance, solar PV panel reflectance, size and orientation of the array, optical properties of the PV module, and ocular parameters. These values are used to determine the retinal irradiance and subtended source angle used in the ocular hazard plot.

4.3.3. The ocular impact[13] of viewed glare can be classified into three levels based on the retinal irradiance and subtended source angle: low potential for after-image (green), potential for after-image (yellow), and potential for permanent eye damage (red).

4.3.4. Green glare can be ignored when looking at ground based and some aviation receptors. Green glare does not cause temporary flash blindness and happens at an instant with very slight disturbance. As per FAA guidelines, mitigation is only required for green glare when affecting an Air Traffic Control Tower, but not for when affecting pilots. Therefore, it can be assumed that green glare is acceptable for ground-based receptors.

4.3.5. The subtended source angle represents the size of the glare viewed by an observer, while the retinal irradiance determines the amount of energy impacting the retina of the observer. Larger source angles can result in glare of high intensity, even if the retinal irradiance is low.

4.3.6. The modelling software outputs a hazard plot for each receptor predicted to be impacted by glare from the PV array. An orange dot is plotted for each minute of glare indicating the irradiance (power density) of the reflected solar light. A yellow dot is plotted to show the irradiance of the Sun when it is viewed directly. The hazard plot shows that the irradiance of the Sun is approximately three orders of magnitude greater than the reflected irradiance, i.e., the power density of solar reflections from photovoltaic panels are approximately 0.1% that of viewing the Sun. Due to the disparity in irradiance, whenever the Sun is observed in the same frame as solar reflections from a PV array, the Sun will be main source of glare impacts upon the observer. In such a case, the impact is deemed to be **Low** as a worst-case scenario.

Relevant Parameters of the Scheme

4.3.7. The photovoltaic panels will be fixed tilt panels. The fixed tilt panel is oriented in a southwards direction to maximise solar gain and will remain in a fixed position throughout the day and during the year (i.e. they will not rotate to track the

[13] Ho, C.K., C.M. Ghanbari, and R.B. Diver, 2011, Methodology to Assess Potential Glint and Glare Hazards From Concentrating Solar Power Plants: Analytical Models and Experimental Validation, Journal of Solar Energy Engineering-Transactions of the Asme, 133(3).

movement of the sun). The panels will face southwards and will be inclined at an angle of between 10 and 25.

4.3.8. The height of the panels above ground level is a maximum of 4.3 m and points at the top of the panels are used to determine the potential for glint and glare generation.

4.4. Identification of Receptors

Ground Based Receptors

4.4.1. Glint is most likely to impact upon a ground-based receptor close to dusk and dawn, when the sun is at its lowest in the sky. Therefore, any effect would likely occur early in the day or late in the day, reflected to the west at dawn and east at dusk.

4.4.2. A 1km Study Area from the panels was deemed appropriate for the assessment of ground-based receptors as this contains a good spread of residential and road receptors in most directions from the Solar Development Area. The further distance a receptor is from a solar farm, the less chance it has of being affected by glint and glare due to scattering of the reflected beam and atmospheric attenuation, in addition to obstructions from ground sources, such as any intervening vegetation or buildings. This is based on best practice and previous experience of completing Glint and Glare Assessments across the UK and Ireland.

4.4.3. An observer height of 2m was utilised for residential receptors, as this is a typical height for a ground-floor window. Upper floor windows are taken into account in the visibility assessment. With regards to road users, a receptor height of 1.5m was employed as this is typical of eye level. Rail driver's eye level was assumed to be 2.75m above the rail for signal signing purposes and therefore this is the height used for assessment purposes. Horse rider eye level has been assumed to be 2.5m above ground level for bridleway receptors.

4.4.4. An assessment was undertaken to determine zones where solar reflections will never be directed near ground level.

4.4.5. Where there are several residential receptors within close proximity, a representative dwelling or dwellings is/are chosen for full assessment as the impacts will not vary to any significant degree. Where small groups of receptors have been evident, the receptors on either end of the group have been analysed in detail with the worst-case impacts attributed to that receptor.

Aviation

4.4.6. Glint is only considered to be an issue with regards to aviation safety when the solar farm lies within close proximity to a runway, particularly when the aircraft is descending to land. This is outlined within the FAA guidance as being the key aviation receptors to assess ad is considered best practice in the absence of UK guidance.

4.4.7. Should a solar farm be proposed within the safeguarded zone of an aerodrome, then a full geometric study may be required which would determine if there is potential for glint and glare at key locations, most likely on the descent to land.

4.4.8. Buffer zones to identify aviation assets vary depending on the safeguarding criteria of that asset. All aerodromes within 30km have been identified, however, generally the detailed assessments are only required within 20km for large international aerodromes, 10km for military aerodromes and 5km for small aerodromes.

4.5. Magnitude of Impact

Static Receptors

4.5.1. Although there is no specific guidance set out to identify the magnitude of impact from solar reflections, the following criteria has been set out for the purposes of this report and has been accepted for assessing numerous solar farms across the UK and Ireland:

- **High** - Solar reflections impacts of over 30 hours per year or over 30 minutes per day.
- **Medium** - Solar reflections impacts between 20 and 30 hours per year or between 20 minutes and 30 minutes per day.
- **Low** - Solar reflections impacts up to 20 hours per year or up to 20 minutes per day.
- **None** - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening

Moving Receptors (Road, Rail and Bridleway)

4.5.2. Again, no specific guidance is available to identify the magnitude of impact from solar reflections on moving receptors except in aviation, however, it is thought

that a similar approach should be applied to moving receptors as aviation, based on the ocular impact and the potential for after-image.

4.5.3. The FAA guidance states that for a solar PV development to obtain FAA approval or to receive no objection, the following criteria must be met:

- No potential for glare (glint) or "low potential for after-image" along the final approach path for any existing or future runway landing thresholds (including planned or interim phases), as shown by the approved layout plan (ALP).

4.5.4. The following criteria has been set out for the purposes of this report:

- **High** - Solar reflections impacts consisting of any amount of yellow glare.
- **Low** - Solar reflections impacts consisting of any amount of only green glare.
- **None** - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening.

4.5.5. The FAA produced an evaluation of glare as a hazard and concluded in their report[14] that:

"The more forward the glare is and the longer the glare duration, the greater the impairment to the pilots' ability to see their instruments and to fly the aircraft. These results taken together suggest that any sources of glare at an airport may be potentially mitigated if the angle of the glare is greater than 25 deg from the direction that the pilot is looking in. We therefore recommend that the design of any solar installation at an airport consider the approach of pilots and ensure that any solar installation that is developed is placed such that they will not have to face glare that is straight ahead of them or within 25 deg of straight ahead during final approach."

4.5.6. It is reasonable to assume that although this report is assessing pilots vision impairment, it can also be applied to drivers of other road and rail vehicles. Therefore, the driver's field of view will also be analysed where required and if the glare is out with 25 degrees either side of their line of sight then any impacts will reduce to **None**.

[14] Federal Aviation Authority, Evaluation of Glare as a Hazard for General Aviation Pilots on Final Approach (2015), Available at https://libraryonline.erau.edu/online-full-text/faa-aviation-medicine-reports/AM15-12.pdf [Accessed 12/09/2025]

Moving Receptors (Aviation)

Approach Paths

4.5.7. Each final approach path which has the potential to receive glint is assessed using the SGHAT model. The model assumes an approach bearing on the runway centreline, a 3-degree glide path with the origin 50ft (15.24m) above the runway threshold.

4.5.8. The computer model considers the pilots field of view. The azimuthal field of view (AFOV) or horizontal field of view (HFOV) as it is sometimes referred, refers to the extents of the pilot's horizontal field of view measured in degrees left and right from directly in front of the cockpit. The vertical field of view (VFOV) refers to the extents of the pilot's vertical field of view measured in degrees from directly in front of the cockpit. The HFOV is modelled at 50 degrees left and right from the front of the cockpit whilst the VFOV is modelled at 30 degrees.

4.5.9. The FAA guidance states that there should be no potential for glare or 'low potential for after-image' at any existing or future planned runway landing thresholds for the Scheme to be acceptable. Given the FAA guidance and commentary on impacts, the following criteria has been set out for the purposes of this report:

- **High** - Solar reflections impacts consisting of any amount of yellow glare.
- **Low** - Solar reflections impacts consisting of any amount of only green glare.
- **None** - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening.

Air Traffic Control Tower (ATCT)

4.5.10. An air traffic controller uses the visual control room to monitor and direct aircraft on the ground, approaching and departing the aerodrome. It is essential that air traffic controllers have a clear unobstructed view of the aviation activity. The key areas on an aerodrome are the views towards the runway thresholds, taxiways and aircraft bays.

4.5.11. The FAA guidance states that no solar reflection towards the ATCT should be produced by a proposed solar development, however, this should be assessed on a site by site case and will depend on the operations at a particular aerodrome.

4.5.12. In order to determine the impact on the ATCT, the location and height of the tower will need to be fed into the SGHAT model and where there is a potential

for 'low potential for After-Image' or more, then mitigation measures will be required.

4.6. Assessment Limitations

4.6.1. Below is a list of assumptions and limitations of the model and methods used within this report:

- The model does not consider obstacles (either man-made or natural) between the observation points and the prescribed solar installation that may obstruct observed glare, such as trees, vegetation, hills, buildings, etc (that is, it calculates a "bare-earth" scenario);
- The model does not rigorously represent the detailed geometry of a system; detailed features such as gaps between modules, variable height of the PV array, and support structures may impact actual glare results;
- Due to variations in atmospheric composition, temperature, pressure and conditions, observed values may vary slightly from calculated positions;
- The model does not account for the effects of diffraction; however, buffers are applied as a factor of safety; and
- The model assumes clear skies at all times and does not account for meteorological effects such as cloud cover, fog, or any other weather event which may screen the sun.

4.6.2. Due to these assumptions and limitations, the model overestimates the number of minutes of glint and glare which are possible at each receptor and presents the worst-case scenario. Where glint and glare are predicted, a visibility assessment is carried out to determine a more accurate, real-world prediction of the impacts.

5. Baseline Conditions

5.1. Ground Based Receptors Reflection Zones

5.1.1. Based on the relatively flat topography in the area, solar reflections between five degrees below the horizontal plane to five degrees above it are described as near horizontal. Reflections from the Scheme within this arc have the potential to be seen by receptors at or near ground level.

5.1.2. Further analysis showed that this will only occur between the azimuth of 238.92 degrees and 298.18 degrees in the western direction (late day reflections) and 64.36 degrees and 129.27 degrees in the eastern direction (morning reflections) and therefore any ground-based receptor outside these arcs will not have any impact from solar reflections.

5.1.3. **Figure 1 – 6 of Annex A** show the respective study areas whilst also subtracting from this the areas where solar reflections will not impact on ground-based receptors due to the reasons set out in **paragraphs 5.1.1 to 5.1.2**.

5.2. Land Parcels A, B and C (Solar Development Area West) Residential Receptors

5.2.1. Residential receptors located within 1km of the Land Parcels A, B and C have been identified (Table 1). Glint was assumed to be possible if the receptor is located within the ground-based receptor zones as outlined previously.

5.2.2. There are two residential receptors (Receptors 71 and 72) at Land Parcels A, B and C which are within the no-reflection zones and are clearly identifiable in **Figures 4, 4.A and 4.B of Annex A**. The process of how these are calculated is explained in **paragraphs 5.1.1 to 5.1.2** of this report. Due to the land parcels being located across a large east/west area, the southern non-reflection zone has been excluded.

5.2.3. As per the methodology section, where there are a number of residential receptors within close proximity, a representative dwelling or dwellings is/are chosen for detailed analysis as the impacts will not vary to any significant degree. Where small groups of receptors are evident, the receptors on either end of the group have been assessed in detail.

Table 1: Land Parcels A, B and C Residential Receptors

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 1	524592	314643	Yes
Receptor 2	524754	314303	Yes
Receptor 3	526165	314920	Yes
Receptor 4	526268	314470	Yes
Receptor 5	526281	314439	Yes
Receptor 6	526486	314190	Yes
Receptor 7	524879	312556	Yes
Receptor 8	525173	312549	Yes
Receptor 9	526264	312783	Yes
Receptor 10	527093	312621	Yes
Receptor 11	527296	314593	Yes
Receptor 12	527388	314704	Yes
Receptor 13	527755	314621	Yes
Receptor 14	528384	314490	Yes
Receptor 15	529834	315096	Yes
Receptor 16	529826	314947	Yes
Receptor 17	529821	314887	Yes
Receptor 18	529668	314314	Yes
Receptor 19	530870	314294	Yes
Receptor 20	530815	314185	Yes
Receptor 21	530479	314006	Yes
Receptor 22	530522	313993	Yes
Receptor 23	530553	313985	Yes
Receptor 24	530809	313914	Yes
Receptor 25	530942	313968	Yes
Receptor 26	531095	313974	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 27	531204	313965	Yes
Receptor 28	531191	313905	Yes
Receptor 29	529276	313754	Yes
Receptor 30	529290	313653	Yes
Receptor 31	528434	312190	Yes
Receptor 32	528744	312346	Yes
Receptor 33	528884	312408	Yes
Receptor 34	529180	312621	Yes
Receptor 35	529174	312570	Yes
Receptor 36	529430	312563	Yes
Receptor 37	529745	312456	Yes
Receptor 38	530422	312487	Yes
Receptor 39	529931	311871	Yes
Receptor 40	529898	311790	Yes
Receptor 41	529788	311680	Yes
Receptor 42	530015	311835	Yes
Receptor 43	530054	311711	Yes
Receptor 44	530092	311803	Yes
Receptor 45	530140	311873	Yes
Receptor 46	530216	311910	Yes
Receptor 47	530242	311986	Yes
Receptor 48	530297	312056	Yes
Receptor 49	530399	312115	Yes
Receptor 50	530535	312121	Yes
Receptor 51	530511	312190	Yes
Receptor 52	530573	312189	Yes
Receptor 53	530638	312128	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 54	530565	312316	Yes
Receptor 55	530666	312320	Yes
Receptor 56	530738	312340	Yes
Receptor 57	530686	312241	Yes
Receptor 58	530734	312227	Yes
Receptor 59	530831	312200	Yes
Receptor 60	530933	312195	Yes
Receptor 61	531013	312178	Yes
Receptor 62	530976	312087	Yes
Receptor 63	531068	312121	Yes
Receptor 64	530879	312350	Yes
Receptor 65	530926	312373	Yes
Receptor 66	531042	312440	Yes
Receptor 67	531091	312535	Yes
Receptor 68	531340	312899	Yes
Receptor 69	531358	312928	Yes
Receptor 70	531402	313021	Yes
Receptor 71	524120	312025	Yes
Receptor 72	525045	315170	No
Receptor 73	525576	315321	No

5.3. Land Parcels A, B and C (Solar Development Area West) Road Receptors

5.3.1. There are 13 roads within the 1km study area of Land Parcels A, B and C that requires a detailed Glint and Glare Assessment: New Road, Deeping High Bank, South Drove, Cloot Drove, Washbank, Spalding Road, Peak Hill, Queens Bank, Eaugate Road, A16, B1166 (Hull's Drove), Martins Road and Gull Bank. There are some minor roads that serve dwellings; however, these have been dismissed as vehicle users of these roads will likely be travelling at low speeds and therefore,

there is a negligible risk of safety impacts resulting from glint and glare of the Scheme.

5.3.2. The ground receptor no-reflection zones are clearly identifiable on **Figure 5 of Annex A** and the process of how these are calculated is explained in **paragraphs 5.1.1 to 5.1.2** of this report. Due to the land parcels being located across a large east/west area, the southern non-reflection zone has been excluded.

5.3.3. Table 2 shows a list of receptor points within the study area which are 200m apart.

Table 2: Land Parcels A, B and C Road Based Receptors

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 1	522865	313682	Yes
Receptor 2	523042	313589	Yes
Receptor 3	523219	313496	Yes
Receptor 4	523396	313403	Yes
Receptor 5	523075	312046	Yes
Receptor 6	523137	312236	Yes
Receptor 7	523193	312428	Yes
Receptor 8	523266	312614	Yes
Receptor 9	523340	312799	Yes
Receptor 10	523412	312986	Yes
Receptor 11	523485	313172	Yes
Receptor 12	523557	313359	Yes
Receptor 13	523626	313547	Yes
Receptor 14	523653	313736	Yes
Receptor 15	523686	313918	Yes
Receptor 16	523842	314039	Yes
Receptor 17	524005	314153	Yes
Receptor 18	524168	314270	Yes
Receptor 19	524330	314387	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 20	524493	314503	Yes
Receptor 21	524655	314620	Yes
Receptor 22	524834	314685	Yes
Receptor 23	524944	314836	Yes
Receptor 24	524570	312320	Yes
Receptor 25	524735	312433	Yes
Receptor 26	524900	312546	Yes
Receptor 27	524914	312739	Yes
Receptor 28	524909	312939	Yes
Receptor 29	524904	313139	Yes
Receptor 30	524899	313339	Yes
Receptor 31	524893	313539	Yes
Receptor 32	524888	313739	Yes
Receptor 33	524877	313938	Yes
Receptor 34	524833	314133	Yes
Receptor 35	524776	314324	Yes
Receptor 36	524863	314475	Yes
Receptor 37	525000	314616	Yes
Receptor 38	525174	314701	Yes
Receptor 39	526210	311773	Yes
Receptor 40	526211	311973	Yes
Receptor 41	526213	312173	Yes
Receptor 42	526224	312371	Yes
Receptor 43	526352	312520	Yes
Receptor 44	526333	312712	Yes
Receptor 45	526269	312901	Yes
Receptor 46	526257	313099	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 47	526259	313299	Yes
Receptor 48	526261	313499	Yes
Receptor 49	526263	313699	Yes
Receptor 50	526265	313899	Yes
Receptor 51	526267	314099	Yes
Receptor 52	526269	314299	Yes
Receptor 53	526229	314493	Yes
Receptor 54	526154	314678	Yes
Receptor 55	526080	314919	Yes
Receptor 56	526277	314883	Yes
Receptor 57	526473	314846	Yes
Receptor 58	526670	314810	Yes
Receptor 59	526866	314769	Yes
Receptor 60	527061	314727	Yes
Receptor 61	527257	314685	Yes
Receptor 62	527452	314643	Yes
Receptor 63	527648	314602	Yes
Receptor 64	527844	314560	Yes
Receptor 65	528039	314520	Yes
Receptor 66	528235	314479	Yes
Receptor 67	528431	314438	Yes
Receptor 68	528627	314398	Yes
Receptor 69	528823	314357	Yes
Receptor 70	529018	314316	Yes
Receptor 71	529214	314274	Yes
Receptor 72	529410	314233	Yes
Receptor 73	529605	314191	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 74	529725	314268	Yes
Receptor 75	529747	314467	Yes
Receptor 76	529768	314666	Yes
Receptor 77	529789	314865	Yes
Receptor 78	529810	315064	Yes
Receptor 79	526519	311722	Yes
Receptor 80	526519	311922	Yes
Receptor 81	526514	312122	Yes
Receptor 82	526510	312322	Yes
Receptor 83	526505	312522	Yes
Receptor 84	526504	312722	Yes
Receptor 85	526503	312922	Yes
Receptor 86	526503	313122	Yes
Receptor 87	526508	313322	Yes
Receptor 88	526516	313522	Yes
Receptor 89	526524	313722	Yes
Receptor 90	526538	313921	Yes
Receptor 91	526552	314121	Yes
Receptor 92	526566	314320	Yes
Receptor 93	526584	314519	Yes
Receptor 94	526609	314718	Yes
Receptor 95	526634	314916	Yes
Receptor 96	526662	315114	Yes
Receptor 97	527944	311900	Yes
Receptor 98	528122	311991	Yes
Receptor 99	528300	312083	Yes
Receptor 100	528478	312174	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 101	528655	312266	Yes
Receptor 102	528833	312358	Yes
Receptor 103	529011	312449	Yes
Receptor 104	529189	312536	Yes
Receptor 105	529386	312500	Yes
Receptor 106	529583	312465	Yes
Receptor 107	529780	312429	Yes
Receptor 108	529977	312393	Yes
Receptor 109	530173	312357	Yes
Receptor 110	530370	312321	Yes
Receptor 111	530567	312285	Yes
Receptor 112	530759	312232	Yes
Receptor 113	530950	312173	Yes
Receptor 114	531144	312123	Yes
Receptor 115	529210	312756	Yes
Receptor 116	529233	312954	Yes
Receptor 117	529255	313153	Yes
Receptor 118	529278	313352	Yes
Receptor 119	529301	313550	Yes
Receptor 120	529326	313749	Yes
Receptor 121	529351	313947	Yes
Receptor 122	529366	314146	Yes
Receptor 123	530850	314308	Yes
Receptor 124	530841	314108	Yes
Receptor 125	530885	313943	Yes
Receptor 126	531085	313936	Yes
Receptor 127	524119	311540	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 128	524134	311739	Yes
Receptor 129	524150	311939	Yes
Receptor 130	524240	312095	Yes
Receptor 131	524405	312208	Yes
Receptor 132	525172	315633	No
Receptor 133	525326	315506	No
Receptor 134	525480	315378	No
Receptor 135	525639	315421	No
Receptor 136	525105	314954	No
Receptor 137	525266	315073	No
Receptor 138	525427	315192	No
Receptor 139	525588	315310	No
Receptor 140	525718	315450	No
Receptor 141	525340	314808	No
Receptor 142	525536	314835	No
Receptor 143	525728	314881	No
Receptor 144	525913	314955	No
Receptor 145	526079	315056	No
Receptor 146	526135	315248	No
Receptor 147	526690	315312	No

5.4. Land Parcels A, B and C (Solar Development Area West) Bridleway Receptors

5.4.1. There are three bridleways, along Washbank, to the west of Peak Hill and continuing east from Queens Bank, within the 1km study area of Land Parcels A, B and C that require a detailed Glint and Glare Assessment.

5.4.2. The ground receptor no-reflection zones are clearly identifiable on **Figure 6 of Annex A** and the process of how these are calculated is explained in **paragraphs**

5.1.1 to 5.1.2 of this report. Due to land parcels being located across a large east/west area, the southern non-reflection zone has been excluded.

5.4.3. Table 3 shows a list of receptor points within the study area which are 200m apart.

Table 3: Land Parcels A, B and C Bridleway Receptors

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 1	524006	311528	Yes
Receptor 2	523991	311727	Yes
Receptor 3	523976	311927	Yes
Receptor 4	523962	312126	Yes
Receptor 5	523947	312326	Yes
Receptor 6	523914	312510	Yes
Receptor 7	523922	312709	Yes
Receptor 8	523910	312909	Yes
Receptor 9	523897	313108	Yes
Receptor 10	523889	313308	Yes
Receptor 11	523881	313508	Yes
Receptor 12	523872	313708	Yes
Receptor 13	523868	313885	Yes
Receptor 14	524051	313965	Yes
Receptor 15	524233	314047	Yes
Receptor 16	524420	314119	Yes
Receptor 17	524595	314213	Yes
Receptor 18	524763	314278	Yes
Receptor 19	529712	314168	Yes
Receptor 20	529908	314125	Yes
Receptor 21	530103	314083	Yes
Receptor 22	530299	314042	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 23	530490	313983	Yes
Receptor 24	530680	313921	Yes
Receptor 25	525915	315028	No
Receptor 26	526017	315200	No
Receptor 27	526096	315383	No

5.5. Land Parcel D (Solar Development Area East) Residential Receptors

5.5.1. Residential receptors located within 1km of the Land Parcel D have been identified (Table 4). Glint was assumed to be possible if the receptor is located within the ground-based receptor zones as outlined previously.

5.5.2. There are 22 Land Parcel D residential receptors (Receptors 113 - 134) which are within the no-reflection zones and are clearly identifiable in **Figures 1, 1.A and 1.B of Annex A.** The process of how these are calculated is explained in **paragraphs 5.1.1 to 5.1.2** of this report.

5.5.3. As per the methodology section, where there are a number of residential receptors within close proximity, a representative dwelling or dwellings is/are chosen for detailed analysis as the impacts will not vary to any significant degree. Where small groups of receptors are evident, the receptors on either end of the group have been assessed in detail.

Table 4: Land Parcel D Residential Receptors

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 1	534368	316993	Yes
Receptor 2	533867	316766	Yes
Receptor 3	533925	316649	Yes
Receptor 4	533944	316542	Yes
Receptor 5	533901	316407	Yes
Receptor 6	533887	316228	Yes
Receptor 7	534374	316489	Yes
Receptor 8	534390	316234	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 9	534408	316188	Yes
Receptor 10	534303	315789	Yes
Receptor 11	534330	315705	Yes
Receptor 12	534292	315687	Yes
Receptor 13	536741	317158	Yes
Receptor 14	536609	317063	Yes
Receptor 15	536593	316954	Yes
Receptor 16	536678	316762	Yes
Receptor 17	536860	316629	Yes
Receptor 18	536877	316645	Yes
Receptor 19	537027	316729	Yes
Receptor 20	537042	316799	Yes
Receptor 21	536103	316682	Yes
Receptor 22	536076	316003	Yes
Receptor 23	536001	315842	Yes
Receptor 24	536371	315789	Yes
Receptor 25	535802	315522	Yes
Receptor 26	533217	314831	Yes
Receptor 27	532985	314402	Yes
Receptor 28	532880	314029	Yes
Receptor 29	532868	314006	Yes
Receptor 30	532849	313966	Yes
Receptor 31	532772	313784	Yes
Receptor 32	532721	313675	Yes
Receptor 33	532638	313591	Yes
Receptor 34	533755	314491	Yes
Receptor 35	532549	313236	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 36	532345	312889	Yes
Receptor 37	532366	312798	Yes
Receptor 38	533158	313471	Yes
Receptor 39	533145	313435	Yes
Receptor 40	533148	313337	Yes
Receptor 41	533077	313256	Yes
Receptor 42	533010	313168	Yes
Receptor 43	532959	313058	Yes
Receptor 44	532935	313014	Yes
Receptor 45	532910	312971	Yes
Receptor 46	532968	312934	Yes
Receptor 47	532953	312900	Yes
Receptor 48	533916	313444	Yes
Receptor 49	533922	313377	Yes
Receptor 50	533903	313346	Yes
Receptor 51	533706	313101	Yes
Receptor 52	533455	312567	Yes
Receptor 53	533413	312363	Yes
Receptor 54	534751	314764	Yes
Receptor 55	535449	314617	Yes
Receptor 56	535418	314581	Yes
Receptor 57	535352	314461	Yes
Receptor 58	536100	314616	Yes
Receptor 59	536095	314600	Yes
Receptor 60	536093	314579	Yes
Receptor 61	535325	313784	Yes
Receptor 62	535028	313775	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 63	534971	313774	Yes
Receptor 64	534954	313730	Yes
Receptor 65	534897	313598	Yes
Receptor 66	534903	313511	Yes
Receptor 67	534813	313417	Yes
Receptor 68	534749	313170	Yes
Receptor 69	535066	313043	Yes
Receptor 70	534418	313007	Yes
Receptor 71	534353	312909	Yes
Receptor 72	534333	312871	Yes
Receptor 73	534670	312983	Yes
Receptor 74	534545	312941	Yes
Receptor 75	534624	312888	Yes
Receptor 76	534563	312865	Yes
Receptor 77	534521	312779	Yes
Receptor 78	534923	312843	Yes
Receptor 79	534215	312665	Yes
Receptor 80	534174	312652	Yes
Receptor 81	534204	312647	Yes
Receptor 82	534212	312551	Yes
Receptor 83	534388	312493	Yes
Receptor 84	532886	312798	Yes
Receptor 85	532830	312797	Yes
Receptor 86	532801	312732	Yes
Receptor 87	532850	312724	Yes
Receptor 88	532823	312666	Yes
Receptor 89	532705	312559	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 90	532666	312457	Yes
Receptor 91	532563	312358	Yes
Receptor 92	532756	312555	Yes
Receptor 93	532806	312441	Yes
Receptor 94	532840	312387	Yes
Receptor 95	532791	312288	Yes
Receptor 96	532734	312333	Yes
Receptor 97	532997	312487	Yes
Receptor 98	532959	312428	Yes
Receptor 99	532892	312362	Yes
Receptor 100	532935	312269	Yes
Receptor 101	532985	312143	Yes
Receptor 102	533051	311990	Yes
Receptor 103	533373	312277	Yes
Receptor 104	533307	312261	Yes
Receptor 105	533265	312178	Yes
Receptor 106	533251	312054	Yes
Receptor 107	534341	312404	Yes
Receptor 108	534340	312303	Yes
Receptor 109	534303	312215	Yes
Receptor 110	534236	312219	Yes
Receptor 111	534266	312139	Yes
Receptor 112	534538	311897	Yes
Receptor 113	535824	317858	No
Receptor 114	533143	311943	No
Receptor 115	534071	312174	No
Receptor 116	533982	312117	No

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 117	533933	312048	No
Receptor 118	533829	311932	No
Receptor 119	533762	311887	No
Receptor 120	533777	311835	No
Receptor 121	533742	311767	No
Receptor 122	533802	311711	No
Receptor 123	533706	311654	No
Receptor 124	534200	312110	No
Receptor 125	534226	312014	No
Receptor 126	534114	312007	No
Receptor 127	534105	311991	No
Receptor 128	534099	311971	No
Receptor 129	534150	311861	No
Receptor 130	534071	311817	No
Receptor 131	534071	311713	No
Receptor 132	534006	311695	No
Receptor 133	533982	311628	No
Receptor 134	534511	311836	No

5.6. Land Parcel D (Solar Development Area West) Road Receptors

5.6.1. There are 14 roads within the 1km study area of Land Parcel D that requires a detailed Glint and Glare Assessment: Dog Drove North, Parsons Lane, Barr's Lane, B1168, B1166 (Long Lane), Langary Gate Road, West Drove North, North Road, Gedney Hill Gate, Mole Drove, Lutton Gate Road, New Fen Dike, Inley Drove and Bardling's. There are some minor roads that serve dwellings; however, these have been dismissed as vehicle users of these roads will likely be travelling at low speeds and therefore, there is a negligible risk of safety impacts resulting from glint and glare of the Scheme.

5.6.2. The ground receptor no-reflection zones are clearly identifiable on **Figures 2, 2.A and 2.B of Annex A** and the process of how these are calculated is explained in **paragraphs 5.1.1 to 5.1.2** of this report.

5.6.3. Table 5 shows a list of receptor points within the study area which are 200m apart.

Table 5: Land Parcel D Road Based Receptors

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 1	532343	312824	Yes
Receptor 2	532421	313008	Yes
Receptor 3	532498	313193	Yes
Receptor 4	532576	313377	Yes
Receptor 5	532516	313474	Yes
Receptor 6	532778	313377	Yes
Receptor 7	532977	313393	Yes
Receptor 8	532650	312372	Yes
Receptor 9	532738	312551	Yes
Receptor 10	532826	312731	Yes
Receptor 11	532915	312910	Yes
Receptor 12	533003	313090	Yes
Receptor 13	533100	313264	Yes
Receptor 14	533176	313448	Yes
Receptor 15	533265	313628	Yes
Receptor 16	533353	313807	Yes
Receptor 17	533442	313986	Yes
Receptor 18	533530	314166	Yes
Receptor 19	533619	314345	Yes
Receptor 20	533707	314524	Yes
Receptor 21	533796	314704	Yes
Receptor 22	533884	314883	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 23	533973	315062	Yes
Receptor 24	534061	315242	Yes
Receptor 25	534150	315421	Yes
Receptor 26	534238	315600	Yes
Receptor 27	534327	315780	Yes
Receptor 28	534377	315967	Yes
Receptor 29	534369	316167	Yes
Receptor 30	534361	316367	Yes
Receptor 31	534353	316567	Yes
Receptor 32	534345	316766	Yes
Receptor 33	534337	316966	Yes
Receptor 34	534329	317166	Yes
Receptor 35	534321	317366	Yes
Receptor 36	532785	312361	Yes
Receptor 37	532909	312259	Yes
Receptor 38	532986	312075	Yes
Receptor 39	533233	312065	Yes
Receptor 40	533321	312245	Yes
Receptor 41	533410	312424	Yes
Receptor 42	533498	312603	Yes
Receptor 43	533587	312783	Yes
Receptor 44	533675	312962	Yes
Receptor 45	533762	313142	Yes
Receptor 46	533859	313317	Yes
Receptor 47	533959	313490	Yes
Receptor 48	534059	313664	Yes
Receptor 49	534157	313837	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 50	534256	314011	Yes
Receptor 51	534355	314185	Yes
Receptor 52	534454	314359	Yes
Receptor 53	534553	314533	Yes
Receptor 54	534651	314707	Yes
Receptor 55	534750	314881	Yes
Receptor 56	534848	315055	Yes
Receptor 57	534947	315229	Yes
Receptor 58	535050	315400	Yes
Receptor 59	535148	315575	Yes
Receptor 60	535246	315749	Yes
Receptor 61	535343	315924	Yes
Receptor 62	535439	316099	Yes
Receptor 63	535538	316273	Yes
Receptor 64	535638	316446	Yes
Receptor 65	535770	316578	Yes
Receptor 66	535966	316621	Yes
Receptor 67	536084	316736	Yes
Receptor 68	536105	316935	Yes
Receptor 69	536090	317131	Yes
Receptor 70	534043	312366	Yes
Receptor 71	534136	312543	Yes
Receptor 72	534230	312719	Yes
Receptor 73	534323	312896	Yes
Receptor 74	534442	313008	Yes
Receptor 75	534265	312178	Yes
Receptor 76	534349	312359	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 77	534434	312540	Yes
Receptor 78	534518	312722	Yes
Receptor 79	534602	312903	Yes
Receptor 80	534686	313085	Yes
Receptor 81	534770	313266	Yes
Receptor 82	534854	313448	Yes
Receptor 83	534938	313629	Yes
Receptor 84	535022	313811	Yes
Receptor 85	535107	313992	Yes
Receptor 86	535191	314173	Yes
Receptor 87	535276	314354	Yes
Receptor 88	535361	314535	Yes
Receptor 89	535446	314717	Yes
Receptor 90	535531	314897	Yes
Receptor 91	535617	315078	Yes
Receptor 92	535703	315259	Yes
Receptor 93	535788	315440	Yes
Receptor 94	535874	315620	Yes
Receptor 95	535960	315801	Yes
Receptor 96	536045	315982	Yes
Receptor 97	536131	316163	Yes
Receptor 98	536216	316343	Yes
Receptor 99	536302	316524	Yes
Receptor 100	536387	316705	Yes
Receptor 101	536372	316888	Yes
Receptor 102	536427	317079	Yes
Receptor 103	534564	311884	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 104	534641	312068	Yes
Receptor 105	534718	312253	Yes
Receptor 106	534784	312441	Yes
Receptor 107	534870	312621	Yes
Receptor 108	534944	312807	Yes
Receptor 109	535020	312992	Yes
Receptor 110	535091	313179	Yes
Receptor 111	535165	313365	Yes
Receptor 112	535242	313549	Yes
Receptor 113	535322	313732	Yes
Receptor 114	535396	313918	Yes
Receptor 115	535469	314104	Yes
Receptor 116	535544	314290	Yes
Receptor 117	535431	314399	Yes
Receptor 118	536008	314429	Yes
Receptor 119	536065	314621	Yes
Receptor 120	536121	314813	Yes
Receptor 121	536175	315005	Yes
Receptor 122	536229	315198	Yes
Receptor 123	536286	315389	Yes
Receptor 124	536344	315581	Yes
Receptor 125	536403	315772	Yes
Receptor 126	536460	315964	Yes
Receptor 127	536516	316155	Yes
Receptor 128	536573	316347	Yes
Receptor 129	536629	316539	Yes
Receptor 130	536687	316731	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 131	537086	316232	Yes
Receptor 132	536959	316386	Yes
Receptor 133	536833	316541	Yes
Receptor 134	536651	316893	Yes
Receptor 135	536570	317075	Yes
Receptor 136	536721	317233	Yes
Receptor 137	536939	316741	Yes
Receptor 138	537077	316886	Yes
Receptor 139	537215	317030	Yes
Receptor 140	533146	311885	No
Receptor 141	533683	311653	No
Receptor 142	533760	311836	No
Receptor 143	533855	312013	No
Receptor 144	533949	312189	No
Receptor 145	534012	311634	No
Receptor 146	534096	311815	No
Receptor 147	534181	311996	No
Receptor 148	536038	317324	No
Receptor 149	535984	317517	No
Receptor 150	535929	317709	No
Receptor 151	535874	317901	No
Receptor 152	536467	317269	No
Receptor 153	536486	317462	No
Receptor 154	536463	317658	No
Receptor 155	536507	317848	No
Receptor 156	536566	318040	No
Receptor 157	536854	317383	No

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 158	536987	317532	No
Receptor 159	537131	317670	No

5.7. Land Parcel D (Solar Development Area West) Bridleway Receptors

5.7.1. There are two bridleways, along the South Holland Main Drain, within the 1km study area of Land Parcel D that require a detailed Glint and Glare Assessment.

5.7.2. The ground receptor no-reflection zones are clearly identifiable on **Figure 3 of Annex A** and the process of how these are calculated is explained in **paragraphs 5.1.1 to 5.1.2** of this report.

5.7.3. Table 6 shows a list of receptor points within the study area which are 200m apart.

Table 6: Land Parcel D Bridleway Receptors

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 1	533647	315986	Yes
Receptor 2	533844	316021	Yes
Receptor 3	534039	316065	Yes
Receptor 4	534234	316108	Yes
Receptor 5	534429	316151	Yes
Receptor 6	534621	316209	Yes
Receptor 7	534812	316267	Yes
Receptor 8	535004	316325	Yes
Receptor 9	535195	316383	Yes
Receptor 10	535387	316441	Yes
Receptor 11	535578	316499	Yes
Receptor 12	535771	316551	Yes
Receptor 13	535966	316594	Yes
Receptor 14	536160	316643	Yes
Receptor 15	536297	316786	Yes

Receptor	Eastings	Northings	Glint and Glare Possible
Receptor 16	536379	316965	Yes
Receptor 17	536447	317152	No
Receptor 18	536477	317337	No
Receptor 19	536608	317488	No
Receptor 20	536738	317640	No
Receptor 21	536873	317787	No

5.8. Rail Receptors

5.8.1. There are no railway lines within 1km of Land Parcels A, B C and D in the Solar Development Area. Therefore, no rail receptors have been assessed.

5.9. Aviation Receptors

5.9.1. Aerodromes within 30km of the Solar Development Area can be found in Table 7.

Table 7: Airfields within Close Proximity

Airfield	Distance to Land Parcels A, B and C (km)	Distance to Land Parcel D (km)	Use
Crowland Airfield	0.26	7.36	Small grass strip
Fenland Airfield	3.82	1.57	Licensed airport
Wingland Airfield	10.81	16.98	Small grass strip
Gedney Dyke Airfield	12.35	18.16	Small grass strip
Wallis International Airfield	14.14	13.24	Small grass strip
Holbeach Helipad	16.93	23.03	Helipad
White Fen Farm	19.36	19.85	Small grass strip
Bank Farm	20.29	20.56	Small grass strip
Peterborough City Hospital	21.39	14.48	Helipad

Airfield	Distance to Land Parcels A, B and C (km)	Distance to Land Parcel D (km)	Use
Northorpe Airfield	21.49	12.04	Small grass strip
Marshland Airfield	21.99	25.22	Small grass strip
Milton Park Airfield	23.82	16.39	Small grass strip
Chatteris Airfield	23.95	25.29	Small grass strip
Wateringhill Farm	24.41	26.53	Small grass strip
Decoy Farm	25.01	19.54	Small grass strip
Manor Farm (north)	25.25	15.65	Small grass strip
Sempringham Fen Airfield	25.56	20.81	Small grass strip
Poplar Farm	26.46	29.57	Small grass strip
Wberton Fen Airfield	27.35	28.99	Small grass strip
Furze Farm	28.86	22.37	Small grass strip
Kings Lynn Hospital	29.01	35.37	Helipad
Sibson Airfield	29.09	21.48	Small grass strip
Helpringham Airfield	29.33	25.76	Small grass strip
Upwood Airfield	29.45	28.71	Small grass strip
Peterborough Conington Airport	29.56	26.02	Licensed airport
RAF Wittering	30.41	21.54	Military
Manor Farm (south)	31.95	27.18	Small grass strip
Orchard House Airfield	32.18	29.67	Small grass strip
Shacklewell Airfield	36.74	27.45	Small grass strip

5.9.2. As shown in Table 7, there are 29 aerodromes within 30km of the Solar Development Area. However, only Fenland Airfield and Crowland Airfield will

require detailed assessments as Land Parcels A, B C and D are located within their safeguarding buffer zones, outlined in **paragraph 4.4.6 – 4.4.8**.

5.9.3. The other 27 aerodromes do not require detailed assessments due to their location in relation to the Solar Development Area falling outside of the buffer zones outlined in **paragraph 4.4.6 – 4.4.8**.

Fenland Airfield

5.9.4. Fenland Airfield (ICAO code EGCL) is designated as visual flight rules (VFR) only Aerodrome. It is located approximately 6NM (11.11km) south-east of Spalding.

5.9.5. The elevation of the aerodrome at the Aerodrome Reference Point (ARP) is 6ft (1.8m). It has two grass strip runways, one licensed runway and one unlicensed runway (indicated with an asterisk (*)), details of which are given in Table 8.

Table 8: Runways at Fenland Airfield

Runway Designation	True Bearing (°)	Length (m)	Width (m)
18	180.91	600	30
36	000.91	600	30
08*	79.50	760	18
26*	259.50	760	18

5.9.6. The threshold location and height of the runway at Fenland Airfield are given in **Table 9**.

Table 9: Runway Threshold Locations and Heights

Runway Designation	Threshold Latitude	Threshold Longitude	Height AOD (m)
18	52° 44′ 31.65″ N	000° 01′ 47.27″ W	2
36	52° 44′ 11.42″ N	000° 01′ 47.84″ W	2
08*	52° 44′ 09.34″ N	000° 02′ 12.18″ W	2
26*	52° 44′ 13.80″ N	000° 01′ 32.22″ W	2

5.9.7. The ARP is located at the midpoint of Runway 18/36. The actual location of the ARP and ATCT is given in Table 10. The height of the ATCT is assumed to be 5m based off Google Earth.

Table 10: Airfield Aerodrome Reference Point

	Latitude	Longitude	Eastings	Northings
ARP	52° 44' 21.87" N	000° 01' 47.57" W	533107	317577
ATCT	52° 44' 30.87" N	000° 01' 43.69" W	533169	317852

Crowland Airfield

5.9.8. Crowland Airfield is designated as visual flight rules (VFR) only aerodrome operated by Peterborough and Spalding Gliding Club. It is located approximately 4.4NM (8.14km) south of Spalding. The airfield is normally closed Monday – Friday and operates all day on Saturday, Sunday and Bank holidays. During the summer months, starting in April, the airfield operates on most Wednesdays.

5.9.9. The elevation of the aerodrome is 6.6ft (2m). It has two grass strip runways, details of which are given in Table 11.

Table 11: Runways at Crowland Airfield

Runway Designation	True Bearing (°)	Length (m)	Width (m)
03	042.6	600	80
21	222.6	600	80
08	084.5	730	60
26	264.5	730	60

5.9.10. The threshold location and height of the runway at Crowland Airfield are given in Table 12.

Table 12: Runway Threshold Locations and Heights

Runway Designation	Threshold Latitude	Threshold Longitude	Height AOD (m)
03	52° 42′ 28.35″ N	000° 08′ 30.66″ W	1
21	52° 42′ 42.56″ N	000° 08′ 09.86″ W	2
08	52° 42′ 31.55″ N	000° 08′ 50.64″ W	2
26	52° 42′ 33.84″ N	000° 08′ 12.68″ W	2

5.9.11. There is no Airfield Reference Point (ARP) or air traffic control tower (ATCT) at Crowland Airfield.

6. Impact Assessment

6.1.1. Following the methodology outlined earlier in this report, geometrical analysis comparing the azimuth and horizontal angle of the receptors from the Scheme and the solar reflection was conducted. Although this model did not take into account obstructions such as vegetation and buildings, discussion on the potentially impacted receptors is provided, where necessary. Such obstructions will be taken into account during the visibility assessment and will be discussed for each relevant receptor.

6.2. Ground Based Receptors

Land Parcels A, B and C (Solar Development Area West) Residential Receptors

6.2.1. Table 13 identifies the receptors that will experience solar reflections based on solar reflection modelling and whether the reflections will be experienced in the morning (AM), evening (PM), or both.

6.2.2. The three receptors which were within the no-reflection zones outlined previously have been excluded from the detailed modelling as they will never receive any glint and glare impacts from the Scheme.

6.2.3. **Annex N and O** show the analysis with the solar panels modelled at a tilt angle of between 10 and 25 degrees respectively.

6.2.4. Table 13 shows the worst-case impact at each receptor, based on a theoretical modelled impact without consideration of local vegetation or other obstacles and assuming no cloud at any point in the year.

Table 13: Potential for Glint and Glare Impact on Land Parcels A, B and C Residential Receptors

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (degrees)
	AM	PM	Minutes	Hours		
Receptor 1	N/A	N/A	0	0	**None**	N/A
Receptor 2	Yes	No	135	2.25	**Low**	25
Receptor 3	N/A	N/A	0	0	**None**	N/A

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (degrees)
	AM	PM	Minutes	Hours		
Receptor 4	N/A	N/A	0	0	**None**	N/A
Receptor 5	N/A	N/A	0	0	**None**	N/A
Receptor 6	Yes	No	293	4.88	**Low**	25
Receptor 7	No	Yes	956	15.93	**Low**	10
Receptor 8	N/A	N/A	0	0	**None**	N/A
Receptor 9	Yes	Yes	1129	18.82	**Low**	10
Receptor 10	No	Yes	183	3.05	**Low**	10
Receptor 11	N/A	N/A	0	0	**None**	N/A
Receptor 12	N/A	N/A	0	0	**None**	N/A
Receptor 13	N/A	N/A	0	0	**None**	N/A
Receptor 14	N/A	N/A	0	0	**None**	N/A
Receptor 15	N/A	N/A	0	0	**None**	N/A
Receptor 16	N/A	N/A	0	0	**None**	N/A
Receptor 17	N/A	N/A	0	0	**None**	N/A
Receptor 18	N/A	N/A	0	0	**None**	N/A
Receptor 19	N/A	N/A	0	0	**None**	N/A
Receptor 20	N/A	N/A	0	0	**None**	N/A
Receptor 21	N/A	N/A	0	0	**None**	N/A
Receptor 22	N/A	N/A	0	0	**None**	N/A
Receptor 23	N/A	N/A	0	0	**None**	N/A
Receptor 24	N/A	N/A	0	0	**None**	N/A
Receptor 25	N/A	N/A	0	0	**None**	N/A
Receptor 26	N/A	N/A	0	0	**None**	N/A
Receptor 27	N/A	N/A	0	0	**None**	N/A
Receptor 28	N/A	N/A	0	0	**None**	N/A

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (degrees)
	AM	PM	Minutes	Hours		
Receptor 29	Yes	No	841	14.02	**Low**	25
Receptor 30	Yes	Yes	2298	38.30	**High**	25
Receptor 31	N/A	N/A	0	0	**None**	N/A
Receptor 32	N/A	N/A	0	0	**None**	N/A
Receptor 33	No	Yes	115	1.92	**Low**	25
Receptor 34	No	Yes	103	1.72	**Low**	25
Receptor 35	No	Yes	11	0.18	**Low**	25
Receptor 36	N/A	N/A	0	0	**None**	N/A
Receptor 37	No	Yes	27	0.45	**Low**	10
Receptor 38	N/A	N/A	0	0	**None**	N/A
Receptor 39	N/A	N/A	0	0	**None**	N/A
Receptor 40	N/A	N/A	0	0	**None**	N/A
Receptor 41	N/A	N/A	0	0	**None**	N/A
Receptor 42	N/A	N/A	0	0	**None**	N/A
Receptor 43	N/A	N/A	0	0	**None**	N/A
Receptor 44	N/A	N/A	0	0	**None**	N/A
Receptor 45	N/A	N/A	0	0	**None**	N/A
Receptor 46	N/A	N/A	0	0	**None**	N/A
Receptor 47	N/A	N/A	0	0	**None**	N/A
Receptor 48	N/A	N/A	0	0	**None**	N/A
Receptor 49	N/A	N/A	0	0	**None**	N/A
Receptor 50	N/A	N/A	0	0	**None**	N/A
Receptor 51	N/A	N/A	0	0	**None**	N/A
Receptor 52	N/A	N/A	0	0	**None**	N/A
Receptor 53	N/A	N/A	0	0	**None**	N/A

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (degrees)
	AM	PM	Minutes	Hours		
Receptor 54	N/A	N/A	0	0	**None**	N/A
Receptor 55	N/A	N/A	0	0	**None**	N/A
Receptor 56	N/A	N/A	0	0	**None**	N/A
Receptor 57	N/A	N/A	0	0	**None**	N/A
Receptor 58	N/A	N/A	0	0	**None**	N/A
Receptor 59	N/A	N/A	0	0	**None**	N/A
Receptor 60	N/A	N/A	0	0	**None**	N/A
Receptor 61	N/A	N/A	0	0	**None**	N/A
Receptor 62	N/A	N/A	0	0	**None**	N/A
Receptor 63	N/A	N/A	0	0	**None**	N/A
Receptor 64	N/A	N/A	0	0	**None**	N/A
Receptor 65	N/A	N/A	0	0	**None**	N/A
Receptor 66	N/A	N/A	0	0	**None**	N/A
Receptor 67	No	Yes	25	0.42	**Low**	10
Receptor 68	No	Yes	767	12.78	**Low**	25
Receptor 69	No	Yes	871	14.52	**Low**	25
Receptor 70	No	Yes	731	12.18	**Low**	25
Receptor 71	No	No	0	0	**None**	N/A

6.2.5. As can be seen in Table 13, there is a **High** impact at one receptor, **Low** impact at 14 receptors and a **None** impact at 56 receptors.

6.2.6. **Annex X** shows Google Earth images that give an insight into how each receptor will be impacted by the glint and glare from the Solar Development Area. There is a mixture of images used, which include aerial, ground level and street level. The aerial images show the location of the receptor with the solar farm drawn as a white polygon and can be seen on the images when the solar farm is theoretically visible. The area of the solar farm from where reflections may be possible has been drawn as a yellow polygon. The ground level terrain is based

on the height data of the surrounding land showing no intervening vegetation or buildings. The white and yellow polygons can be seen in this view also. The street view gives a good indication as to whether the area of the solar farm where reflections are theoretically possible will be visible from the receptor point. It also shows where appropriate images have been taken from within the Solar Development Area that have been used to show up to date imagery. As per model results, glint and glare impacts from south facing panels are only possible at residential receptors between start of April and end of September. As such, vegetation shown in the imagery has been considered within the assessment, as it would be present when glint and glare impacts occur.

Receptor 2

6.2.7. The 'Glare Reflections on PV Footprint' chart in **Annex O** shows that reflections from a northern section of Panel Area A2B (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.8. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows dense vegetation and intervening buildings between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 6

6.2.9. The 'Glare Reflections on PV Footprint' chart in **Annex N** shows that reflections from a northwest section of Panel Area B (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.10. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 7

6.2.11. The 'Glare Reflections on PV Footprint' chart in **Annex N** shows that reflections from a southern section of Panel Area A1 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.12. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area. The second and third images are ground level images taken from the position of the Receptor with a view towards the Solar Development Area showing the position of the sun at 18:15 UTC on April 1st and at 18:45 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.3.6**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact remains **Low**.

Receptor 9

6.2.13. The 'Glare Reflections on PV Footprint' chart in **Annex N** shows that reflections from a central section of Panel Area A1 and an eastern section of Panel Area B (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.14. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second and third images were taken (red and yellow dots respectively). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with an eastward view towards the Solar Development Area and the third image is a street view image with an eastward view towards the Receptor. These images confirm that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 10

6.2.15. The 'Glare Reflections on PV Footprint' chart in **Annex N** shows that reflections from a northern section of Panel Area A1 and a southwest section of Panel Area B (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.16. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Receptor. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 29

6.2.17. The 'Glare Reflections on PV Footprint' chart in **Annex O** shows that reflections from a northern section of Panel Area C (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.18. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Receptor. This image confirms that the vegetation is sufficient to screen all ground floor views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 30

6.2.19. The 'Glare Reflections on PV Footprint' chart in **Annex O** shows that reflections from a northeast section of Panel Area B and a northern section of Panel Area C (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.20. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area. The second and third images are ground level images taken from the position of the Receptor with an eastwards view towards the Solar Development Area showing the position of the sun at 05:45 UTC on April 15th and at 05:00UTC on July 1st respectively, and the fourth and fifth images are ground level images taken from the position of the Receptor with a westwards view towards the Solar Development Area showing the position of the sun at 18:15 UTC on April 15th and at 19:00 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in

paragraph 4.3.6. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact reduces to **Low**.

Receptor 33

6.2.21. The 'Glare Reflections on PV Footprint' chart in **Annex O** shows that reflections from a southwest section of Panel Area B (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.22. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Solar Development Area and the Solar Development Area. The second image is a street view image with a view towards the Receptor. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 34, 35 and 37

6.2.23. The 'Glare Reflections on PV Footprint' chart in **Annex N and O** shows that reflections from a western section of Panel Area B (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.24. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view of the vegetation to the west of the receptors. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 67

6.2.25. The 'Glare Reflections on PV Footprint' chart in **Annex N** shows that reflections from a western section of Panel Area C (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.26. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Solar Development Area and the Solar Development

Area. The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 68 and 69

6.2.27. The 'Glare Reflections on PV Footprint' chart in **Annex O** shows that reflections from a central section of Panel Area C (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.28. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area. The second and third images are ground level images taken from the position of the Receptor with a view towards the Solar Development Area showing the position of the sun at 18:00 UTC on May 1st and on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.3.6**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact remains **Low**.

Receptor 70

6.2.29. The 'Glare Reflections on PV Footprint' chart in **Annex O** shows that reflections from a central section of Panel Area C (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.30. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area. The second and third images are ground level images taken from the position of the Receptor with a view towards the Solar Development Area showing the position of the sun at 18:00 UTC on April 15th and on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.3.6**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact remains **Low**.

Land Parcels A, B and C (Solar Development Area West) Road Receptors

6.2.31. Table 14 shows a summary of the modelling results for each of the Land Parcels A, B and C Road Receptor Points whilst the detailed results and ocular impact charts can be viewed in **Annex P - S**.

6.2.32. **Annex P - S** shows the analysis with the solar panels modelled as fixed tilt at angles of between 10 and 25 degrees. **Annex P and Q** shows the analysis for receptors 1 – 54 and 55 - 26 respectively with a tilt angle of 10 degrees. **Annex R and S** shows the analysis for receptors 1 – 54 and 55 – 26 respectively with a tilt angle of 25 degrees.

6.2.33. The 16 receptors (132 - 147) within the no-reflection zones outlined previously have been excluded from the detailed modelling as they will never receive glint and glare impacts from the Solar Development Area.

Table 14: Potential for Glint and Glare Impact on Land Parcels A, B and C Road Receptors

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 1	1485	30	0	**High**	25
Receptor 2	2040	450	0	**High**	25
Receptor 3	1225	707	0	**High**	25
Receptor 4	970	1235	0	**High**	25
Receptor 5	1530	0	0	**Low**	10
Receptor 6	1959	0	0	**Low**	10
Receptor 7	3703	297	0	**High**	10
Receptor 8	2453	0	0	**Low**	10
Receptor 9	3352	160	0	**High**	25
Receptor 10	2544	9	0	**High**	25
Receptor 11	3131	562	0	**High**	25
Receptor 12	1434	0	0	**Low**	25

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 13	2074	866	0	**High**	25
Receptor 14	218	0	0	**Low**	25
Receptor 15	469	33	0	**High**	25
Receptor 16	293	0	0	**Low**	25
Receptor 17	18	0	0	**Low**	25
Receptor 18	0	0	0	**None**	N/A
Receptor 19	218	0	0	**Low**	25
Receptor 20	109	0	0	**Low**	25
Receptor 21	0	0	0	**None**	N/A
Receptor 22	0	0	0	**None**	N/A
Receptor 23	0	0	0	**None**	N/A
Receptor 24	1496	0	0	**Low**	10
Receptor 25	1550	519	0	**High**	25
Receptor 26	162	1	0	**High**	10
Receptor 27	839	1653	0	**High**	25
Receptor 28	990	1449	0	**High**	25
Receptor 29	1728	4923	0	**High**	25
Receptor 30	1884	7301	0	**High**	25
Receptor 31	2237	4500	0	**High**	25
Receptor 32	1854	6848	0	**High**	25
Receptor 33	765	15	0	**High**	10
Receptor 34	1644	3872	0	**High**	25
Receptor 35	766	42	0	**High**	25
Receptor 36	144	0	0	**Low**	25
Receptor 37	0	0	0	**None**	N/A

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 38	0	0	0	**None**	N/A
Receptor 39	180	0	0	**Low**	10
Receptor 40	638	0	0	**Low**	10
Receptor 41	882	14	0	**High**	10
Receptor 42	937	50	0	**High**	10
Receptor 43	1984	421	0	**High**	10
Receptor 44	1508	2027	0	**High**	25
Receptor 45	2252	1852	0	**High**	25
Receptor 46	2345	2321	0	**High**	25
Receptor 47	2778	1717	0	**High**	25
Receptor 48	2663	1048	0	**High**	25
Receptor 49	1094	1209	0	**High**	25
Receptor 50	1167	729	0	**High**	25
Receptor 51	1448	125	0	**High**	25
Receptor 52	73	0	0	**Low**	25
Receptor 53	350	0	0	**Low**	25
Receptor 54	0	0	0	**None**	N/A
Receptor 55	0	0	0	**None**	N/A
Receptor 56	0	0	0	**None**	N/A
Receptor 57	0	0	0	**None**	N/A
Receptor 58	0	0	0	**None**	N/A
Receptor 59	0	0	0	**None**	N/A
Receptor 60	0	0	0	**None**	N/A
Receptor 61	0	0	0	**None**	N/A
Receptor 62	0	0	0	**None**	N/A

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 63	0	0	0	**None**	N/A
Receptor 64	0	0	0	**None**	N/A
Receptor 65	0	0	0	**None**	N/A
Receptor 66	289	0	0	**Low**	10
Receptor 67	0	0	0	**None**	N/A
Receptor 68	0	0	0	**None**	N/A
Receptor 69	0	0	0	**None**	N/A
Receptor 70	0	0	0	**None**	N/A
Receptor 71	0	0	0	**None**	N/A
Receptor 72	18	0	0	**Low**	25
Receptor 73	457	0	0	**Low**	25
Receptor 74	0	0	0	**None**	N/A
Receptor 75	0	0	0	**None**	N/A
Receptor 76	0	0	0	**None**	N/A
Receptor 77	0	0	0	**None**	N/A
Receptor 78	0	0	0	**None**	N/A
Receptor 79	16	0	0	**Low**	10
Receptor 80	157	0	0	**Low**	10
Receptor 81	742	0	0	**Low**	10
Receptor 82	1758	17	0	**High**	10
Receptor 83	2409	615	0	**High**	10
Receptor 84	2089	2920	0	**High**	25
Receptor 85	2460	3334	0	**High**	25
Receptor 86	2797	3759	0	**High**	25
Receptor 87	2985	3400	0	**High**	25

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 88	1883	3143	0	**High**	25
Receptor 89	1111	3123	0	**High**	25
Receptor 90	861	2796	0	**High**	25
Receptor 91	691	2604	0	**High**	25
Receptor 92	0	0	0	**None**	N/A
Receptor 93	0	0	0	**None**	N/A
Receptor 94	0	0	0	**None**	N/A
Receptor 95	0	0	0	**None**	N/A
Receptor 96	0	0	0	**None**	N/A
Receptor 97	1191	0	0	**Low**	10
Receptor 98	2837	0	0	**Low**	10
Receptor 99	3679	0	0	**Low**	10
Receptor 100	1437	15	0	**High**	10
Receptor 101	2669	55	0	**High**	25
Receptor 102	3427	169	0	**High**	25
Receptor 103	3786	120	0	**High**	25
Receptor 104	3647	98	0	**High**	10
Receptor 105	3755	27	0	**High**	10
Receptor 106	3738	217	0	**High**	25
Receptor 107	4448	56	0	**High**	10
Receptor 108	4393	115	0	**High**	10
Receptor 109	2869	94	0	**High**	10
Receptor 110	2059	65	0	**High**	25
Receptor 111	1251	0	0	**Low**	10
Receptor 112	2418	109	0	**High**	10

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 113	1891	0	0	**Low**	10
Receptor 114	1789	68	0	**High**	25
Receptor 115	4844	719	0	**High**	25
Receptor 116	4029	1460	0	**High**	10
Receptor 117	3553	1845	0	**High**	10
Receptor 118	1959	3043	0	**High**	10
Receptor 119	2323	2774	0	**High**	10
Receptor 120	1969	1961	0	**High**	10
Receptor 121	622	1987	0	**High**	10
Receptor 122	708	1837	0	**High**	10
Receptor 123	296	0	0	**Low**	25
Receptor 124	152	0	0	**Low**	25
Receptor 125	902	0	0	**Low**	25
Receptor 126	848	0	0	**Low**	25
Receptor 127	58	0	0	**Low**	10
Receptor 128	62	0	0	**Low**	25
Receptor 129	44	0	0	**Low**	25
Receptor 130	31	0	0	**Low**	10
Receptor 131	38	0	0	**Low**	10

6.2.34. As can be seen in Table 14, there are 63 receptors with potential glare impacts with "potential for after-image" (Yellow Glare), which is a **High** impact. There are 35 receptor points have potential glare impacts with the "low potential for after-image" (Green Glare), which is a **Low** impact.

6.2.35. **Annex X** shows Google Earth images taken towards the Solar Development Area location at each of the receptor points where an impact is anticipated. The first image is a ground level terrain view and is based on the height data of the surrounding land showing no intervening vegetation or buildings. The Solar

Development Area has been drawn as a white polygon and can be seen on the images when the Solar Development Area is theoretically visible. The area of the Solar Development Area from where reflections may be possible has been drawn as a yellow or green polygon. The second image is a street view image pointing in the same direction as the terrain image. This gives a good indication as to whether the area of the Solar Development Area where reflections are theoretically possible will be visible from the receptor point. For some receptors, a field of view (FOV) has been drawn between two red lines, where the glare is situated outside this FOV, and therefore the impact is reduced to None.

6.2.36. As can be seen in **Annex X**, views of the Solar Development Area from those receptors with a potential glare impact, except receptors 8, 9, 11, 13, 15, 24, 25, 27 – 32, 34, 42, 45 - 48, 53, 83 – 91, 106 – 108 and 115 – 122 and 127 - 131 are blocked by a mixture of intervening vegetation, topography and buildings or are outside the field of view of the driver. Therefore, impacts upon these receptors reduce to **None**. The main source of solar reflection upon receptors 8, 9, 11, 13, 15, 24, 25, 27 – 32, 34, 42, 45 - 48, 53, 83 – 91, 106 – 108 and 115 - 122 will be the sun. Therefore, the impact upon these receptors reduces to **Low.**

Land Parcels A, B and C (Solar Development Area West) Bridleway Receptors

6.2.37. Table 15 shows a summary of the modelling results for each of the Land Parcels A, B and C Bridleway Receptor Points whilst the detailed results and ocular impact charts can be viewed in **Annex T and U**.

6.2.38. **Annex T and U** show the analysis for Land Parcels A, B and C bridleway receptors with the solar panels modelled as fixed tilt at angles of between 10 and 25 degrees.

6.2.39. There are no receptors within the no-reflection zones outlined previously and therefore none have been excluded from the detailed modelling.

Table 15: Potential for Glint and Glare Impact on Land Parcels A, B and C Bridleway Receptors

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 1	1254	0	0	Low	10
Receptor 2	1472	0	0	Low	25

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 3	28	0	0	Low	25
Receptor 4	903	0	0	Low	25
Receptor 5	1062	0	0	Low	25
Receptor 6	2644	252	0	High	10
Receptor 7	3767	1450	0	High	10
Receptor 8	1801	2467	0	High	25
Receptor 9	2360	2627	0	High	25
Receptor 10	2369	2767	0	High	25
Receptor 11	1603	2242	0	High	25
Receptor 12	994	2699	0	High	25
Receptor 13	1094	416	0	High	25
Receptor 14	1834	861	0	High	25
Receptor 15	1001	392	0	High	25
Receptor 16	1158	466	0	High	25
Receptor 17	872	51	0	High	25
Receptor 18	1289	341	0	High	25
Receptor 19	831	82	0	High	25
Receptor 20	967	23	0	High	25
Receptor 21	1046	29	0	High	25
Receptor 22	1046	3	0	High	25
Receptor 23	1097	0	0	Low	25
Receptor 24	1219	0	0	Low	25

6.2.40. As can be seen in Table 15, there are 17 receptors with potential glare impacts with “potential for after-image” (Yellow Glare), which is a **High** impact. There are seven receptor points have potential glare impacts with the “low potential for after-image” (Green Glare), which is a **Low** impact.

6.2.41. **Annex X** shows Google Earth images taken towards the Solar Development Area location at each of the receptor points where an impact is anticipated. The first image is a ground level terrain view and is based on the height data of the surrounding land showing no intervening vegetation or buildings. The Solar Development Area has been drawn as a white polygon and can be seen on the images when the Solar Development Area is theoretically visible. The area of the Solar Development Area from where reflections may be possible has been drawn as a yellow or green polygon. The second image is a street view image pointing in the same direction as the terrain image. This gives a good indication as to whether the area of the Solar Development Area where reflections are theoretically possible will be visible from the receptor point.

6.2.42. As can be seen in **Annex X**, views of the Solar Development Area from those receptors with a potential glare impact, except receptors 6 – 15 and –19 - 24, are blocked by a mixture of intervening vegetation, topography and buildings. Therefore, impacts upon these receptors reduce to **None**. The main source of solar reflection upon receptors 6 – 15 and –19 - 24 will be the sun. Therefore, the impact upon these receptors reduces to **Low**.

Land Parcels A, B and C (Solar Development Area West) Aviation Receptors

6.2.43. Table 16 shows a summary of the modelling results for each of the runway approach paths and the ATCT's, whilst the detailed results and ocular impact charts can be viewed in **Annex V and W**.

Table 16: Summary of Land Parcels A, B and C Aviation Glare Results

Component	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Worst Case Tilt Angle (Degrees)
Fenland Airfield				
Runway 08	0	0	0	N/A
Runway 26	0	0	0	N/A
Runway 18	0	0	0	N/A
Runway 36	0	0	0	N/A
ATCT	0	0	0	N/A
Crowland Airfield				
Runway 03	15342	5677	0	25
Runway 21	0	0	0	N/A
Runway 08	16057	34591	0	10
Runway 26	19381	27041	0	10

6.2.44. As can be seen in Table 16, there are no glare impacts predicted for the runway approach paths or ATCT at Fenland Airfield or the Runway 21 approach path at Crowland Airfield from Land Parcels A, B and C. Yellow glare and green glare are predicted to impact the Runway 03, 08 and 26 approach paths at Crowland Airfield from Land Parcels A, B and C.

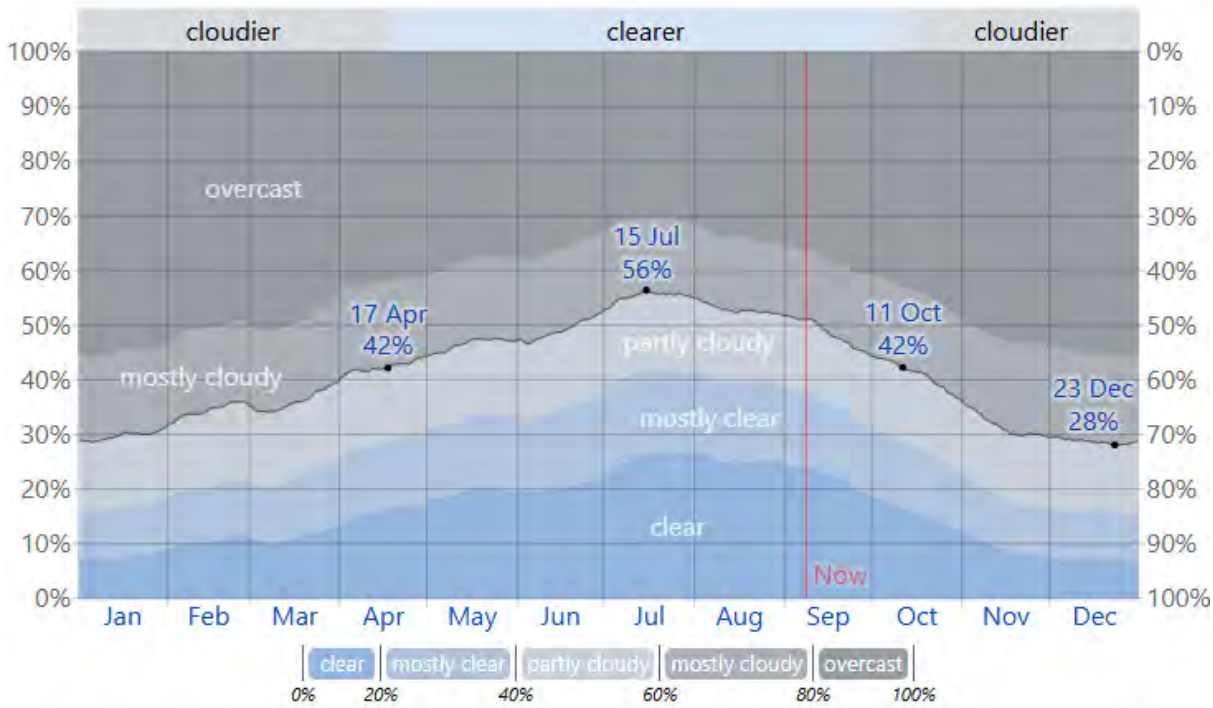
6.2.45. Fenland Airfield: No glare from Land Parcels A, B and C is predicted to impact the airfield. The impact upon Fenland Airfield from Land Parcels A, B and C is therefore **None**.

6.2.46. Crowland Airfield: Yellow and green glare is predicted to impact the Runway 03, 08 and 26 approach paths.

6.2.47. As outlined in **paragraph 4.3.6** the sun's reflections will be far greater than those reflections from the solar array. Pilots on approach are often landing into the sun at sunset or sunrise. The sun's impact can be mitigated by wearing sunglasses, using darkened cockpit sun visors, overflying and inspecting the runway, landing in the opposite direction if wind conditions allow and planning their flight to land outside the times when sun glare, if possible. In addition, given the glare impacts which occur at or just after sunrise and the type of aircraft using these airfields, it is unlikely that these aircraft will be setting off early enough to arrive at the

times at which glare is predicted to occur for approaches to Runway 03 and 08 approach paths. The impact is further mitigated by the operating hours of the airfield being limited to weekends and bank holidays throughout the year and most Wednesdays during the summer months starting in April, between the hours of 08:30 UTC and 17:00 UTC with the impacts predicted to occur before 09:00 UTC. Additionally, as shown in Plate 6-1, during the months where glint and glare is predicted, the weather at Crowland Airfield is overcast or mostly cloudy for approximately 50% of the time.

Plate 6-1: Cloud Cover at Crowland Airfield[15]



The percentage of time spent in each cloud cover band, categorized by the percentage of the sky covered by clouds.

Fraction	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cloudier	70%	66%	64%	58%	53%	51%	45%	47%	52%	59%	69%	71%
Clearer	30%	34%	36%	42%	47%	49%	55%	53%	48%	41%	31%	29%

[15] Weatherspark.com, Cloud Cover at Crowland, available at: https://weatherspark.com/y/45525/Average-Weather-in-Crowland-United-Kingdom-Year-Round

6.2.48. Overall impacts from Land Parcels A, B and C on Aviation receptors is therefore assessed as **Low and Not Significant.**

Land Parcel D (Solar Development Area East) Residential Receptors

6.2.49. Table 17 identifies the receptors that will experience solar reflections based on solar reflection modelling and whether the reflections will be experienced in the morning (AM), evening (PM), or both.

6.2.50. The 22 receptors which were within the no-reflection zones outlined previously have been excluded from the detailed modelling as they would never receive any glint and glare impacts from the Scheme.

6.2.51. **Annex B - E** shows the analysis with the solar panels modelled as fixed tilt at angles of between 10 and 25 degrees. **Annex B and C** shows the analysis for receptors 1 – 60 and 61 – 112 respectively with a tilt angle of 10 degrees. **Annex D and E** show the analysis for receptors 1 – 60 and 61 – 112 respectively with a tilt angle of 25 degrees.

6.2.52. Table 17 shows the worst-case impact at each receptor, based on a theoretical modelled impact without consideration of local vegetation or other obstacles and assuming no cloud at any point in the year.

Table 17: Potential for Glint and Glare Impact on Land Parcel D Residential Receptors

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
Receptor 1	N/A	N/A	0	0	**None**	N/A
Receptor 2	N/A	N/A	0	0	**None**	N/A
Receptor 3	N/A	N/A	0	0	**None**	N/A
Receptor 4	N/A	N/A	0	0	**None**	N/A
Receptor 5	N/A	N/A	0	0	**None**	N/A
Receptor 6	N/A	N/A	0	0	**None**	N/A
Receptor 7	N/A	N/A	0	0	**None**	N/A
Receptor 8	N/A	N/A	0	0	**None**	N/A

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
Receptor 9	N/A	N/A	0	0	**None**	N/A
Receptor 10	Yes	No	97	1.62	**Low**	25
Receptor 11	Yes	No	53	0.88	**Low**	25
Receptor 12	Yes	No	720	12.00	**Low**	25
Receptor 13	N/A	N/A	0	0	**None**	N/A
Receptor 14	N/A	N/A	0	0	**None**	N/A
Receptor 15	No	Yes	980	16.33	**Low**	25
Receptor 16	No	Yes	1425	23.75	**Medium**	25
Receptor 17	N/A	N/A	0	0	**None**	N/A
Receptor 18	No	Yes	263	4.38	**Low**	25
Receptor 19	N/A	N/A	0	0	**None**	N/A
Receptor 20	N/A	N/A	0	0	**None**	N/A
Receptor 21	No	Yes	176	2.93	**Low**	25
Receptor 22	No	Yes	1347	22.45	**Medium**	25
Receptor 23	No	Yes	700	11.67	**Low**	25
Receptor 24	No	Yes	349	5.82	**Low**	25
Receptor 25	No	Yes	1320	22.00	**Medium**	25
Receptor 26	N/A	N/A	0	0	**None**	N/A
Receptor 27	N/A	N/A	0	0	**None**	N/A
Receptor 28	Yes	No	53	0.88	**Low**	25
Receptor 29	N/A	N/A	0	0	**None**	N/A
Receptor 30	N/A	N/A	0	0	**None**	N/A
Receptor 31	N/A	N/A	0	0	**None**	N/A
Receptor 32	N/A	N/A	0	0	**None**	N/A

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
Receptor 33	N/A	N/A	0	0	**None**	N/A
Receptor 34	Yes	No	77	1.28	**Low**	25
Receptor 35	N/A	N/A	0	0	**None**	N/A
Receptor 36	N/A	N/A	0	0	**None**	N/A
Receptor 37	N/A	N/A	0	0	**None**	N/A
Receptor 38	N/A	N/A	0	0	**None**	N/A
Receptor 39	Yes	No	7	0.12	**Low**	25
Receptor 40	Yes	No	29	0.48	**Low**	25
Receptor 41	Yes	No	10	0.17	**Low**	25
Receptor 42	N/A	N/A	0	0	**None**	N/A
Receptor 43	Yes	No	16	0.27	**Low**	25
Receptor 44	Yes	No	12	0.20	**Low**	25
Receptor 45	N/A	N/A	0	0	**None**	N/A
Receptor 46	Yes	No	355	5.92	**Low**	25
Receptor 47	Yes	No	155	2.58	**Low**	25
Receptor 48	No	Yes	1996	33.27	**High**	25
Receptor 49	Yes	Yes	1115	18.58	**Low**	25
Receptor 50	Yes	Yes	408	6.80	**Low**	25
Receptor 51	Yes	Yes	2110	35.17	**High**	25
Receptor 52	Yes	No	316	5.27	**Low**	10
Receptor 53	N/A	N/A	0	0	**None**	N/A
Receptor 54	No	Yes	14	0.23	**Low**	10
Receptor 55	No	Yes	110	1.83	**Low**	10
Receptor 56	No	Yes	96	1.60	**Low**	10

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
Receptor 57	No	Yes	24	0.40	**Low**	10
Receptor 58	No	Yes	5	0.08	**Low**	25
Receptor 59	No	Yes	3	0.05	**Low**	25
Receptor 60	N/A	N/A	0	0	**None**	N/A
Receptor 61	No	Yes	12	0.20	**Low**	10
Receptor 62	N/A	N/A	0	0	**None**	N/A
Receptor 63	N/A	N/A	0	0	**None**	N/A
Receptor 64	N/A	N/A	0	0	**None**	N/A
Receptor 65	N/A	N/A	0	0	**None**	N/A
Receptor 66	No	Yes	54	0.90	**Low**	25
Receptor 67	No	Yes	1308	21.80	**Medium**	25
Receptor 68	No	Yes	1456	24.27	**Medium**	25
Receptor 69	No	Yes	94	1.57	**Low**	25
Receptor 70	No	Yes	1991	33.18	**High**	25
Receptor 71	No	Yes	2127	35.45	**High**	25
Receptor 72	No	Yes	1820	30.33	**High**	25
Receptor 73	No	Yes	1464	24.40	**Medium**	25
Receptor 74	No	Yes	1136	18.93	**Low**	25
Receptor 75	No	Yes	975	16.25	**Low**	25
Receptor 76	No	Yes	1367	22.78	**Medium**	25
Receptor 77	No	Yes	1478	24.63	**Medium**	25
Receptor 78	No	Yes	546	9.10	**Low**	25
Receptor 79	No	Yes	1885	31.42	**High**	25
Receptor 80	No	Yes	1227	20.45	**Medium**	25

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
Receptor 81	No	Yes	1224	20.40	**Medium**	25
Receptor 82	No	Yes	998	16.63	**Low**	10
Receptor 83	No	Yes	596	9.93	**Low**	25
Receptor 84	Yes	No	566	9.43	**Low**	25
Receptor 85	Yes	No	576	9.60	**Low**	25
Receptor 86	Yes	No	590	9.83	**Low**	25
Receptor 87	Yes	No	852	14.20	**Low**	25
Receptor 88	Yes	No	1302	21.70	**Medium**	25
Receptor 89	Yes	No	875	14.58	**Low**	10
Receptor 90	Yes	No	859	14.32	**Low**	10
Receptor 91	Yes	No	635	10.58	**Low**	10
Receptor 92	Yes	No	1095	18.25	**Low**	10
Receptor 93	Yes	No	831	13.85	**Low**	10
Receptor 94	Yes	No	591	9.85	**Low**	10
Receptor 95	Yes	No	297	4.95	**Low**	10
Receptor 96	Yes	No	772	12.87	**Low**	10
Receptor 97	Yes	No	1299	21.65	**Medium**	10
Receptor 98	Yes	No	679	11.32	**Low**	10
Receptor 99	Yes	No	690	11.50	**Low**	10
Receptor 100	Yes	No	167	2.78	**Low**	10
Receptor 101	N/A	N/A	0	0	**None**	N/A
Receptor 102	N/A	N/A	0	0	**None**	N/A
Receptor 103	N/A	N/A	0	0	**None**	N/A
Receptor 104	N/A	N/A	0	0	**None**	N/A

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
Receptor 105	N/A	N/A	0	0	**None**	N/A
Receptor 106	N/A	N/A	0	0	**None**	N/A
Receptor 107	N/A	N/A	0	0	**None**	N/A
Receptor 108	N/A	N/A	0	0	**None**	N/A
Receptor 109	N/A	N/A	0	0	**None**	N/A
Receptor 110	N/A	N/A	0	0	**None**	N/A
Receptor 111	N/A	N/A	0	0	**None**	N/A
Receptor 112	N/A	N/A	0	0	**None**	N/A

6.2.53. As can be seen in Table 17, there is a **High** impact at six receptors, **Medium** impact at 12 receptors, **Low** impact at 49 receptors and a **None** impact at 45 receptors.

6.2.54. **Annex X** shows Google Earth images that give an insight into how each receptor would be impacted by the glint and glare from the Solar Development Area. There is a mixture of images used, which include aerial, ground level and street level. The aerial images show the location of the receptor with the Scheme drawn as a white polygon and can be seen on the images when the PV panels of the Scheme are theoretically visible. The area of the Scheme from where reflections may be possible has been drawn as a yellow polygon. The ground level terrain is based on the height data of the surrounding land showing no intervening vegetation or buildings. The white and yellow polygons can be seen in this view also. The street view gives a good indication as to whether the area of the Scheme, where reflections are theoretically possible will be visible from the receptor point. It also shows where appropriate images have been taken from within the Solar Development Area that have been used to show up to date imagery. As per model results, glint and glare impacts from south facing panels are only possible at residential receptors between start of April and end of September. As such, vegetation shown in the imagery has been considered within the assessment, as it would be present when glint and glare impacts occur.

Receptor 10 (Group A Receptor 10)

6.2.55. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D3 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.56. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area, where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 11 and 12 (Group A Receptors 11 and 12)

6.2.57. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D3 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.58. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Solar Development Area. These images confirm that the vegetation is sufficient to filter views from Receptor 11 and screen all views from Receptor 12 of the Solar Development Area where glint and glare is possible. Therefore, the impact upon Receptor 11 remains **Low** and the impact upon Receptor 12 reduces to **None**.

Receptor 15 (Group A Receptor 15)

6.2.59. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D1C (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.60. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Solar Development Area. This image

confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 16 (Group A Receptor 16)

6.2.61. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a southern section of Panel Area D1C (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.62. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Receptor. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 18 (Group A Receptor 18)

6.2.63. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a central section of Panel Area D1C (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.64. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 21 (Group A Receptor 21)

6.2.65. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from an eastern section of Panel Area D1A-B (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.66. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a

street view image with a view of the vegetation to the west of the Receptor. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 22 (Group A Receptor 22)

6.2.67. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D2 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.68. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 23 (Group A Receptor 23)

6.2.69. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D2 (see **Figure 7: Appendix A**) of the Solar Development Area can potentially impact on the receptor.

6.2.70. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is insufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 24 (Group A Receptor 24)

6.2.71. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D2 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.72. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a

street view image with a view towards the Receptor. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 25 (Group A Receptor 25)

6.2.73. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a central section of Panel Area D2 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.74. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 28 (Group A Receptor 28)

6.2.75. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a southern section of Panel Area D3 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.76. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is insufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 34 (Group A Receptor 34)

6.2.77. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a central section of Panel Area D3 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.78. The first image **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that

the vegetation is insufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 39 (Group A Receptor 39)

6.2.79. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D6 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.80. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 40 (Group A Receptor 40)

6.2.81. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D6 and all of Panel Area D7 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.82. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). This image shows vegetation between the Solar Development Area and the receptor. The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 41 (Group A Receptor 41)

6.2.83. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D6 and all of Panel Area D7 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.84. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms

that the vegetation is insufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptors 43 and 44 (Group A Receptors 43 and 44)

6.2.85. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.86. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is insufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 46 (Group A Receptor 46)

6.2.87. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a southern section of Panel Area D6 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.88. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is insufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 47 (Group A Receptor 47)

6.2.89. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a southern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.90. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is insufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 48 (Group A Receptor 48)

6.2.91. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a southern section of Panel Area D6 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.92. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area. This image shows vegetation between the Solar Development Area and the receptors. The second and third images are ground level images taken from the position of Receptor 48 with view towards the Solar Development Area showing the position of the sun at 18:00 UTC on April 1st and July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.3.6**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 49 (Group A Receptor 49)

6.2.93. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D5, a northern section of Panel Area D6 and an eastern section of Panel Area D7 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.94. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second and third images were taken (red dot). The second image is a street view image with a view of the vegetation to the west of the Receptor and the third image is a street view image with am eastwards view towards the Solar Development Area. These images confirm that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 50 (Group A Receptor 50)

6.2.95. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D5 and a northern section of Panel Area D6 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.96. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second and third images were taken (red dot). The second image is a street view image with a westward view towards the Solar Development Area and the third image is a street view image with an eastward view towards the solar Development Area. These images confirm that the vegetation is insufficient to screen all views of Panel Area D6 in the Solar Development Area and is sufficient to screen all views of Panel Area D5 in the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 51 (Group A Receptor 51)

6.2.97. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a northern section of Panel Area D5 and a southern section of Panel Area D6 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.98. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second and third images were taken (red and yellow dots respectively). The second image is a street view image with view of the vegetation to the east of the Receptor and the third image is a street view image with view of the vegetation to the west of the Receptor. These images confirm that the vegetation is insufficient to screen all views of Panel Area D6 in the Solar Development Area and is sufficient to filter views of Panel Area D5 in the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **Low**.

Receptor 52 (Group A Receptor 52)

6.2.99. The 'Glare Reflections on PV Footprint' chart in **Annex B** shows that reflections from a southern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.100. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is insufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptors 54 - 56 (Group A Receptors 54 - 56)

6.2.101. The 'Glare Reflections on PV Footprint' chart in **Annex B** shows that reflections from a central section of Panel Area D3 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.102. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view of the vegetation to the west of Receptor 54. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 57 (Group A Receptor 57)

6.2.103. The 'Glare Reflections on PV Footprint' chart in **Annex B** shows that reflections from a southern section of Panel Area D3 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.104. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 58 - 59 (Group A Receptors 58 - 59)

6.2.105. The 'Glare Reflections on PV Footprint' chart in **Annex C** shows that reflections from a southern section of Panel Area D3 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.106. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 61 (Group B Receptor 1)

6.2.107. The 'Glare Reflections on PV Footprint' chart in **Annex D** shows that reflections from a southern section of Panel Area D3 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.108. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 66 (Group B Receptor 6)

6.2.109. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from a central section of Panel Area D7 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.110. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Receptor. This image confirms that the vegetation is sufficient to screen most views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 67 (Group B Receptor 7)

6.2.111. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from a central section of Panel Area D7 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.112. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Receptor. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 68 (Group B Receptor 8)

6.2.113. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from a northern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.114. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Receptor. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 69 (Group B Receptor 9)

6.2.115. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from a northern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.116. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view of the vegetation to the west of the Receptor. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 70, 74 and 75 (Group B Receptors 10, 14 and 15)

6.2.117. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from a central section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.118. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 71 (Group B Receptor 11)

6.2.119. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from a central section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.120. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area. This image shows vegetation between the Solar Development Area and the receptors. The second and third images are ground level images taken from the position of the Receptor with view towards the Solar Development Area showing the position of the sun at 18:00 UTC on April 1st and July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.3.6**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 72 (Group B Receptor 12)

6.2.121. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from a southern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.122. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 73 (Group B Receptor 13)

6.2.123. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from a central section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.124. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area. This image shows vegetation between the Solar Development Area and the receptors. The second and third images are ground level images taken from the position of the Receptor with view towards the Solar Development Area showing the position of the sun

at 18:00 UTC on April 1st and July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.3.6**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptors 76 and 77 (Group B Receptors 16 and 17)

6.2.125. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from a southern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.126. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 78 (Group B Receptors 18)

6.2.127. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from a central section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.128. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 79 - 83 (Group B Receptors 19 - 23)

6.2.129. The 'Glare Reflections on PV Footprint' chart in **Annex D and E** shows that reflections from a southern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.130. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the receptors. This image confirms that the

vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 84 (Group B Receptors 24)

6.2.131. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from all, except a southern section, of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptor.

6.2.132. The first image in **Annex X** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is insufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptors 85 - 88 (Group B Receptors 25 - 28)

6.2.133. The 'Glare Reflections on PV Footprint' chart in **Annex E** shows that reflections from all, except a southern section, of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.134. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 89 and 92 (Group B Receptors 29 and 32)

6.2.135. The 'Glare Reflections on PV Footprint' chart in **Annex D** shows that reflections from all, except a northern and a southern section, of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.136. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is insufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact remains **Low**.

Receptors 90 and 91 (Group B Receptors 30 and 31)

6.2.137. The 'Glare Reflections on PV Footprint' chart in **Annex D** shows that reflections from a southern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.138. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 93 and 94 (Group B Receptors 33 and 34)

6.2.139. The 'Glare Reflections on PV Footprint' chart in **Annex D** shows that reflections from a southern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.140. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 95 and 96 (Group B Receptors 35 and 36)

6.2.141. The 'Glare Reflections on PV Footprint' chart in **Annex D** shows that reflections from a southern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.142. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Solar Development Area where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 97 - 100 (Group B Receptors 37 - 40)

6.2.143. The 'Glare Reflections on PV Footprint' chart in **Annex D** shows that reflections from a southern section of Panel Area D5 (see **Figure 7: Annex A**) of the Solar Development Area can potentially impact on the receptors.

6.2.144. The first image in **Annex X** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Solar Development Area, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Solar Development Area. This image confirms that the vegetation is sufficient to screen all ground floor views from Receptor 97 and all views from Receptors 98 - 100 of the Solar Development Area where glint and glare is possible. Therefore, the impact upon Receptor 97 reduces to **Low** and the impact upon Receptors 98 – 100 reduces to **None**.

Land Parcel D (Solar Development Area East) Road Receptors

6.2.145. **Table 18** shows a summary of the modelling results for each of the Land Parcel D Road Receptor Points whilst the detailed results and ocular impact charts can be viewed in **Annex F - I**.

6.2.146. **Annex F - I** show the analysis with the solar panels modelled as fixed tilt at angles of between 10 and 25 degrees. **Annex F and G** show the analysis for receptors 1 – 69 and 70 - 139 respectively with a tilt angle of 10 degrees. **Annex H and I** shows the analysis for receptors 1 – 69 and 70 – 139 respectively with a tilt angle of 25 degrees.

6.2.147. The 20 receptors (140 - 159) within the no-reflection zones outlined previously have been excluded from the detailed modelling as they will never receive glint and glare impacts from the Solar Development Area.

Table 18:Potential for Glint and Glare Impact on Land Parcel D Road Receptors

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 1	1638	0	0	**Low**	25
Receptor 2	2672	4	0	**High**	25
Receptor 3	1329	5	0	**High**	25
Receptor 4	1427	24	0	**High**	25

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 5	784	0	0	**Low**	25
Receptor 6	2024	159	0	**High**	25
Receptor 7	2321	274	0	**High**	25
Receptor 8	2018	684	0	**High**	10
Receptor 9	2180	778	0	**High**	10
Receptor 10	3627	436	0	**High**	10
Receptor 11	4465	352	0	**High**	10
Receptor 12	3173	197	0	**High**	10
Receptor 13	2065	113	0	**High**	10
Receptor 14	2469	498	0	**High**	25
Receptor 15	2342	7	0	**High**	10
Receptor 16	1565	203	0	**High**	10
Receptor 17	1352	109	0	**High**	10
Receptor 18	1656	491	0	**High**	10
Receptor 19	1791	276	0	**High**	10
Receptor 20	1702	475	0	**High**	10
Receptor 21	3004	713	0	**High**	10
Receptor 22	1635	476	0	**High**	10
Receptor 23	2959	467	0	**High**	10
Receptor 24	2842	326	0	**High**	10
Receptor 25	1690	105	0	**High**	10
Receptor 26	3073	273	0	**High**	10
Receptor 27	754	0	0	**Low**	10
Receptor 28	2215	134	0	**High**	25
Receptor 29	1396	386	0	**High**	10

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 30	1378	502	0	**High**	25
Receptor 31	221	8	0	**High**	25
Receptor 32	0	0	0	**None**	N/A
Receptor 33	70	0	0	**Low**	25
Receptor 34	0	0	0	**None**	N/A
Receptor 35	0	0	0	**None**	N/A
Receptor 36	1798	666	0	**High**	10
Receptor 37	1582	50	0	**High**	10
Receptor 38	166	0	0	**Low**	10
Receptor 39	0	0	0	**None**	N/A
Receptor 40	0	0	0	**None**	N/A
Receptor 41	1420	0	0	**Low**	10
Receptor 42	1273	133	0	**High**	10
Receptor 43	813	2775	0	**High**	25
Receptor 44	2039	3190	0	**High**	10
Receptor 45	2316	3442	0	**High**	10
Receptor 46	3418	2787	0	**High**	10
Receptor 47	3513	4353	0	**High**	10
Receptor 48	2750	2613	0	**High**	10
Receptor 49	1056	3807	0	**High**	25
Receptor 50	2381	1508	0	**High**	10
Receptor 51	1604	4983	0	**High**	25
Receptor 52	3061	1823	0	**High**	10
Receptor 53	1556	819	0	**High**	10
Receptor 54	1593	648	0	**High**	10

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 55	1869	2024	0	**High**	10
Receptor 56	1778	9270	0	**High**	25
Receptor 57	1884	3389	0	**High**	10
Receptor 58	2071	7702	0	**High**	25
Receptor 59	2065	7618	0	**High**	25
Receptor 60	1849	6627	0	**High**	25
Receptor 61	2477	3808	0	**High**	10
Receptor 62	6105	1508	0	**High**	10
Receptor 63	1949	3082	0	**High**	10
Receptor 64	4648	3935	0	**High**	10
Receptor 65	3070	6185	0	**High**	25
Receptor 66	3230	3299	0	**High**	10
Receptor 67	1953	7828	0	**High**	25
Receptor 68	1006	3799	0	**High**	25
Receptor 69	0	0	0	**None**	N/A
Receptor 70	0	0	0	**None**	N/A
Receptor 71	1849	921	0	**High**	10
Receptor 72	3019	1664	0	**High**	10
Receptor 73	3502	1689	0	**High**	10
Receptor 74	3493	1657	0	**High**	10
Receptor 75	0	0	0	**None**	N/A
Receptor 76	580	0	0	**Low**	10
Receptor 77	3174	714	0	**High**	10
Receptor 78	3684	977	0	**High**	10
Receptor 79	3776	961	0	**High**	10

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 80	6289	1056	0	**High**	10
Receptor 81	9964	0	0	**Low**	10
Receptor 82	6497	704	0	**High**	25
Receptor 83	2880	0	0	**Low**	25
Receptor 84	1579	29	0	**High**	10
Receptor 85	3272	60	0	**High**	10
Receptor 86	2936	314	0	**High**	10
Receptor 87	3007	0	0	**Low**	10
Receptor 88	664	3	0	**High**	10
Receptor 89	1615	136	0	**High**	10
Receptor 90	3907	287	0	**High**	10
Receptor 91	2800	1760	0	**High**	10
Receptor 92	2979	1814	0	**High**	10
Receptor 93	2748	1084	0	**High**	10
Receptor 94	2887	1288	0	**High**	10
Receptor 95	4560	1171	0	**High**	10
Receptor 96	3608	911	0	**High**	10
Receptor 97	5487	341	0	**High**	10
Receptor 98	2705	2161	0	**High**	10
Receptor 99	3718	1313	0	**High**	10
Receptor 100	3679	1288	0	**High**	10
Receptor 101	819	2866	0	**High**	25
Receptor 102	0	0	0	**None**	N/A
Receptor 103	0	0	0	**None**	N/A
Receptor 104	0	0	0	**None**	N/A

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 105	2486	0	0	**Low**	10
Receptor 106	3859	86	0	**High**	10
Receptor 107	4599	20	0	**High**	10
Receptor 108	4729	53	0	**High**	10
Receptor 109	7246	0	0	**Low**	10
Receptor 110	8925	0	0	**Low**	10
Receptor 111	6526	0	0	**Low**	25
Receptor 112	2667	0	0	**Low**	25
Receptor 113	507	0	0	**Low**	25
Receptor 114	1821	0	0	**Low**	10
Receptor 115	2956	0	0	**Low**	10
Receptor 116	3658	52	0	**High**	25
Receptor 117	3056	0	0	**Low**	25
Receptor 118	1049	0	0	**Low**	25
Receptor 119	1870	0	0	**Low**	10
Receptor 120	2987	24	0	**High**	10
Receptor 121	3323	169	0	**High**	10
Receptor 122	3354	141	0	**High**	10
Receptor 123	3015	16	0	**High**	10
Receptor 124	2538	18	0	**High**	10
Receptor 125	4015	82	0	**High**	10
Receptor 126	4196	0	0	**Low**	10
Receptor 127	3381	308	1	**High**	25
Receptor 128	3478	416	2	**High**	10
Receptor 129	4405	34	3	**High**	10

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 130	2131	652	4	**High**	10
Receptor 131	2943	0	5	**Low**	10
Receptor 132	3556	0	6	**Low**	10
Receptor 133	3138	50	7	**High**	25
Receptor 134	2422	181	8	**High**	10
Receptor 135	0	0	9	**None**	N/A
Receptor 136	0	0	10	**None**	N/A
Receptor 137	2718	32	11	**High**	25
Receptor 138	1236	0	12	**Low**	25
Receptor 139	106	0	13	**Low**	25

6.2.148. As can be seen in Table 18, there are 100 receptors with potential glare impacts with "potential for after-image" (Yellow Glare), which is a **High** impact. There are 26 receptor points have potential glare impacts with the "low potential for after-image" (Green Glare), which is a **Low** impact. **Annex F - I** show detailed analysis of when the glint and glare impacts are possible, whilst also showing from which parts of the Solar Development Area the solar glint is reflected from.

6.2.149. **Annex X** shows Google Earth images taken towards the Solar Development Area location at each of the receptor points where an impact is anticipated. The first image is a ground level terrain view and is based on the height data of the surrounding land showing no intervening vegetation or buildings. The Solar Development Area has been drawn as a white polygon and can be seen on the images when the Solar Development Area is theoretically visible. The area of the Solar Development Area from where reflections may be possible has been drawn as a yellow or green polygon. The second image is a street view image pointing in the same direction as the terrain image. This gives a good indication as to whether the area of the Solar Development Area where reflections are theoretically possible will be visible from the receptor point. For some receptors, a field of view (FOV) has been drawn between two red lines, where the glare is situated outside this FOV, and therefore the impact is reduced to None.

6.2.150. As can be seen in **Annex X**, views of the Solar Development Area from those receptors with a potential glare impact, except receptors 12, 13, 16, 18, 19, 23 – 26, 28, 30, 31, 33, 42 – 47, 49 – 52, 56 – 68, 73, 74, 80 – 82, 84 – 86, 92, 94, 95, 98 – 101, 110, 1112, 114 – 116, 128 and 129, are blocked by a mixture of intervening vegetation, topography and buildings or are outside the field of view of the driver. Therefore, impacts upon these receptors reduce to **None**. The main source of solar reflection upon receptors 12, 13, 16, 18, 19, 23 – 26, 28, 30, 31, 33, 42 – 47, 49 – 52, 56 – 68, 73, 74, 80 – 82, 84 – 86, 92, 94, 95, 98 – 101, 110, 111, 114 – 116, 128 and 129 will be the sun. Therefore, the impact upon these receptors reduces to **Low.**

Land Parcel D (Solar Development Area East) Bridleway Receptors

6.2.151. Table 19 shows a summary of the modelling results for each of the Land Parcel D Bridleway Receptor Points whilst the detailed results and ocular impact charts can be viewed in **Annex J and K**.

6.2.152. **Annex J and K** show the analysis for Land Parcel D bridleway receptors with the solar panels modelled as fixed tilt at angles of between 10 and 25 degrees.

6.2.153. There are no receptors within the no-reflection zones outlined previously and therefore none have been excluded from the detailed modelling.

Table 19: Potential for Glint and Glare Impact on Land Parcel D Bridleway Receptors

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 1	69	0	0	**Low**	25
Receptor 2	77	0	0	**Low**	25
Receptor 3	1316	228	0	**High**	25
Receptor 4	1458	378	0	**High**	25
Receptor 5	1346	624	0	**High**	25
Receptor 6	1380	959	0	**High**	10
Receptor 7	1248	1275	0	**High**	10
Receptor 8	1940	3323	0	**High**	25
Receptor 9	1940	3434	0	**High**	25

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude	Worst Case Tilt Angle (Degrees)
Receptor 10	1887	2732	0	**High**	25
Receptor 11	1788	2672	0	**High**	25
Receptor 12	4071	1840	0	**High**	10
Receptor 13	690	1928	0	**High**	25
Receptor 14	802	1687	0	**High**	25
Receptor 15	2170	3219	0	**High**	25
Receptor 16	602	2046	0	**High**	25

6.2.154. As can be seen in Table 19, there are 14 receptors with potential glare impacts with "potential for after-image" (Yellow Glare), which is a **High** impact. There are two receptor points have potential glare impacts with the "low potential for after-image" (Green Glare), which is a **Low** impact.

6.2.155. **Annex X** shows Google Earth images taken towards the Solar Development Area location at each of the receptor points where an impact is anticipated. The first image is a ground level terrain view and is based on the height data of the surrounding land showing no intervening vegetation or buildings. The Solar Development Area has been drawn as a white polygon and can be seen on the images when the Solar Development Area is theoretically visible. The area of the Solar Development Area from where reflections may be possible has been drawn as a yellow or green polygon. The second image is a street view image pointing in the same direction as the terrain image. This gives a good indication a good indication as to whether the area of the Solar Development Area where reflections are theoretically possible will be visible from the receptor point.

6.2.156. As can be seen in **Annex X**, the main source of solar reflection upon receptors 1 - 16 will be the sun. Therefore, the impact upon these receptors reduces to **Low**.

Land Parcel D (Solar Development Area East) Aviation Receptors

6.2.157. **Table 20** shows a summary of the modelling results for each of the runway approach paths and the ATCT's, whilst the detailed results and ocular impact charts can be viewed in **Annex L and M**.

Table 20: Summary of Land Parcel D Aviation Glare Results

Component	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Worst Case Tilt Angle (Degrees)
Fenland Airfield				
Runway 08	3961	0	0	10
Runway 26	0	0	0	N/A
Runway 18	0	0	0	N/A
Runway 36	0	0	0	N/A
ATCT	0	0	0	N/A
Crowland Airfield				
Runway 03	5190	0	0	25
Runway 21	0	0	0	N/A
Runway 08	6358	0	0	10
Runway 26	0	0	0	N/A

6.2.158. As can be seen in Table 20, there are no glare impacts predicted for the Runway 26, 18 and 36 approach paths or ATCT or the Runway 21 and 26 approach paths at Crowland Airfield from Land Parcel D. Only green glare is predicted to impact the Runway 08 approach path at Fenland Airfield and the Runway 03 and 08 approach paths at Crowland Airfield from Land Parcel D.

6.2.159. Fenland Airfield: Green glare is an **acceptable impact** upon pilots on approach to runways/helipads according to FAA guidance. The operating hours of the airfield during the summer months are between 08:00 UTC and 16:00 UTC, and the impacts are predicted to occur before 07:00 UTC. Therefore, the impact upon Fenland Airfield is **None**.

6.2.160. Crowland Airfield: Green glare is an **acceptable impact** upon pilots on approach to runways/helipads according to FAA guidance. The impact upon Crowland Airfield is therefore **acceptable** and **Not Significant**

6.2.161. Overall impacts on Aviation receptors from Land Parcel D is **Low and Not Significant**.

7. Ground Based Receptor Mitigation

7.1.1. Mitigation measures are not required due to all impacts being **Low** or **None**.

7.1.2. Table 21 to

7.1.3. Table 26 show the impacts at each stage of the glint and glare analysis, with the final residual impacts considered following the visibility assessment.

Table 21: Residual Glint and Glare Impacts on Land Parcels A, B and C Residential Receptors

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 1	None	None	**None**
Receptor 2	Low	None	**None**
Receptor 3	None	None	**None**
Receptor 4	None	None	**None**
Receptor 5	None	None	**None**
Receptor 6	Low	None	**None**
Receptor 7	Low	Low	**Low**
Receptor 8	None	None	**None**
Receptor 9	Low	None	**None**
Receptor 10	Low	None	**None**
Receptor 11	None	None	**None**
Receptor 12	None	None	**None**
Receptor 13	None	None	**None**
Receptor 14	None	None	**None**
Receptor 15	None	None	**None**
Receptor 16	None	None	**None**
Receptor 17	None	None	**None**
Receptor 18	None	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 19	None	None	**None**
Receptor 20	None	None	**None**
Receptor 21	None	None	**None**
Receptor 22	None	None	**None**
Receptor 23	None	None	**None**
Receptor 24	None	None	**None**
Receptor 25	None	None	**None**
Receptor 26	None	None	**None**
Receptor 27	None	None	**None**
Receptor 28	None	None	**None**
Receptor 29	Low	Low	**Low**
Receptor 30	High	Low	**Low**
Receptor 31	None	None	**None**
Receptor 32	None	None	**None**
Receptor 33	Low	None	**None**
Receptor 34	Low	None	**None**
Receptor 35	Low	None	**None**
Receptor 36	None	None	**None**
Receptor 37	Low	None	**None**
Receptor 38	None	None	**None**
Receptor 39	None	None	**None**
Receptor 40	None	None	**None**
Receptor 41	None	None	**None**
Receptor 42	None	None	**None**
Receptor 43	None	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 44	None	None	**None**
Receptor 45	None	None	**None**
Receptor 46	None	None	**None**
Receptor 47	None	None	**None**
Receptor 48	None	None	**None**
Receptor 49	None	None	**None**
Receptor 50	None	None	**None**
Receptor 51	None	None	**None**
Receptor 52	None	None	**None**
Receptor 53	None	None	**None**
Receptor 54	None	None	**None**
Receptor 55	None	None	**None**
Receptor 56	None	None	**None**
Receptor 57	None	None	**None**
Receptor 58	None	None	**None**
Receptor 59	None	None	**None**
Receptor 60	None	None	**None**
Receptor 61	None	None	**None**
Receptor 62	None	None	**None**
Receptor 63	None	None	**None**
Receptor 64	None	None	**None**
Receptor 65	None	None	**None**
Receptor 66	None	None	**None**
Receptor 67	Low	None	**None**
Receptor 68	Low	Low	**Low**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 69	Low	Low	**Low**
Receptor 70	Low	Low	**Low**
Receptor 71	None	None	**None**

Table 22: Residual Glint and Glare Impacts on Land Parcels A, B and C Road Receptors

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 1	High	None	**None**
Receptor 2	High	None	**None**
Receptor 3	High	None	**None**
Receptor 4	High	None	**None**
Receptor 5	Low	None	**None**
Receptor 6	Low	None	**None**
Receptor 7	High	None	**None**
Receptor 8	Low	Low	**Low**
Receptor 9	High	Low	**Low**
Receptor 10	High	None	**None**
Receptor 11	High	Low	**Low**
Receptor 12	Low	None	**None**
Receptor 13	High	Low	**Low**
Receptor 14	Low	None	**None**
Receptor 15	High	Low	**Low**
Receptor 16	Low	None	**None**
Receptor 17	Low	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 18	None	None	**None**
Receptor 19	Low	None	**None**
Receptor 20	Low	None	**None**
Receptor 21	None	None	**None**
Receptor 22	None	None	**None**
Receptor 23	None	None	**None**
Receptor 24	Low	Low	**Low**
Receptor 25	High	Low	**Low**
Receptor 26	High	None	**None**
Receptor 27	High	Low	**Low**
Receptor 28	High	Low	**Low**
Receptor 29	High	Low	**Low**
Receptor 30	High	Low	**Low**
Receptor 31	High	Low	**Low**
Receptor 32	High	Low	**Low**
Receptor 33	High	None	**None**
Receptor 34	High	Low	**Low**
Receptor 35	High	None	**None**
Receptor 36	Low	None	**None**
Receptor 37	None	None	**None**
Receptor 38	None	None	**None**
Receptor 39	Low	None	**None**
Receptor 40	Low	None	**None**
Receptor 41	High	None	**None**
Receptor 42	High	Low	**Low**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 43	High	None	**None**
Receptor 44	High	None	**None**
Receptor 45	High	Low	**Low**
Receptor 46	High	Low	**Low**
Receptor 47	High	Low	**Low**
Receptor 48	High	Low	**Low**
Receptor 49	High	None	**None**
Receptor 50	High	None	**None**
Receptor 51	High	None	**None**
Receptor 52	Low	None	**None**
Receptor 53	Low	Low	**Low**
Receptor 54	None	None	**None**
Receptor 55	None	None	**None**
Receptor 56	None	None	**None**
Receptor 57	None	None	**None**
Receptor 58	None	None	**None**
Receptor 59	None	None	**None**
Receptor 60	None	None	**None**
Receptor 61	None	None	**None**
Receptor 62	None	None	**None**
Receptor 63	None	None	**None**
Receptor 64	None	None	**None**
Receptor 65	None	None	**None**
Receptor 66	Low	None	**None**
Receptor 67	None	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 68	None	None	**None**
Receptor 69	None	None	**None**
Receptor 70	None	None	**None**
Receptor 71	None	None	**None**
Receptor 72	Low	None	**None**
Receptor 73	Low	None	**None**
Receptor 74	None	None	**None**
Receptor 75	None	None	**None**
Receptor 76	None	None	**None**
Receptor 77	None	None	**None**
Receptor 78	None	None	**None**
Receptor 79	Low	None	**None**
Receptor 80	Low	None	**None**
Receptor 81	Low	None	**None**
Receptor 82	High	None	**None**
Receptor 83	High	Low	**Low**
Receptor 84	High	Low	**Low**
Receptor 85	High	Low	**Low**
Receptor 86	High	Low	**Low**
Receptor 87	High	Low	**Low**
Receptor 88	High	Low	**Low**
Receptor 89	High	Low	**Low**
Receptor 90	High	Low	**Low**
Receptor 91	High	Low	**Low**
Receptor 92	None	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 93	None	None	**None**
Receptor 94	None	None	**None**
Receptor 95	None	None	**None**
Receptor 96	None	None	**None**
Receptor 97	Low	None	**None**
Receptor 98	Low	None	**None**
Receptor 99	Low	None	**None**
Receptor 100	High	None	**None**
Receptor 101	High	None	**None**
Receptor 102	High	None	**None**
Receptor 103	High	None	**None**
Receptor 104	High	None	**None**
Receptor 105	High	None	**None**
Receptor 106	High	Low	**Low**
Receptor 107	High	Low	**Low**
Receptor 108	High	Low	**Low**
Receptor 109	High	None	**None**
Receptor 110	High	None	**None**
Receptor 111	Low	None	**None**
Receptor 112	High	None	**None**
Receptor 113	Low	None	**None**
Receptor 114	High	None	**None**
Receptor 115	High	Low	**Low**
Receptor 116	High	Low	**Low**
Receptor 117	High	Low	**Low**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 118	High	Low	**Low**
Receptor 119	High	Low	**Low**
Receptor 120	High	Low	**Low**
Receptor 121	High	Low	**Low**
Receptor 122	High	Low	**Low**
Receptor 123	Low	None	**None**
Receptor 124	Low	None	**None**
Receptor 125	Low	None	**None**
Receptor 126	Low	None	**None**
Receptor 127	Low	None	**None**
Receptor 128	Low	None	**None**
Receptor 129	Low	None	**None**
Receptor 130	Low	None	**None**
Receptor 131	Low	None	**None**

Table 23: Residual Glint and Glare Impacts on Land Parcels A, B and C Bridleway Receptors

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 1	Low	None	**None**
Receptor 2	Low	None	**None**
Receptor 3	Low	None	**None**
Receptor 4	Low	None	**None**
Receptor 5	Low	None	**None**
Receptor 6	High	Low	**Low**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 7	High	Low	**Low**
Receptor 8	High	Low	**Low**
Receptor 9	High	Low	**Low**
Receptor 10	High	Low	**Low**
Receptor 11	High	Low	**Low**
Receptor 12	High	Low	**Low**
Receptor 13	High	Low	**Low**
Receptor 14	High	Low	**Low**
Receptor 15	High	Low	**Low**
Receptor 16	High	None	**None**
Receptor 17	High	None	**None**
Receptor 18	High	None	**None**
Receptor 19	High	None	**None**
Receptor 20	High	None	**None**
Receptor 21	High	None	**None**
Receptor 22	High	Low	**Low**
Receptor 23	Low	Low	**Low**
Receptor 24	Low	Low	**Low**

Table 24: Residual Glint and Glare Impacts on Land Parcel D Residential Receptors

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 1	None	None	**None**
Receptor 2	None	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 3	None	None	**None**
Receptor 4	None	None	**None**
Receptor 5	None	None	**None**
Receptor 6	None	None	**None**
Receptor 7	None	None	**None**
Receptor 8	None	None	**None**
Receptor 9	None	None	**None**
Receptor 10	Low	None	**None**
Receptor 11	Low	Low	**Low**
Receptor 12	Low	None	**None**
Receptor 13	None	None	**None**
Receptor 14	None	None	**None**
Receptor 15	Low	None	**None**
Receptor 16	Medium	None	**None**
Receptor 17	None	None	**None**
Receptor 18	Low	None	**None**
Receptor 19	None	None	**None**
Receptor 20	None	None	**None**
Receptor 21	Low	None	**None**
Receptor 22	Medium	None	**None**
Receptor 23	Low	Low	**Low**
Receptor 24	Low	None	**None**
Receptor 25	Medium	None	**None**
Receptor 26	None	None	**None**
Receptor 27	None	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 28	Low	Low	**Low**
Receptor 29	None	None	**None**
Receptor 30	None	None	**None**
Receptor 31	None	None	**None**
Receptor 32	None	None	**None**
Receptor 33	None	None	**None**
Receptor 34	Low	Low	**Low**
Receptor 35	None	None	**None**
Receptor 36	None	None	**None**
Receptor 37	None	None	**None**
Receptor 38	None	None	**None**
Receptor 39	Low	None	**None**
Receptor 40	Low	None	**None**
Receptor 41	Low	Low	**Low**
Receptor 42	None	None	**None**
Receptor 43	Low	Low	**Low**
Receptor 44	Low	Low	**Low**
Receptor 45	None	None	**None**
Receptor 46	Low	Low	**Low**
Receptor 47	Low	Low	**Low**
Receptor 48	High	Low	**Low**
Receptor 49	Low	None	**None**
Receptor 50	Low	Low	**Low**
Receptor 51	High	Low	**Low**
Receptor 52	Low	Low	**Low**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 53	None	None	**None**
Receptor 54	Low	None	**None**
Receptor 55	Low	None	**None**
Receptor 56	Low	None	**None**
Receptor 57	Low	None	**None**
Receptor 58	Low	None	**None**
Receptor 59	Low	None	**None**
Receptor 60	None	None	**None**
Receptor 61	Low	None	**None**
Receptor 62	None	None	**None**
Receptor 63	None	None	**None**
Receptor 64	None	None	**None**
Receptor 65	None	None	**None**
Receptor 66	Low	Low	**Low**
Receptor 67	Medium	None	**None**
Receptor 68	Medium	None	**None**
Receptor 69	Low	None	**None**
Receptor 70	High	None	**None**
Receptor 71	High	Low	**Low**
Receptor 72	High	None	**None**
Receptor 73	Medium	Low	**Low**
Receptor 74	Low	None	**None**
Receptor 75	Low	None	**None**
Receptor 76	Medium	None	**None**
Receptor 77	Medium	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 78	Low	None	**None**
Receptor 79	High	None	**None**
Receptor 80	Medium	None	**None**
Receptor 81	Medium	None	**None**
Receptor 82	Low	None	**None**
Receptor 83	Low	None	**None**
Receptor 84	Low	Low	**Low**
Receptor 85	Low	None	**None**
Receptor 86	Low	None	**None**
Receptor 87	Low	None	**None**
Receptor 88	Medium	None	**None**
Receptor 89	Low	Low	**Low**
Receptor 90	Low	None	**None**
Receptor 91	Low	None	**None**
Receptor 92	Low	Low	**Low**
Receptor 93	Low	None	**None**
Receptor 94	Low	None	**None**
Receptor 95	Low	None	**None**
Receptor 96	Low	None	**None**
Receptor 97	Medium	Low	**Low**
Receptor 98	Low	None	**None**
Receptor 99	Low	None	**None**
Receptor 100	Low	None	**None**
Receptor 101	None	None	**None**
Receptor 102	None	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 103	None	None	**None**
Receptor 104	None	None	**None**
Receptor 105	None	None	**None**
Receptor 106	None	None	**None**
Receptor 107	None	None	**None**
Receptor 108	None	None	**None**
Receptor 109	None	None	**None**
Receptor 110	None	None	**None**
Receptor 111	None	None	**None**
Receptor 112	None	None	**None**

Table 25: Residual Glint and Glare Impacts on Land Parcel D Road Receptors

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 1	Low	None	**None**
Receptor 2	High	None	**None**
Receptor 3	High	None	**None**
Receptor 4	High	None	**None**
Receptor 5	Low	None	**None**
Receptor 6	High	None	**None**
Receptor 7	High	None	**None**
Receptor 8	High	None	**None**
Receptor 9	High	None	**None**
Receptor 10	High	None	**None**
Receptor 11	High	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 12	High	Low	**Low**
Receptor 13	High	Low	**Low**
Receptor 14	High	None	**None**
Receptor 15	High	None	**None**
Receptor 16	High	Low	**Low**
Receptor 17	High	None	**None**
Receptor 18	High	Low	**Low**
Receptor 19	High	Low	**Low**
Receptor 20	High	None	**None**
Receptor 21	High	None	**None**
Receptor 22	High	None	**None**
Receptor 23	High	Low	**Low**
Receptor 24	High	Low	**Low**
Receptor 25	High	Low	**Low**
Receptor 26	High	Low	**Low**
Receptor 27	Low	None	**None**
Receptor 28	High	Low	**Low**
Receptor 29	High	None	**None**
Receptor 30	High	Low	**Low**
Receptor 31	High	Low	**Low**
Receptor 32	None	None	**None**
Receptor 33	Low	Low	**Low**
Receptor 34	None	None	**None**
Receptor 35	None	None	**None**
Receptor 36	High	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 37	High	None	**None**
Receptor 38	Low	None	**None**
Receptor 39	None	None	**None**
Receptor 40	None	None	**None**
Receptor 41	Low	None	**None**
Receptor 42	High	Low	**Low**
Receptor 43	High	Low	**Low**
Receptor 44	High	Low	**Low**
Receptor 45	High	Low	**Low**
Receptor 46	High	Low	**Low**
Receptor 47	High	Low	**Low**
Receptor 48	High	None	**None**
Receptor 49	High	Low	**Low**
Receptor 50	High	Low	**Low**
Receptor 51	High	Low	**Low**
Receptor 52	High	Low	**Low**
Receptor 53	High	None	**None**
Receptor 54	High	None	**None**
Receptor 55	High	None	**None**
Receptor 56	High	Low	**Low**
Receptor 57	High	Low	**Low**
Receptor 58	High	Low	**Low**
Receptor 59	High	Low	**Low**
Receptor 60	High	Low	**Low**
Receptor 61	High	Low	**Low**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 62	High	Low	**Low**
Receptor 63	High	Low	**Low**
Receptor 64	High	Low	**Low**
Receptor 65	High	Low	**Low**
Receptor 66	High	Low	**Low**
Receptor 67	High	Low	**Low**
Receptor 68	High	Low	**Low**
Receptor 69	None	None	**None**
Receptor 70	None	None	**None**
Receptor 71	High	None	**None**
Receptor 72	High	None	**None**
Receptor 73	High	Low	**Low**
Receptor 74	High	Low	**Low**
Receptor 75	None	None	**None**
Receptor 76	Low	None	**None**
Receptor 77	High	None	**None**
Receptor 78	High	None	**None**
Receptor 79	High	None	**None**
Receptor 80	High	Low	**Low**
Receptor 81	Low	Low	**Low**
Receptor 82	High	Low	**Low**
Receptor 83	Low	None	**None**
Receptor 84	High	Low	**Low**
Receptor 85	High	Low	**Low**
Receptor 86	High	Low	**Low**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 87	Low	None	**None**
Receptor 88	High	None	**None**
Receptor 89	High	None	**None**
Receptor 90	High	None	**None**
Receptor 91	High	None	**None**
Receptor 92	High	Low	**Low**
Receptor 93	High	None	**None**
Receptor 94	High	Low	**Low**
Receptor 95	High	Low	**Low**
Receptor 96	High	None	**None**
Receptor 97	High	None	**None**
Receptor 98	High	Low	**Low**
Receptor 99	High	Low	**Low**
Receptor 100	High	Low	**Low**
Receptor 101	High	Low	**Low**
Receptor 102	None	None	**None**
Receptor 103	None	None	**None**
Receptor 104	None	None	**None**
Receptor 105	Low	None	**None**
Receptor 106	High	None	**None**
Receptor 107	High	None	**None**
Receptor 108	High	None	**None**
Receptor 109	Low	None	**None**
Receptor 110	Low	Low	**Low**
Receptor 111	Low	Low	**Low**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 112	Low	None	**None**
Receptor 113	Low	None	**None**
Receptor 114	Low	Low	**Low**
Receptor 115	Low	Low	**Low**
Receptor 116	High	Low	**Low**
Receptor 117	Low	None	**None**
Receptor 118	Low	None	**None**
Receptor 119	Low	None	**None**
Receptor 120	High	None	**None**
Receptor 121	High	None	**None**
Receptor 122	High	None	**None**
Receptor 123	High	None	**None**
Receptor 124	High	None	**None**
Receptor 125	High	None	**None**
Receptor 126	Low	None	**None**
Receptor 127	High	None	**None**
Receptor 128	High	Low	**Low**
Receptor 129	High	Low	**Low**
Receptor 130	High	None	**None**
Receptor 131	Low	None	**None**
Receptor 132	Low	None	**None**
Receptor 133	High	None	**None**
Receptor 134	High	None	**None**
Receptor 135	None	None	**None**
Receptor 136	None	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 137	High	None	**None**
Receptor 138	Low	None	**None**
Receptor 139	Low	None	**None**

Table 26: Residual Glint and Glare Impacts on Land Parcel D Bridleway Receptors

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 1	Low	Low	**Low**
Receptor 2	Low	Low	**Low**
Receptor 3	High	Low	**Low**
Receptor 4	High	Low	**Low**
Receptor 5	High	Low	**Low**
Receptor 6	High	Low	**Low**
Receptor 7	High	Low	**Low**
Receptor 8	High	Low	**Low**
Receptor 9	High	Low	**Low**
Receptor 10	High	Low	**Low**
Receptor 11	High	Low	**Low**
Receptor 12	High	Low	**Low**
Receptor 13	High	Low	**Low**
Receptor 14	High	Low	**Low**
Receptor 15	High	Low	**Low**
Receptor 16	High	Low	**Low**
Receptor 17	None	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility Analysis	Residual Impacts
Receptor 18	None	None	**None**
Receptor 19	None	None	**None**
Receptor 20	None	None	**None**
Receptor 21	None	None	**None**

7.1.4. Table 27 to Table 32 show the overall impacts for all residential and road receptors.

Table 27: Solar Reflection: Land Parcels A, B and C Residential Receptors

Magnitude	Theoretical Visibility	Actual Visibility (No Mitigation)	Actual Visibility with Mitigation
High	1	0	0
Medium	0	0	0
Low	14	7	7
None	56	64	64

- **High** – Solar reflections impacts of over 30 hours per year or over 30 minutes per day
- **Medium** - Solar reflections impacts between 20 and 30 hours per year or between 20 minutes and 30 minutes per day
- **Low** - Solar reflections impacts between 0 and 20 hours per year or between 0 minutes and 20 minutes per day
- **None** - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening

Table 28: Solar Reflection: Land Parcels A, B and C Road Receptors

Magnitude	Theoretical Visibility	Actual Visibility (No Mitigation)	Actual Visibility with Mitigation
High	63	0	0
Low	35	40	40
None	33	91	91

- **High** - Solar reflections impacts with yellow glare (potential for after-image).
- **Low** - Solar reflections impacts with only green glare (low potential for after-image)
- **None** - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening or being outside the drivers field of view

Table 29: Solar Reflection: Land Parcels A, B and C Bridleway Receptors

Magnitude	Theoretical Visibility	Actual Visibility (No Mitigation)	Actual Visibility with Mitigation
High	17	0	0
Low	7	13	13
None	0	11	11

- **High** - Solar reflections impacts with yellow glare (potential for after-image).
- **Low** - Solar reflections impacts with only green glare (low potential for after-image)
- **None** - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening or being outside the drivers field of view

Table 30: Solar Reflection: Land Parcel D Residential Receptors

Magnitude	Theoretical Visibility	Actual Visibility (No Mitigation)	Actual Visibility with Mitigation
High	6	0	0
Medium	12	0	0
Low	49	20	20
None	45	92	92

- **High** – Solar reflections impacts of over 30 hours per year or over 30 minutes per day
- **Medium** - Solar reflections impacts between 20 and 30 hours per year or between 20 minutes and 30 minutes per day
- **Low** - Solar reflections impacts between 0 and 20 hours per year or between 0 minutes and 20 minutes per day
- **None** - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening

Table 31: Solar Reflection: Land Parcel D Road Receptors

Magnitude	Theoretical Visibility	Actual Visibility (No Mitigation)	Actual Visibility with Mitigation
High	100	0	0
Low	26	58	58
None	13	81	81

- **High** - Solar reflections impacts with yellow glare (potential for after-image).
- **Low -** Solar reflections impacts with only green glare (low potential for after-image)
- **None** - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening or being outside the drivers field of view

Table 32: Solar Reflection: Land Parcel D Bridleway Receptors

Magnitude	Theoretical Visibility	Actual Visibility (No Mitigation)	Actual Visibility with Mitigation
High	14	0	0
Low	2	16	16
None	0	0	0

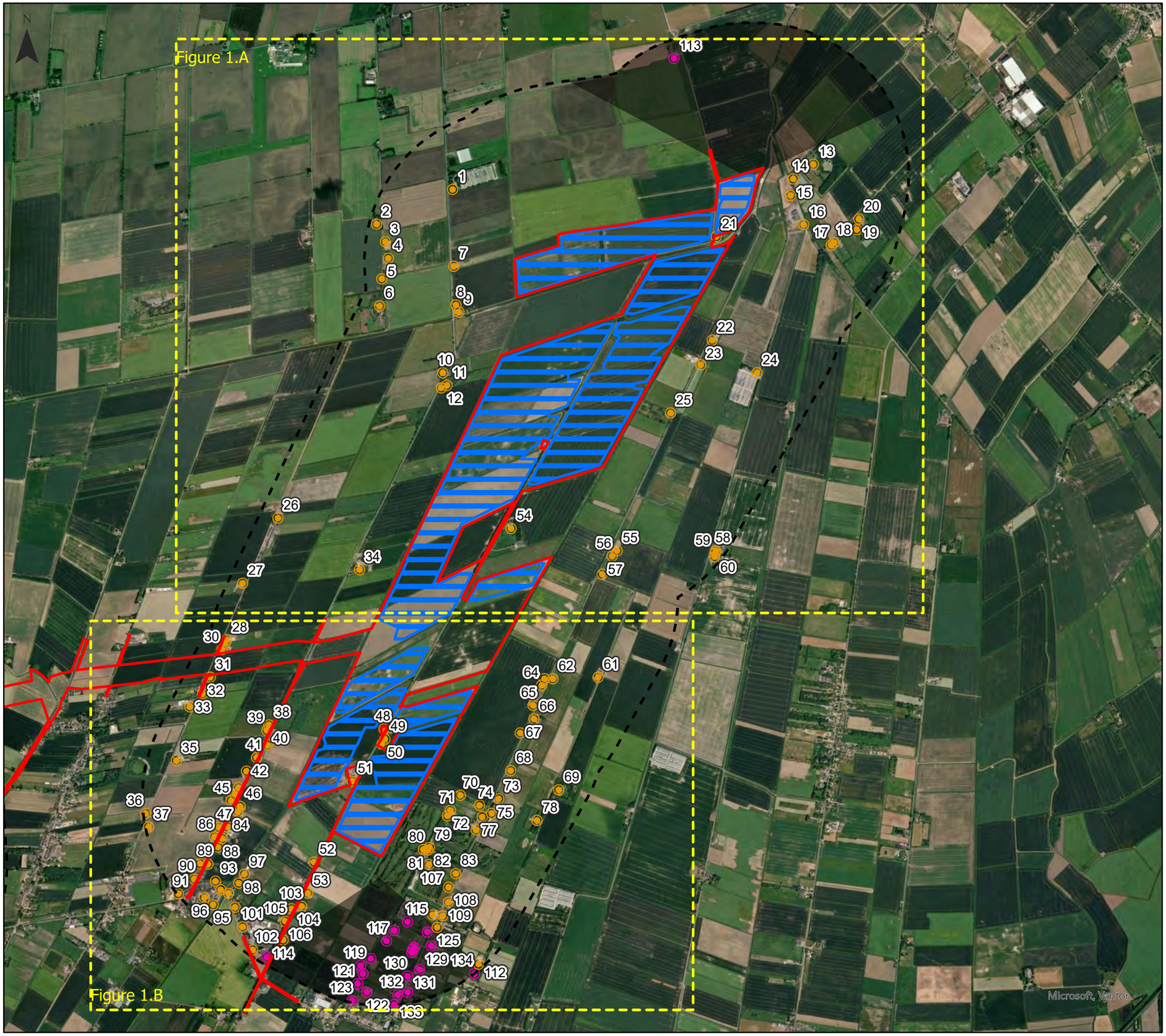
- **High** - Solar reflections impacts with yellow glare (potential for after-image).
- **Low -** Solar reflections impacts with only green glare (low potential for after-image)
- **None** - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening or being outside the drivers field of view

8. Annexes

Annex A: Figures

- Figure 1: East Residential Receptor Map
- Figure 1A: East Residential Map Sheet A
- Figure 1B: East Residential Map Sheet B
- Figure 2: East Road Receptor Map
- Figure 2A: East Road Map Sheet A
- Figure 2B: East Road Map Sheet B
- Figure 3: East Bridleway Receptor Map
- Figure 4: West Residential Receptor Map
- Figure 4A: West Residential Map Sheet A
- Figure 4B: West Residential Map Sheet B
- Figure 5: West Road Receptor Map
- Figure 6: West Bridleway Receptor Map
- Figure 7: Panel Area Labels
- Figure 8: Fenland Airfield Aerodrome Chart
- Figure 9: Crowland Airfield Aerodrome Chart

Meridian Solar Farm
East Residential Receptor Map
Land Parcels D
Figure 1



Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 24/10/2025
Drawn By: David Thomson
Scale (A3): 1:25,000
Drawing No: NEO01591/001I/C

neo ENVIRONMENTAL

Meridian Solar Farm
East Residential Receptor Map
Land Parcel D
Sheet A
Figure 1.A



0 0.25 0.5 1 Kilometers

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 24/10/2025
Drawn By: David Thomson
Scale (A3): 1:16,000
Drawing No: NEO01591/002I/B

neo ENVIRONMENTAL

Meridian Solar Farm
East Residential Receptor Map
Land Parcels D
Sheet B
Figure 1.B

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

0 0.25 0.5 1 Kilometers

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 24/10/2025
Drawn By: David Thomson
Scale (A3): 1:10,000
Drawing No: NEO01591/003I/C

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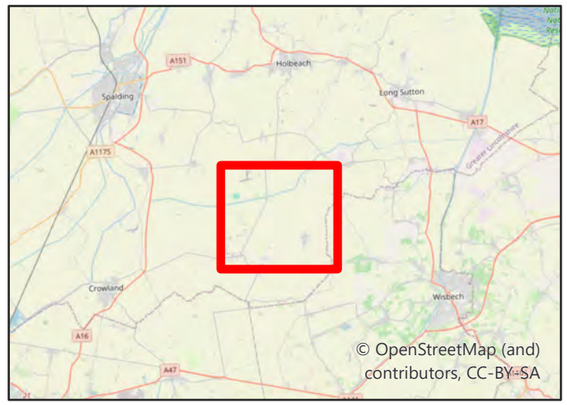
Meridian Solar Farm
East Road Receptor Map
Land Parcels D
Figure 2

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

0 0.5 1 2 Kilometers

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 24/10/2025
Drawn By: David Thomson
Scale (A3): 1:25,000
Drawing No: NEO01591/004I/C

neo ENVIRONMENTAL

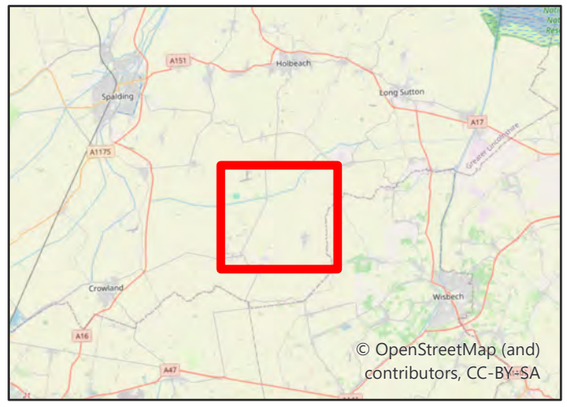
Meridian Solar Farm
East Bridleway Receptor Map
Land Parcels D
Figure 3



Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

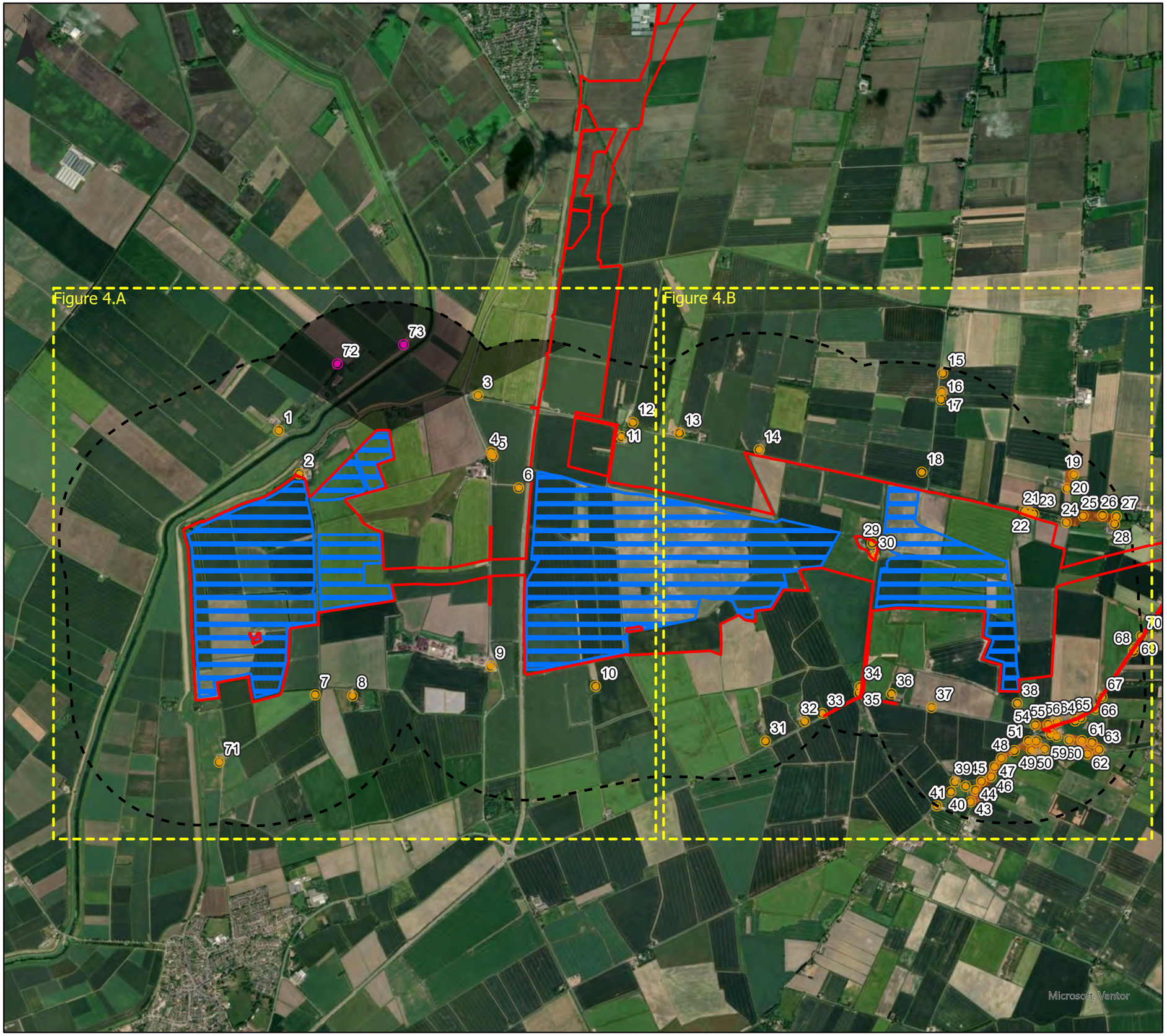
Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 24/10/2025
Drawn By: David Thomson
Scale (A3): 1:25,000
Drawing No: NEO01591/005I/C

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Meridian Solar Farm
West Residential Receptor Map
Land Parcels A - C
Figure 4



0 0.75 1.5 3 Kilometers

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Residential Area
- Non-Reflection Zone

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 24/10/2025
Drawn By: David Thomson
Scale (A3): 1:30,000
Drawing No: NEO01561/006I/C

neo ENVIRONMENTAL

Meridian Solar Farm
West Residential Receptor Map
Land Parcels A - C
Sheet A
Figure 4.A



Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Residential Area
- Non-Reflection Zone

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 24/10/2025
Drawn By: David Thomson
Scale (A3): 1:16,000
Drawing No: NEO01561/007I/C

neo ENVIRONMENTAL

Meridian Solar Farm
West Residential Receptor Map
Land Parcels A - C
Sheet B
Figure 4.B

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone



Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

0 0.25 0.5 1 Kilometers

Date: 24/10/2025
Drawn By: David Thomson
Scale (A3): 1:14,000
Drawing No: NEO01561/008I/C

ENVIRONMENTAL

Meridian Solar Farm
West Road Receptor Map
Land Parcels A- C
Figure 5

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

0 0.75 1.5 3 Kilometers

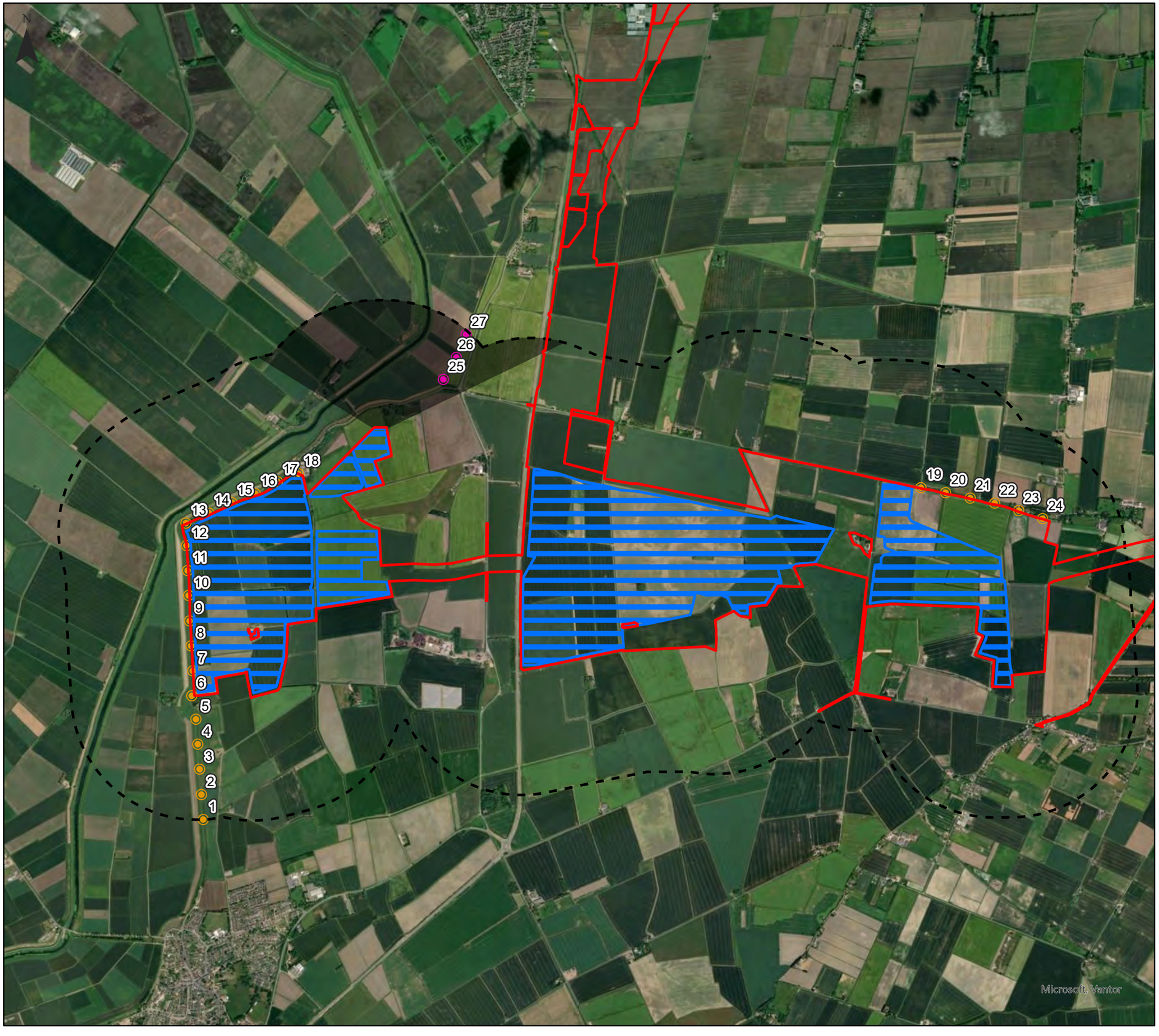
Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 24/10/2025
Drawn By: David Thomson
Scale (A3): 1:30,000
Drawing No: NEO01561/009I/C

ENVIRONMENTAL

Meridian Solar Farm
Bridleway Receptor Map
Land Parcels A - C
Figure 6

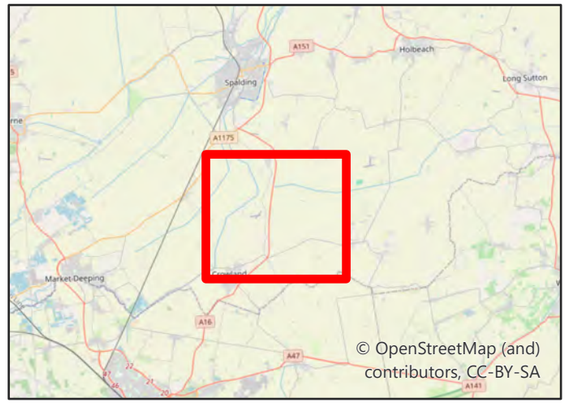


Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

0 0.75 1.5 3 Kilometers

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 24/10/2025
Drawn By: David Thomson
Scale (A3): 1:30,000
Drawing No: NEO01561/0010I/C

neo ENVIRONMENTAL

Meridian Solar Farm
Panel Area Labels
Figure 7

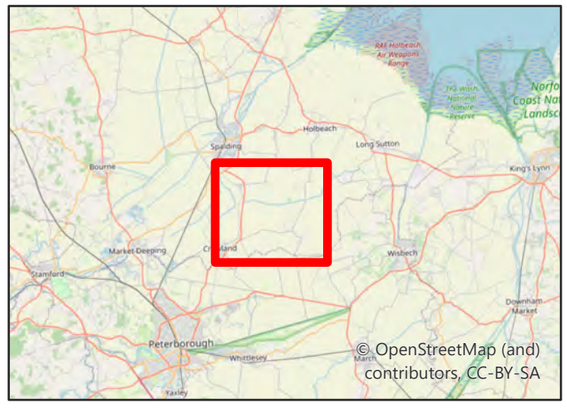


0 1.25 2.5 5 Kilometers

Key

- Panel Area Label
- Development Boundary
- Panel Area

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 25/09/2025
Drawn By: David Thomson
Scale (A3): 1:45,000
Drawing No: NEO01591/011I/B

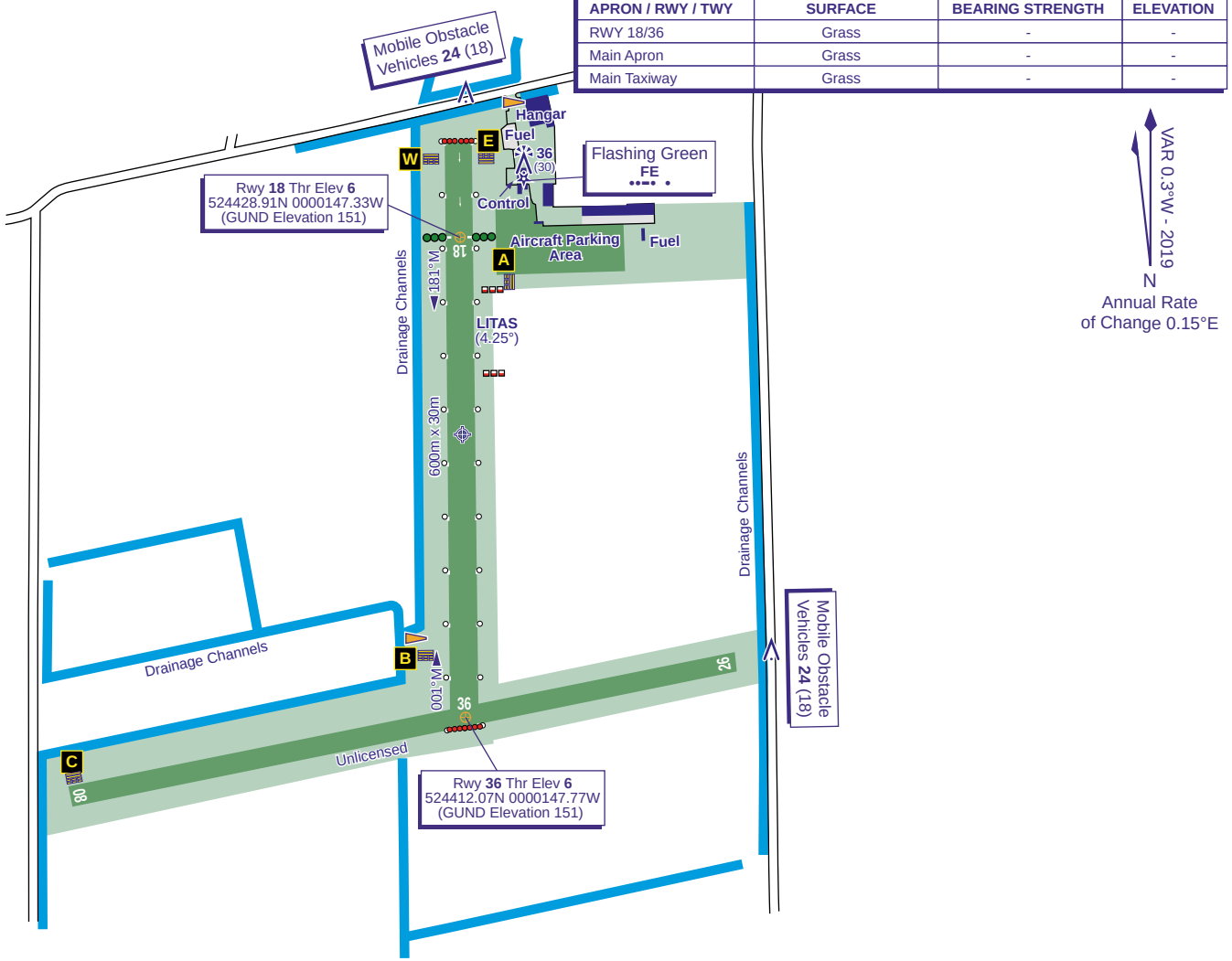
neo ENVIRONMENTAL

AERO INFO DATE 30 JAN 19

GUND (Geoid Undulation) = The height of the Geoid (MSL) above the Reference Elipsoid (WGS 84) at the stated position.	
BEARINGS ARE MAGNETIC ELEVATIONS AND HEIGHTS ARE IN FEET	
ELEVATIONS IN FEET AMSL HEIGHTS IN FEET ABOVE AD	**36** (30)

50 0 50 100 150m
100 0 500ft

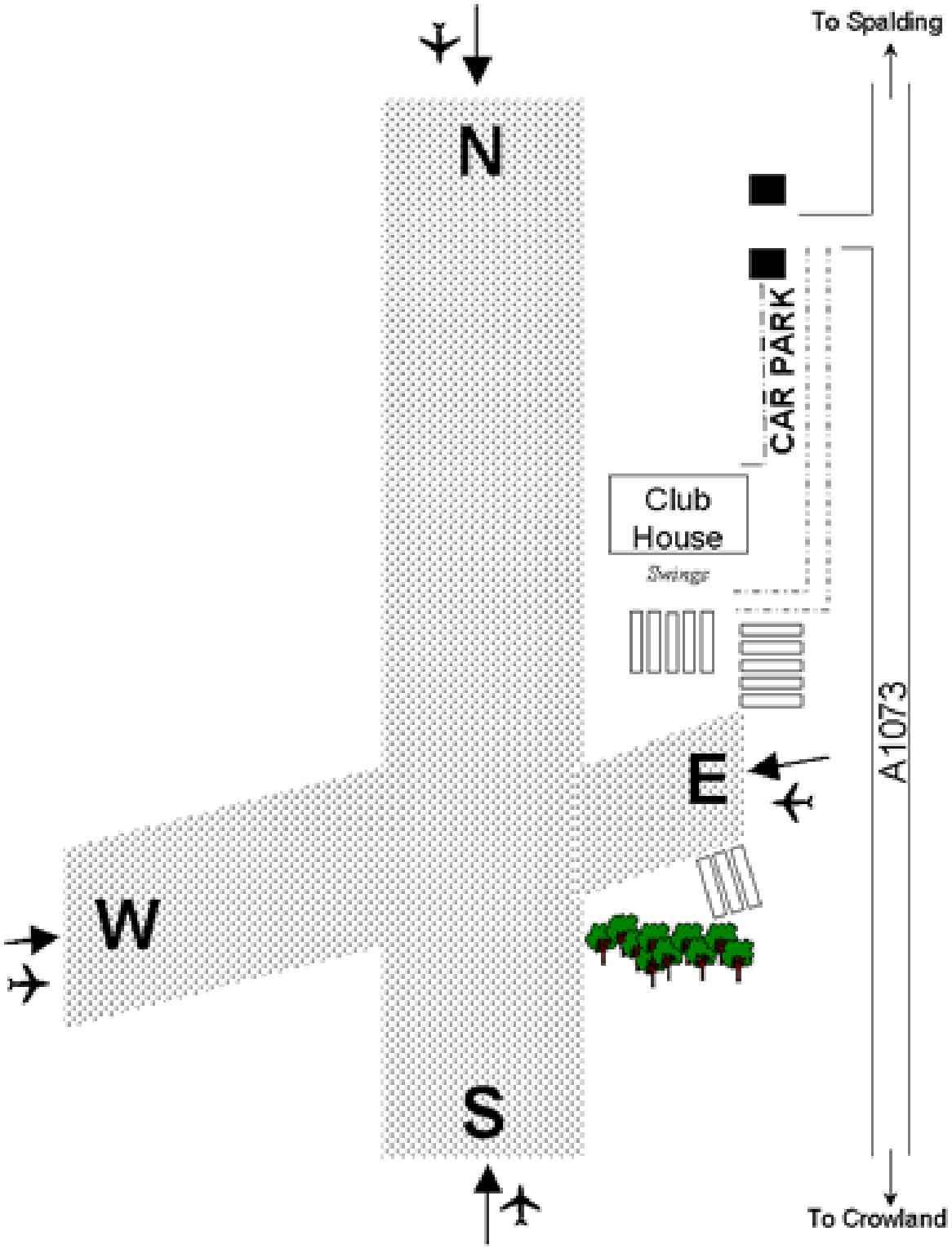
RUNWAY/TAXIWAY/APRON PHYSICAL CHARACTERISTICS			
APRON / RWY / TWY	**SURFACE**	**BEARING STRENGTH**	**ELEVATION**
RWY 18/36	Grass	-	-
Main Apron	Grass	-	-
Main Taxiway	Grass	-	-



VAR 0.3°W - 2019
N
Annual Rate of Change 0.15°E

COM		
A/G	122.930	FENLAND RADIO

CHANGE (5/19): MAG VAR. RWY HEADING. FREQUENCY.


To Spalding
N
CAR PARK
Club
House
Swings
A1073
E
W
S
To Crowland

Annex B: Residential Receptor Glare Results East Group A 10 Degrees

Meridian Solar Farm East

Meridian East Residential Group A 10 Degrees

Created Jun 19, 2025
Updated Aug 22, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 152395.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	10.0	180.0	1,868	0	-
Field D1A-B Array	10.0	180.0	6,475	86	-
Field D1C Array	10.0	180.0	18,866	793	-
Field D2 Array	10.0	180.0	8,134	2,088	-
Field D3 Array	10.0	180.0	13,850	533	-
Field D5 Array	10.0	180.0	9,253	804	-
Field D6 Array	10.0	180.0	7,180	4,155	-
Field D7 Array	10.0	180.0	5,018	190	-
Field D8 Array	10.0	180.0	533	0	-
Field D9 Array	10.0	180.0	149	0	-

Component Data

PV Array(s)

Total PV footprint area: 2,376,330 m^2

Name: Field D10 Array
Footprint area: 136,997 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726259	0.005112	1.64	4.30	5.94
2	52.726278	0.006185	1.44	4.30	5.74
3	52.727286	0.012204	0.92	4.30	5.22
4	52.729988	0.014978	1.57	4.30	5.87
5	52.729972	0.013604	1.82	4.30	6.12
6	52.729287	0.008213	1.63	4.30	5.93

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,693 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734154	0.018167	1.76	4.30	6.06
7	52.734140	0.016692	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 418,437 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721756	0.006723	2.04	4.30	6.34
5	52.721757	0.005893	1.47	4.30	5.77
6	52.722095	0.005820	1.64	4.30	5.94
7	52.722304	0.007261	2.17	4.30	6.47
8	52.723463	0.008448	2.13	4.30	6.43
9	52.723519	0.007325	1.58	4.30	5.88
10	52.723969	0.007612	1.68	4.30	5.98
11	52.724636	0.009601	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724967	0.003604	1.83	4.30	6.13
18	52.724488	0.004009	1.22	4.30	5.52
19	52.722896	0.002303	1.46	4.30	5.76
20	52.722764	0.001578	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 840,027 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708686	-0.019663	1.33	4.30	5.63
2	52.708319	-0.017288	1.31	4.30	5.61
3	52.707808	-0.017192	0.84	4.30	5.14
4	52.707812	-0.016135	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.22
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004795	1.86	4.30	6.16
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.88	4.30	6.18
17	52.720130	-0.003470	2.02	4.30	6.32
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.47	4.30	5.77
20	52.722492	0.000693	1.20	4.30	5.50
21	52.722443	-0.000179	1.29	4.30	5.59
22	52.722955	-0.000421	1.30	4.30	5.60
23	52.723331	0.001435	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 266,768 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702729	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700074	-0.021064	1.99	4.30	6.29
8	52.699607	-0.020661	2.06	4.30	6.36
9	52.698983	-0.020534	2.35	4.30	6.65
10	52.698898	-0.022037	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,273 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700888	-0.022747	2.61	4.30	6.91
2	52.702248	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698735	-0.024699	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,243 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702107	-0.017912	2.45	4.30	6.75
2	52.702803	-0.018298	1.02	4.30	5.32
3	52.703316	-0.017777	0.77	4.30	5.07
4	52.703212	-0.017257	0.95	4.30	5.25
5	52.703303	-0.016592	1.08	4.30	5.38
6	52.704207	-0.010991	2.29	4.30	6.59
7	52.702972	-0.012215	2.24	4.30	6.54

Name: Field D8 Array
Footprint area: 93,260 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

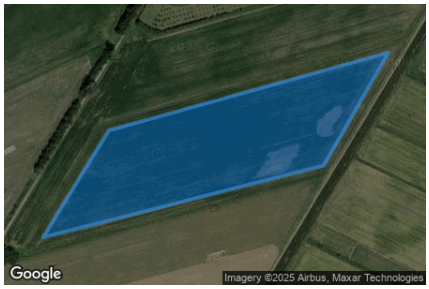
Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703154	-0.024327	1.81	4.30	6.11
2	52.703160	-0.023576	1.61	4.30	5.91
3	52.705332	-0.016538	2.05	4.30	6.35
4	52.707009	-0.014736	1.57	4.30	5.87
5	52.706937	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60

Name: Field D9 Array
Footprint area: 61,777 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709225	-0.011260	1.62	4.30	5.92
2	52.710707	-0.009758	1.07	4.30	5.37
3	52.711786	-0.003363	1.62	4.30	5.92
4	52.710220	-0.004844	1.86	4.30	6.16

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	52.733927	-0.011430	2.87	2.00	4.87
OP 2	52.731968	-0.018893	3.62	2.00	5.62
OP 3	52.730889	-0.018153	2.91	2.00	4.91
OP 4	52.729954	-0.017906	3.48	2.00	5.48
OP 5	52.728784	-0.018539	3.93	2.00	5.93
OP 6	52.727010	-0.018893	4.13	2.00	6.13
OP 7	52.729389	-0.011520	2.75	2.00	4.75
OP 8	52.727056	-0.011418	4.16	2.00	6.16
OP 9	52.726628	-0.011171	4.90	2.00	6.90
OP 10	52.723124	-0.012860	4.83	2.00	6.83
OP 11	52.722354	-0.012522	4.01	2.00	6.01
OP 12	52.722167	-0.012986	3.12	2.00	5.12
OP 13	52.734790	0.023753	2.68	2.00	4.68
OP 14	52.733965	0.021746	4.40	2.00	6.40
OP 15	52.732977	0.021489	3.55	2.00	5.55
OP 16	52.731256	0.022626	3.01	2.00	5.01
OP 17	52.730002	0.025255	2.80	2.00	4.80
OP 18	52.730190	0.025587	3.28	2.00	5.28
OP 19	52.730859	0.027787	2.74	2.00	4.74
OP 20	52.731516	0.028098	2.47	2.00	4.47
OP 21	52.730677	0.014129	3.54	2.00	5.54
OP 22	52.724558	0.013516	3.35	2.00	5.35
OP 23	52.723141	0.012271	3.62	2.00	5.62
OP 24	52.722498	0.017528	3.19	2.00	5.19
OP 25	52.720296	0.009150	3.49	2.00	5.49
OP 26	52.714750	-0.029313	4.28	2.00	6.28
OP 27	52.710974	-0.032942	3.64	2.00	5.64
OP 28	52.707628	-0.034575	1.68	2.00	3.68
OP 29	52.707436	-0.034800	3.47	2.00	5.47
OP 30	52.707072	-0.035095	3.64	2.00	5.64
OP 31	52.705473	-0.036318	3.62	2.00	5.62
OP 32	52.704511	-0.037112	4.00	2.00	6.00
OP 33	52.703750	-0.038400	3.76	2.00	5.76
OP 34	52.711571	-0.021526	4.17	2.00	6.17
OP 35	52.700600	-0.039835	2.94	2.00	4.94
OP 36	52.697539	-0.042979	3.17	2.00	5.17
OP 37	52.696706	-0.042689	3.51	2.00	5.51
OP 38	52.702553	-0.030742	3.45	2.00	5.45
OP 39	52.702225	-0.030935	4.12	2.00	6.12
OP 40	52.701363	-0.030909	3.50	2.00	5.50
OP 41	52.700645	-0.032030	4.26	2.00	6.26
OP 42	52.699913	-0.032963	4.27	2.00	6.27
OP 43	52.698899	-0.033816	3.55	2.00	5.55
OP 44	52.698522	-0.034235	3.66	2.00	5.66
OP 45	52.698129	-0.034615	3.30	2.00	5.30
OP 46	52.697748	-0.033736	3.20	2.00	5.20
OP 47	52.697436	-0.033999	3.74	2.00	5.74
OP 48	52.702126	-0.019495	4.14	2.00	6.14
OP 49	52.701521	-0.019468	4.38	2.00	6.38
OP 50	52.701274	-0.019763	4.80	2.00	6.80
OP 51	52.699103	-0.022772	4.39	2.00	6.39
OP 52	52.694381	-0.026736	3.94	2.00	5.94
OP 53	52.692557	-0.027386	3.76	2.00	5.76
OP 54	52.713800	-0.006633	3.54	2.00	5.54
OP 55	52.712233	0.003458	4.07	2.00	6.07
OP 56	52.711990	0.003077	4.12	2.00	6.12
OP 57	52.710924	0.002095	4.60	2.00	6.60
OP 58	52.712109	0.013170	3.70	2.00	5.70
OP 59	52.711986	0.013170	3.99	2.00	5.99
OP 60	52.711778	0.013105	3.45	2.00	5.45

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	10.0	180.0	1,868	0	-	-
Field D1A-B Array	10.0	180.0	6,475	86	-	-
Field D1C Array	10.0	180.0	18,866	793	-	-
Field D2 Array	10.0	180.0	8,134	2,088	-	-
Field D3 Array	10.0	180.0	13,850	533	-	-
Field D5 Array	10.0	180.0	9,253	804	-	-
Field D6 Array	10.0	180.0	7,180	4,155	-	-
Field D7 Array	10.0	180.0	5,018	190	-	-
Field D8 Array	10.0	180.0	533	0	-	-
Field D9 Array	10.0	180.0	149	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d10-ar (green)	0	0	0	9	374	504	472	93	0	0	0	0
field-d10-ar (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d1a-b (green)	0	0	4	135	681	985	883	302	16	0	0	0
field-d1a-b (yellow)	0	0	0	0	1	0	0	1	0	0	0	0
field-d1c-ar (green)	0	0	134	744	1154	1479	1343	923	361	0	0	0
field-d1c-ar (yellow)	0	0	0	1	0	0	0	1	0	0	0	0
field-d2-arr (green)	0	0	36	366	361	341	383	393	155	0	0	0
field-d2-arr (yellow)	0	0	0	23	131	99	119	72	1	0	0	0
field-d3-arr (green)	0	0	213	975	1185	1124	1193	1105	522	0	0	0
field-d3-arr (yellow)	0	0	0	54	23	46	34	52	4	0	0	0
field-d5-arr (green)	0	0	151	603	367	381	364	583	351	0	0	0
field-d5-arr (yellow)	0	0	0	31	95	90	102	39	9	0	0	0
field-d6-arr (green)	0	0	43	446	623	575	596	612	172	0	0	0
field-d6-arr (yellow)	0	0	0	75	335	485	437	159	0	0	0	0
field-d7-arr (green)	0	0	145	520	475	393	400	575	317	0	0	0
field-d7-arr (yellow)	0	0	0	0	50	45	61	5	0	0	0	0
field-d8-arr (green)	0	0	0	8	142	162	171	50	0	0	0	0
field-d8-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d9-arr (green)	0	0	32	27	0	0	0	0	74	0	0	0
field-d9-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0

OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	1222	0
OP: OP 23	0	0
OP: OP 24	646	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0

OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D10 Array: OP 1

No glare found

Field D10 Array: OP 2

No glare found

Field D10 Array: OP 3

No glare found

Field D10 Array: OP 4

No glare found

Field D10 Array: OP 5

No glare found

Field D10 Array: OP 6

No glare found

Field D10 Array: OP 7

No glare found

Field D10 Array: OP 8

No glare found

Field D10 Array: OP 9

No glare found

Field D10 Array: OP 10

No glare found

Field D10 Array: OP 11

No glare found

Field D10 Array: OP 12

No glare found

Field D10 Array: OP 13

No glare found

Field D10 Array: OP 14

No glare found

Field D10 Array: OP 15

No glare found

Field D10 Array: OP 16

No glare found

Field D10 Array: OP 17

No glare found

Field D10 Array: OP 18

No glare found

Field D10 Array: OP 19

No glare found

Field D10 Array: OP 20

No glare found

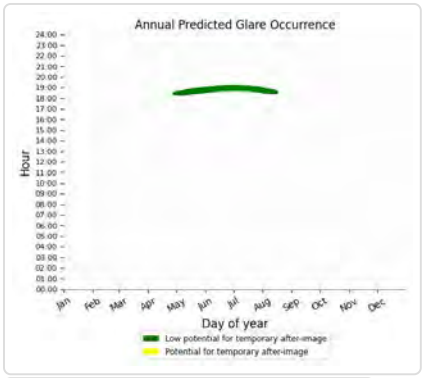
Field D10 Array: OP 21

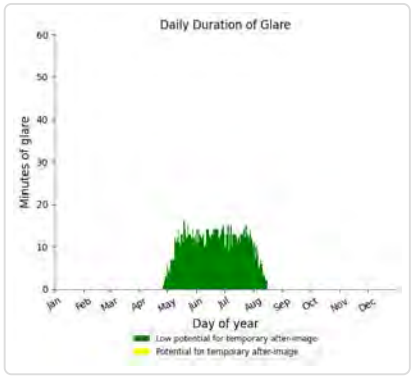
No glare found

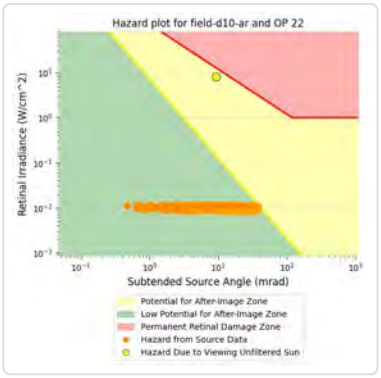
Field D10 Array: OP 22

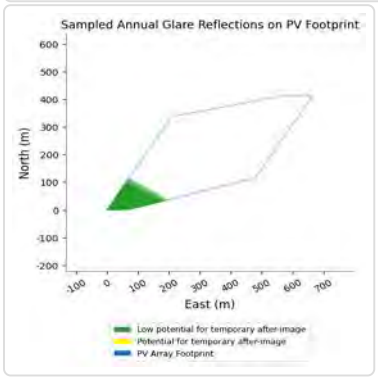
PV array is expected to produce the following glare for this receptor:

- 1,222 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









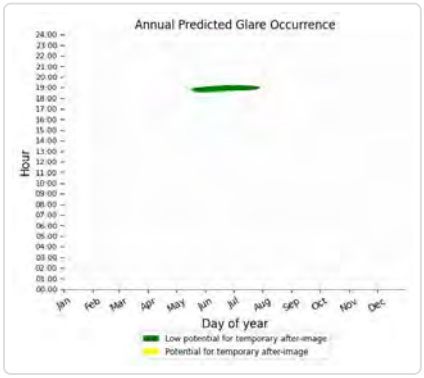
Field D10 Array: OP 23

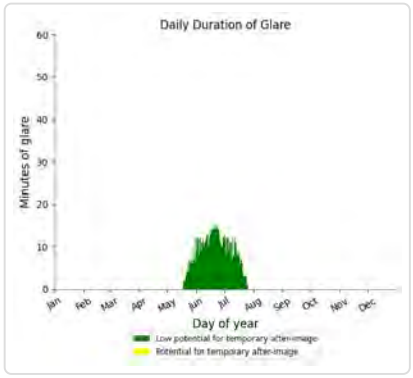
No glare found

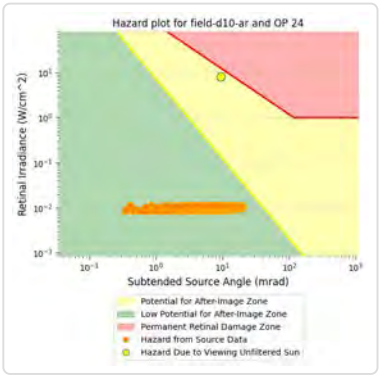
Field D10 Array: OP 24

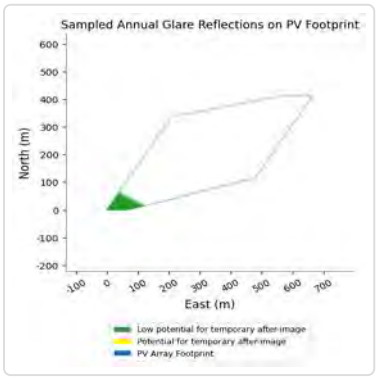
PV array is expected to produce the following glare for this receptor:

- 646 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 25

No glare found

Field D10 Array: OP 26

No glare found

Field D10 Array: OP 27

No glare found

Field D10 Array: OP 28

No glare found

Field D10 Array: OP 29

No glare found

Field D10 Array: OP 30

No glare found

Field D10 Array: OP 31

No glare found

Field D10 Array: OP 32

No glare found

Field D10 Array: OP 33

No glare found

Field D10 Array: OP 34

No glare found

Field D10 Array: OP 35

No glare found

Field D10 Array: OP 36

No glare found

Field D10 Array: OP 37

No glare found

Field D10 Array: OP 38

No glare found

Field D10 Array: OP 39

No glare found

Field D10 Array: OP 40

No glare found

Field D10 Array: OP 41

No glare found

Field D10 Array: OP 42

No glare found

Field D10 Array: OP 43

No glare found

Field D10 Array: OP 44

No glare found

Field D10 Array: OP 45

No glare found

Field D10 Array: OP 46

No glare found

Field D10 Array: OP 47

No glare found

Field D10 Array: OP 48

No glare found

Field D10 Array: OP 49

No glare found

Field D10 Array: OP 50

No glare found

Field D10 Array: OP 51

No glare found

Field D10 Array: OP 52

No glare found

Field D10 Array: OP 53

No glare found

Field D10 Array: OP 54

No glare found

Field D10 Array: OP 55

No glare found

Field D10 Array: OP 56

No glare found

Field D10 Array: OP 57

No glare found

Field D10 Array: OP 58

No glare found

Field D10 Array: OP 59

No glare found

Field D10 Array: OP 60

No glare found

Field D1A-B Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	18	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	37	0
OP: OP 10	0	0
OP: OP 11	553	0
OP: OP 12	662	0
OP: OP 13	0	0

OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	888	86
OP: OP 22	1629	0
OP: OP 23	1160	0
OP: OP 24	1406	0
OP: OP 25	0	0
OP: OP 26	122	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D1A-B Array: OP 1

No glare found

Field D1A-B Array: OP 2

No glare found

Field D1A-B Array: OP 3

No glare found

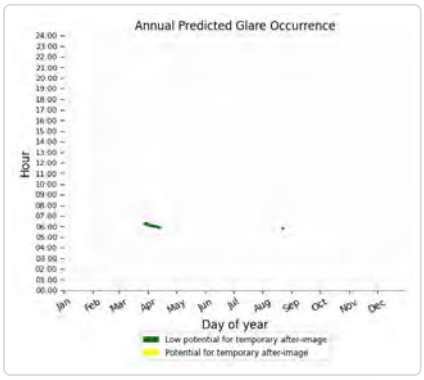
Field D1A-B Array: OP 4

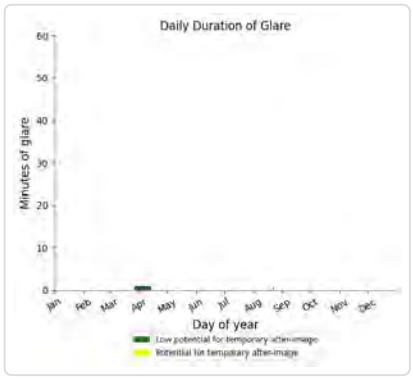
No glare found

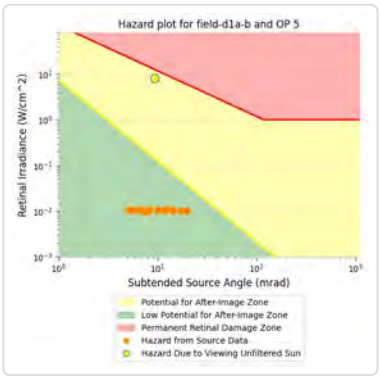
Field D1A-B Array: OP 5

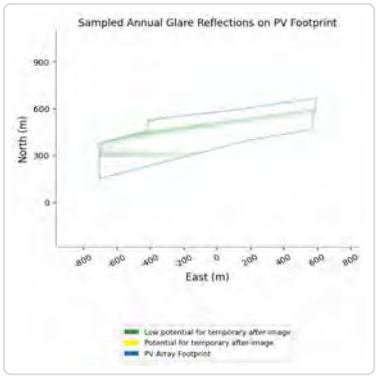
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 6

No glare found

Field D1A-B Array: OP 7

No glare found

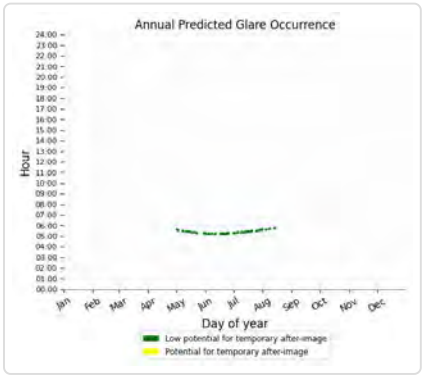
Field D1A-B Array: OP 8

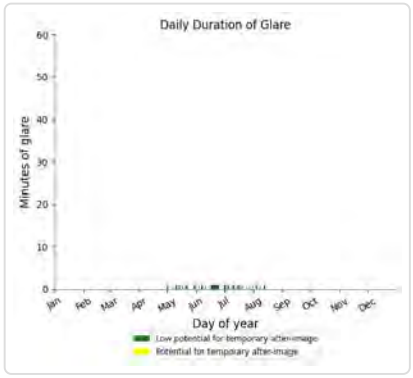
No glare found

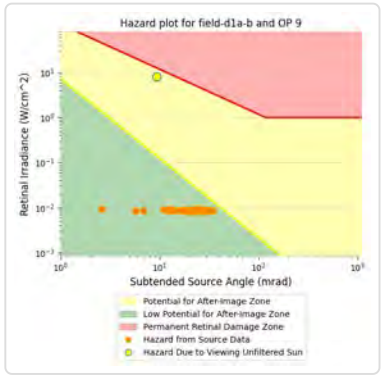
Field D1A-B Array: OP 9

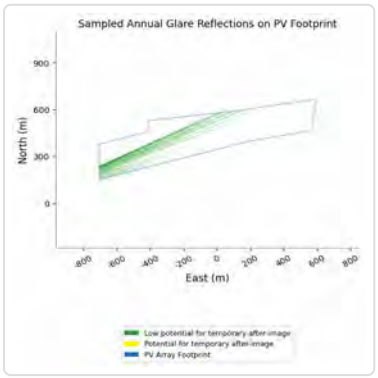
PV array is expected to produce the following glare for this receptor:

- 37 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









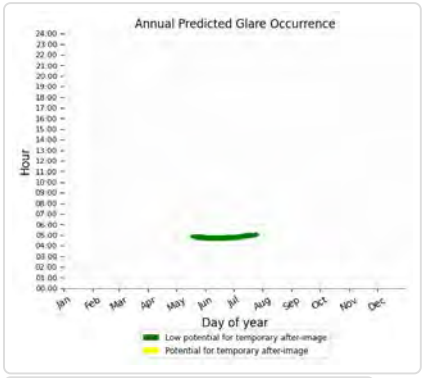
Field D1A-B Array: OP 10

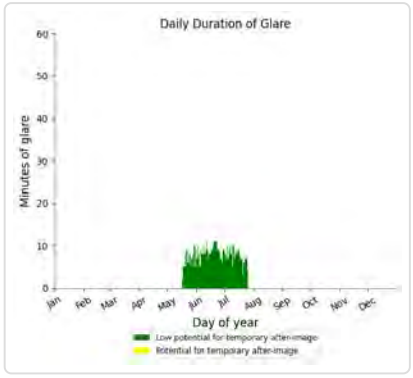
No glare found

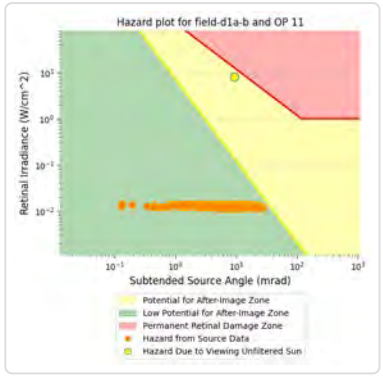
Field D1A-B Array: OP 11

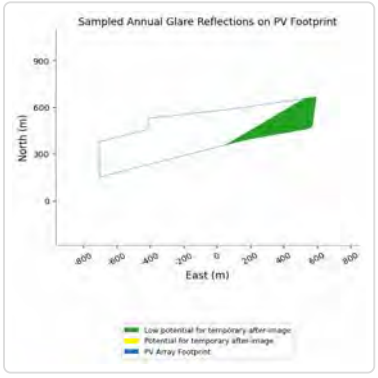
PV array is expected to produce the following glare for this receptor:

- 553 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





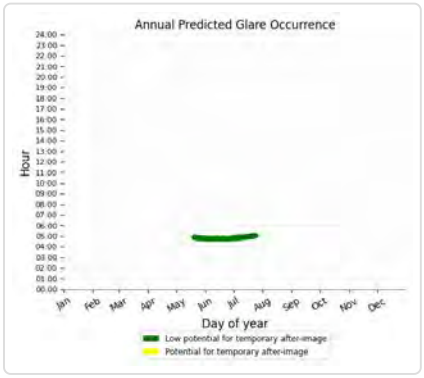


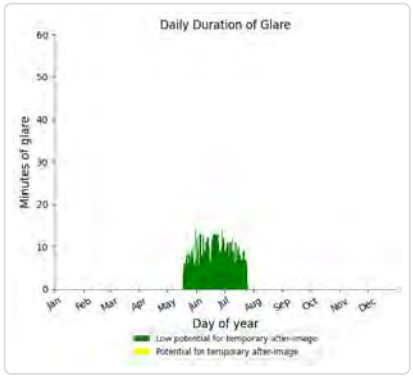


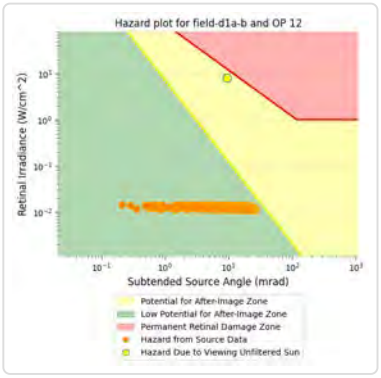
Field D1A-B Array: OP 12

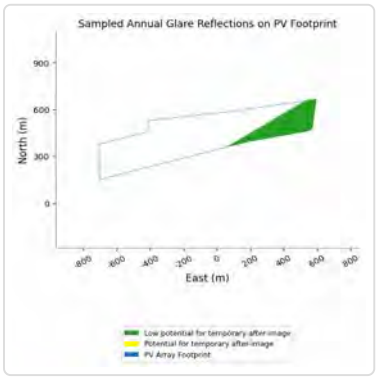
PV array is expected to produce the following glare for this receptor:

- 662 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 13

No glare found

Field D1A-B Array: OP 14

No glare found

Field D1A-B Array: OP 15

No glare found

Field D1A-B Array: OP 16

No glare found

Field D1A-B Array: OP 17

No glare found

Field D1A-B Array: OP 18

No glare found

Field D1A-B Array: OP 19

No glare found

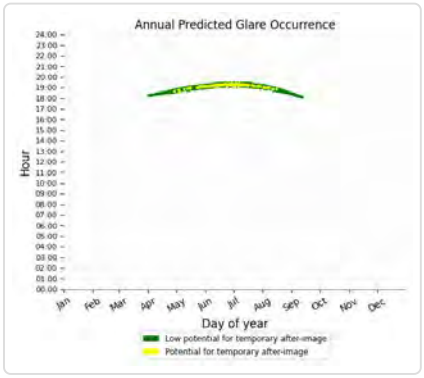
Field D1A-B Array: OP 20

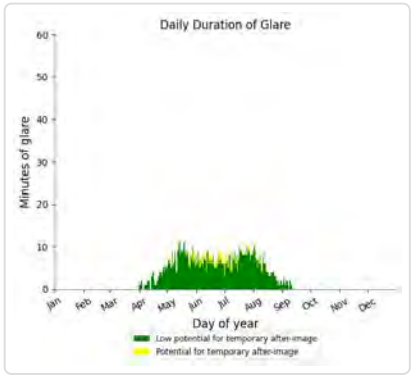
No glare found

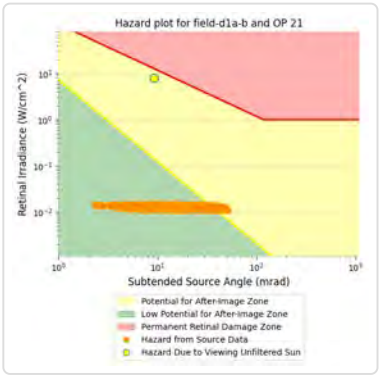
Field D1A-B Array: OP 21

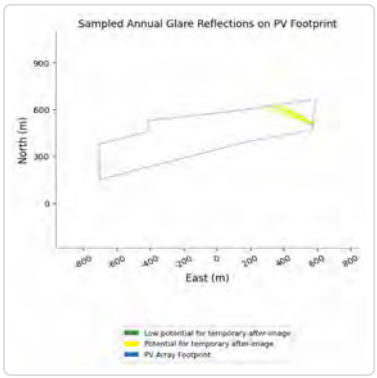
PV array is expected to produce the following glare for this receptor:

- 888 minutes of "green" glare with low potential to cause temporary after-image.
- 86 minutes of "yellow" glare with potential to cause temporary after-image.





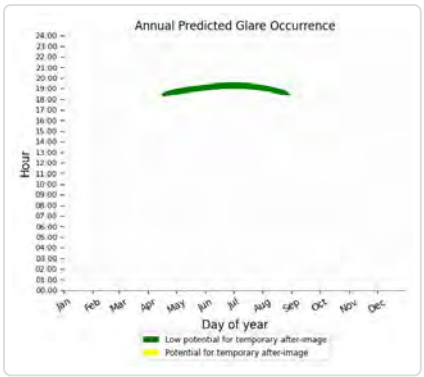


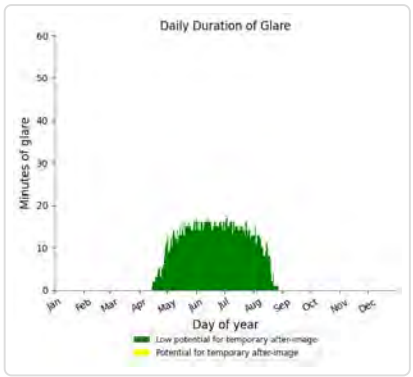


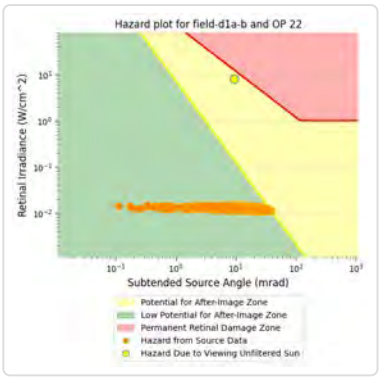
Field D1A-B Array: OP 22

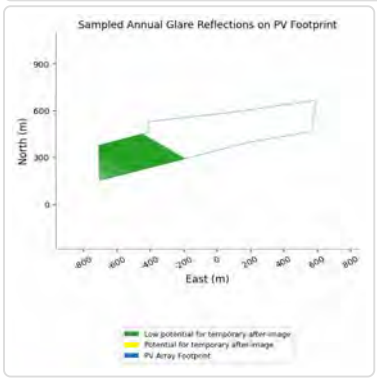
PV array is expected to produce the following glare for this receptor:

- 1,629 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





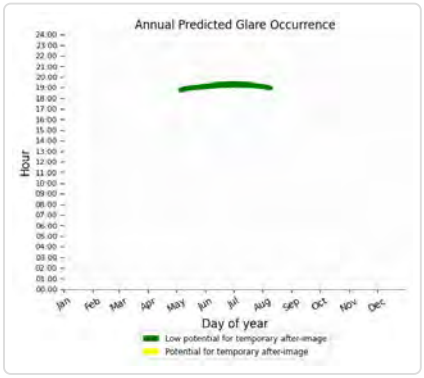


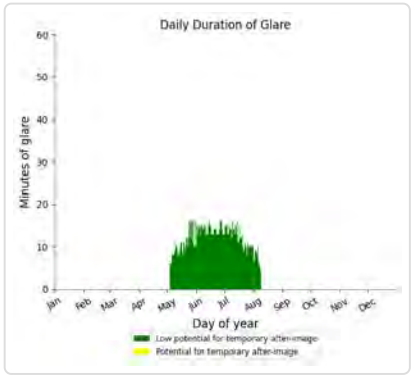


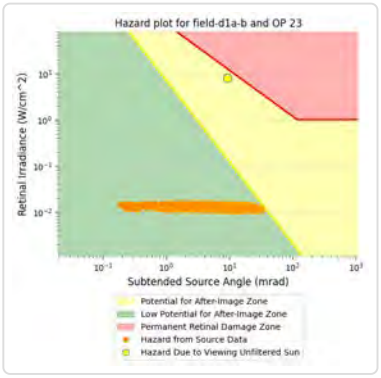
Field D1A-B Array: OP 23

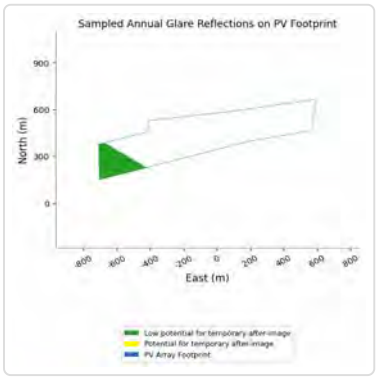
PV array is expected to produce the following glare for this receptor:

- 1,160 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





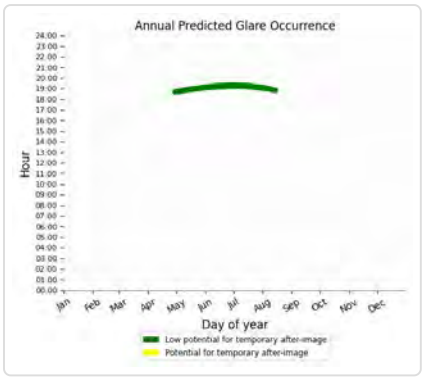


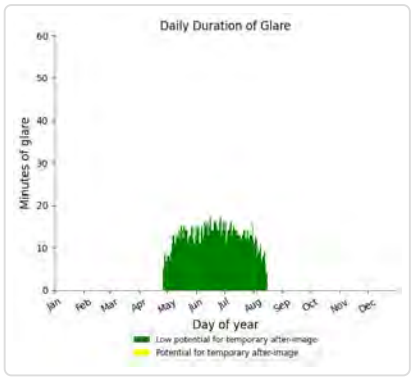


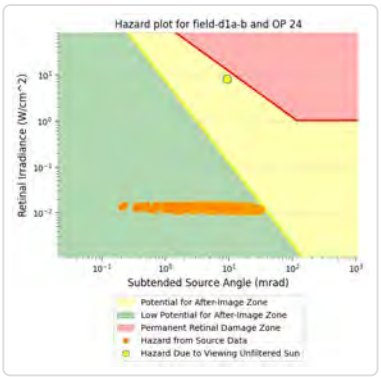
Field D1A-B Array: OP 24

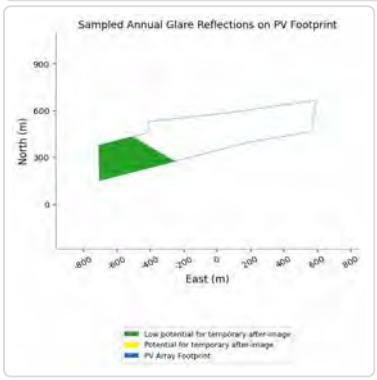
PV array is expected to produce the following glare for this receptor:

- 1,406 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









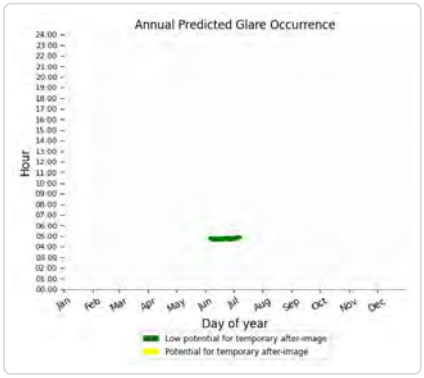
Field D1A-B Array: OP 25

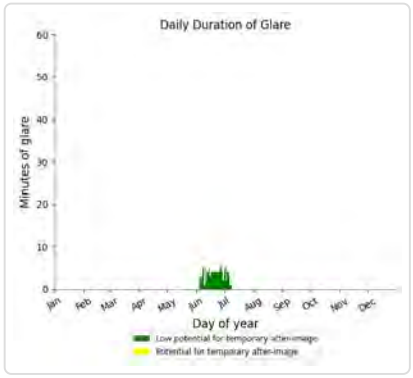
No glare found

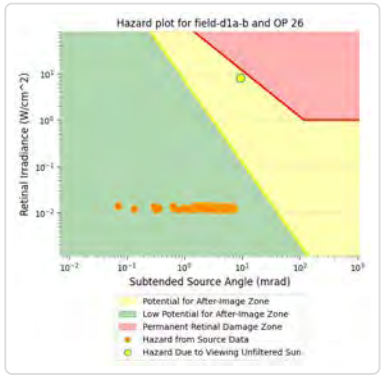
Field D1A-B Array: OP 26

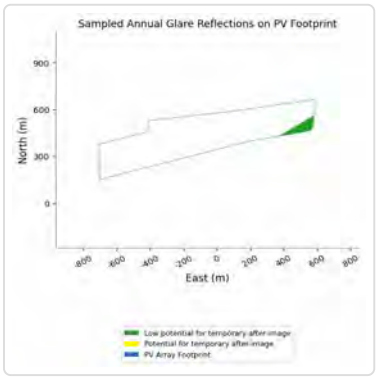
PV array is expected to produce the following glare for this receptor:

- 122 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 27

No glare found

Field D1A-B Array: OP 28

No glare found

Field D1A-B Array: OP 29

No glare found

Field D1A-B Array: OP 30

No glare found

Field D1A-B Array: OP 31

No glare found

Field D1A-B Array: OP 32

No glare found

Field D1A-B Array: OP 33

No glare found

Field D1A-B Array: OP 34

No glare found

Field D1A-B Array: OP 35

No glare found

Field D1A-B Array: OP 36

No glare found

Field D1A-B Array: OP 37

No glare found

Field D1A-B Array: OP 38

No glare found

Field D1A-B Array: OP 39

No glare found

Field D1A-B Array: OP 40

No glare found

Field D1A-B Array: OP 41

No glare found

Field D1A-B Array: OP 42

No glare found

Field D1A-B Array: OP 43

No glare found

Field D1A-B Array: OP 44

No glare found

Field D1A-B Array: OP 45

No glare found

Field D1A-B Array: OP 46

No glare found

Field D1A-B Array: OP 47

No glare found

Field D1A-B Array: OP 48

No glare found

Field D1A-B Array: OP 49

No glare found

Field D1A-B Array: OP 50

No glare found

Field D1A-B Array: OP 51

No glare found

Field D1A-B Array: OP 52

No glare found

Field D1A-B Array: OP 53

No glare found

Field D1A-B Array: OP 54

No glare found

Field D1A-B Array: OP 55

No glare found

Field D1A-B Array: OP 56

No glare found

Field D1A-B Array: OP 57

No glare found

Field D1A-B Array: OP 58

No glare found

Field D1A-B Array: OP 59

No glare found

Field D1A-B Array: OP 60

No glare found

Field D1C Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	451	0
OP: OP 3	538	0
OP: OP 4	551	0
OP: OP 5	656	0
OP: OP 6	596	0
OP: OP 7	582	0
OP: OP 8	839	0
OP: OP 9	1255	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	39	0
OP: OP 15	2375	76
OP: OP 16	1806	717
OP: OP 17	2202	0
OP: OP 18	2389	0
OP: OP 19	2255	0
OP: OP 20	1310	0

OP: OP 21	1022	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

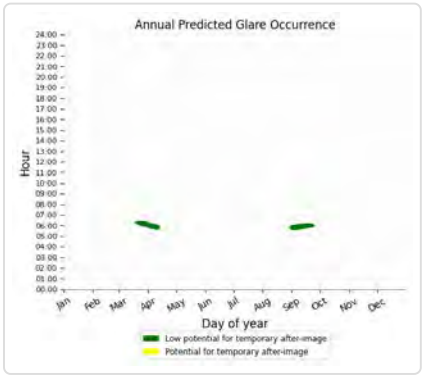
Field D1C Array: OP 1

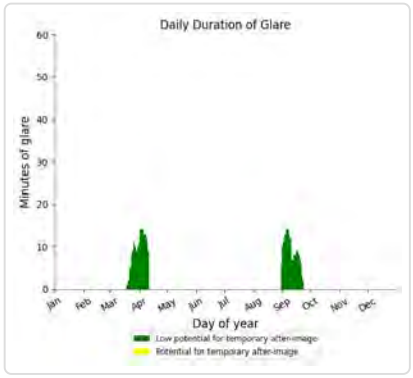
No glare found

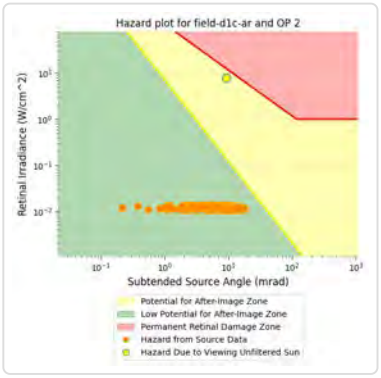
Field D1C Array: OP 2

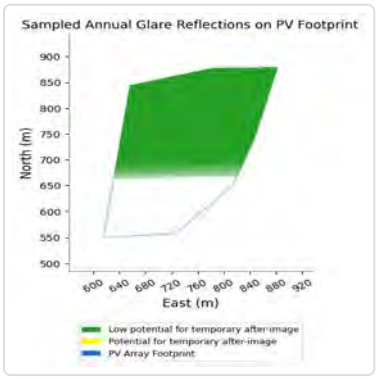
PV array is expected to produce the following glare for this receptor:

- 451 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





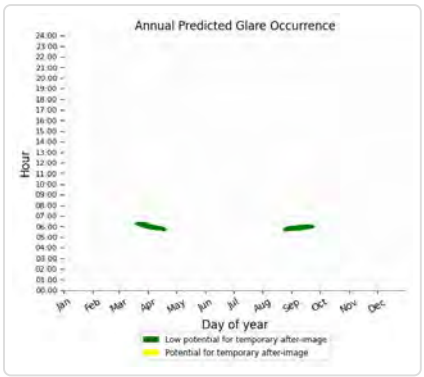


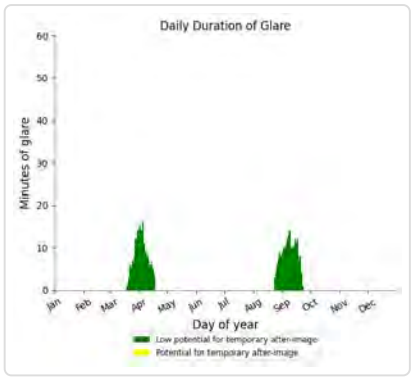


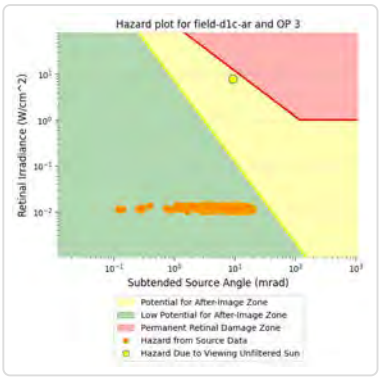
Field D1C Array: OP 3

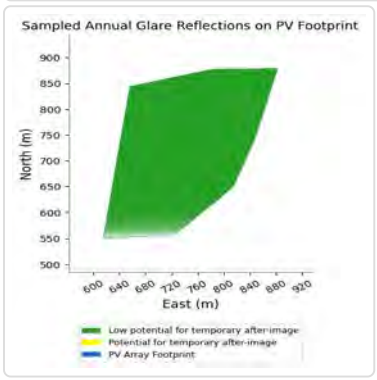
PV array is expected to produce the following glare for this receptor:

- 538 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





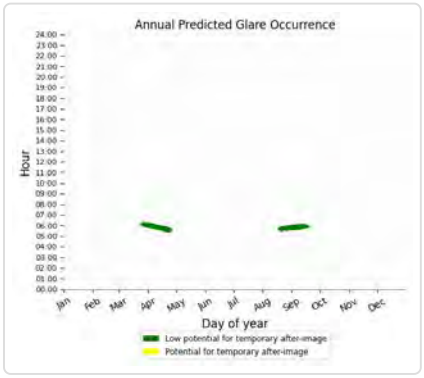


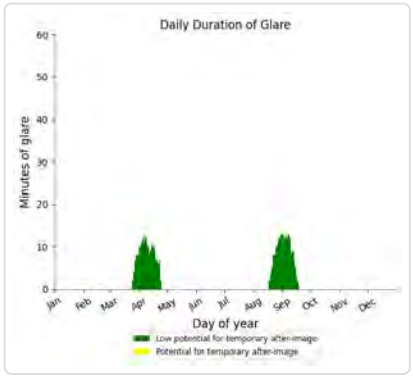


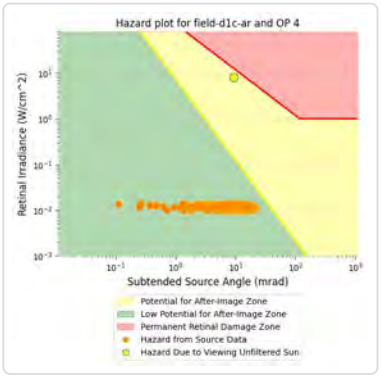
Field D1C Array: OP 4

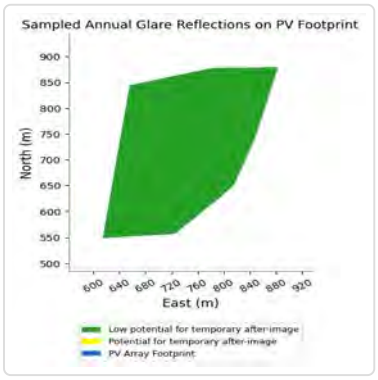
PV array is expected to produce the following glare for this receptor:

- 551 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





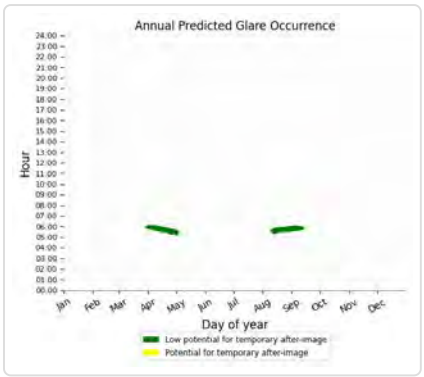


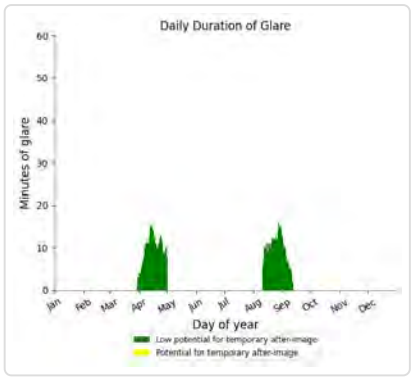


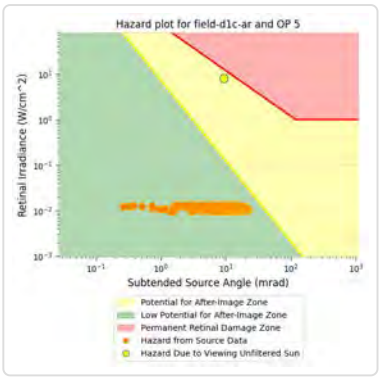
Field D1C Array: OP 5

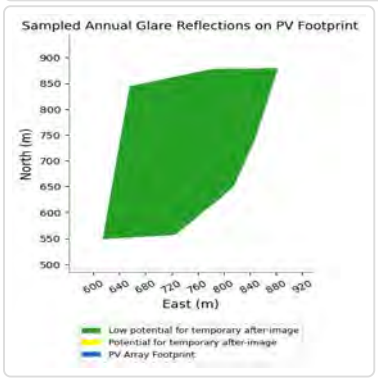
PV array is expected to produce the following glare for this receptor:

- 656 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





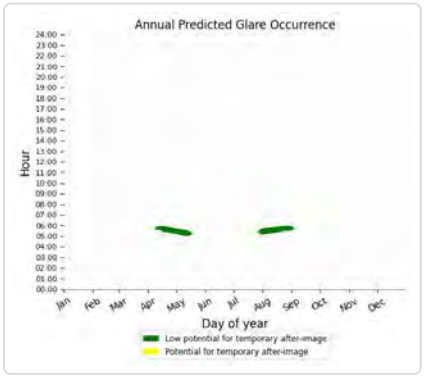


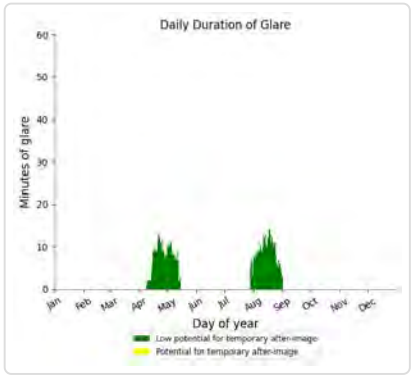


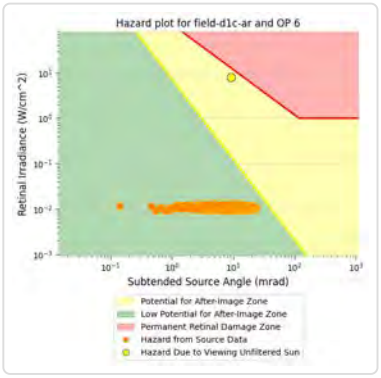
Field D1C Array: OP 6

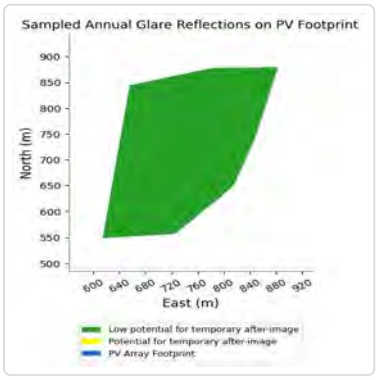
PV array is expected to produce the following glare for this receptor:

- 596 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





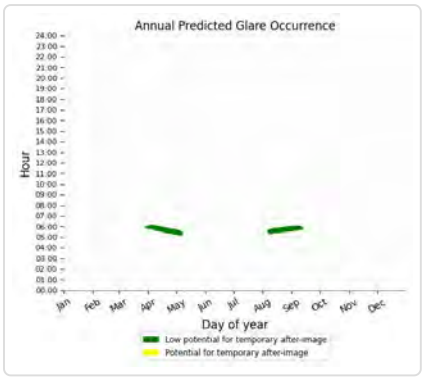


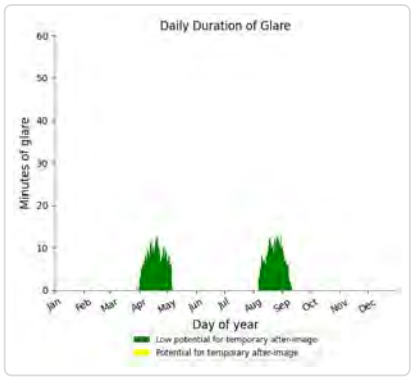


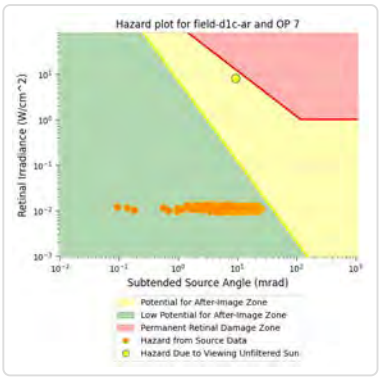
Field D1C Array: OP 7

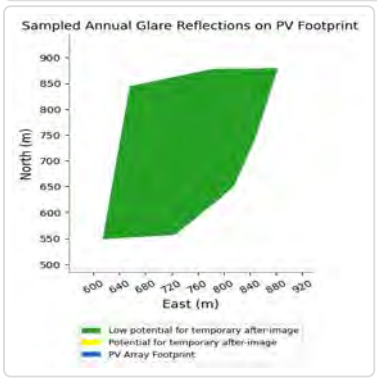
PV array is expected to produce the following glare for this receptor:

- 582 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





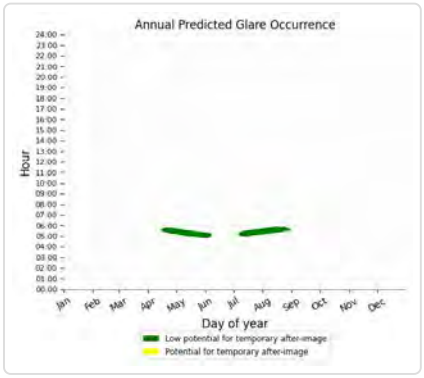


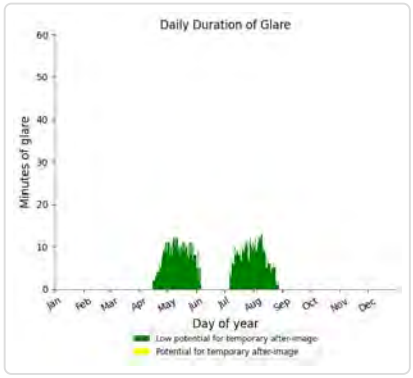


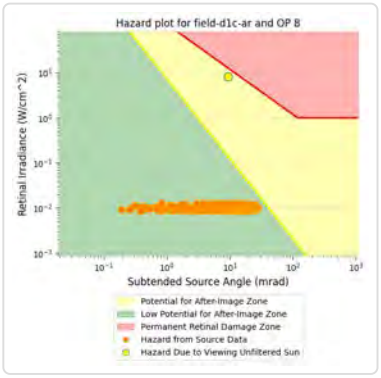
Field D1C Array: OP 8

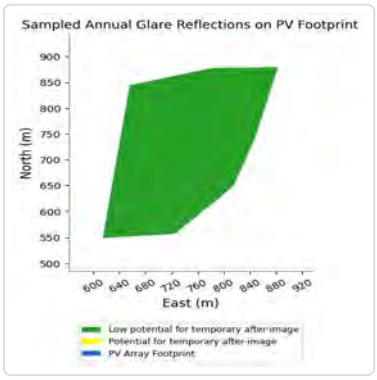
PV array is expected to produce the following glare for this receptor:

- 839 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





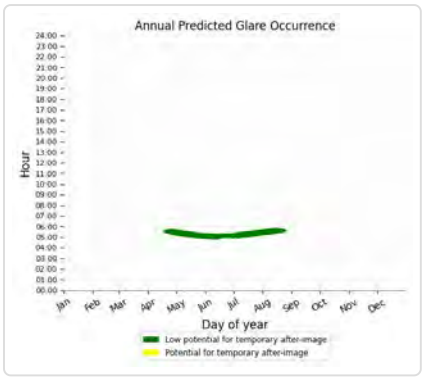


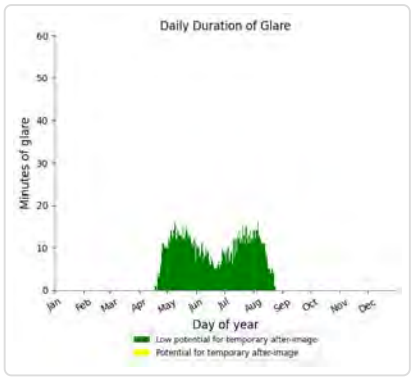


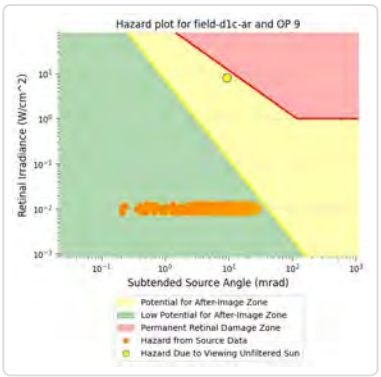
Field D1C Array: OP 9

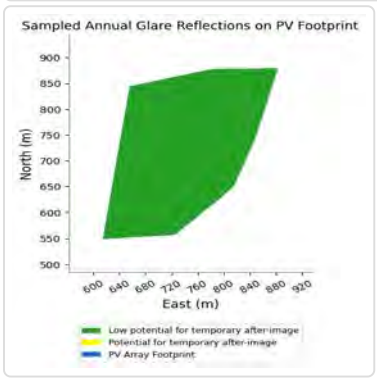
PV array is expected to produce the following glare for this receptor:

- 1,255 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 10

No glare found

Field D1C Array: OP 11

No glare found

Field D1C Array: OP 12

No glare found

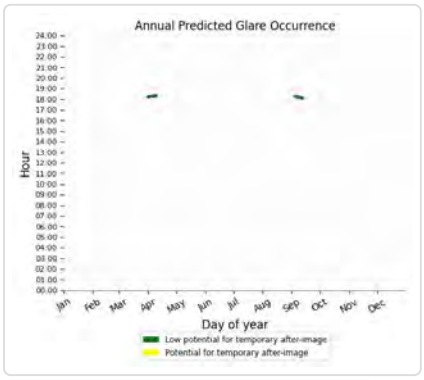
Field D1C Array: OP 13

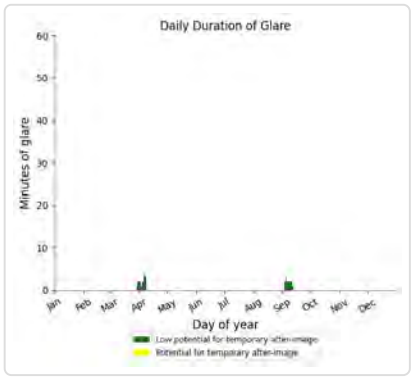
No glare found

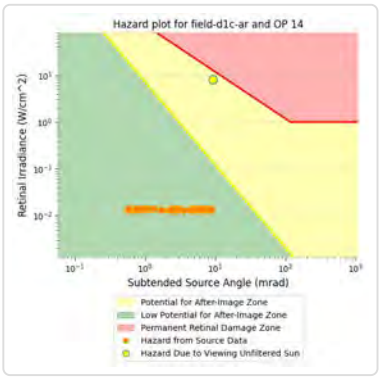
Field D1C Array: OP 14

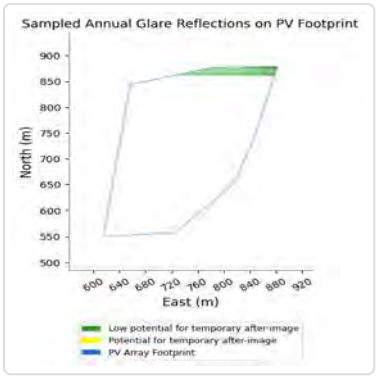
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





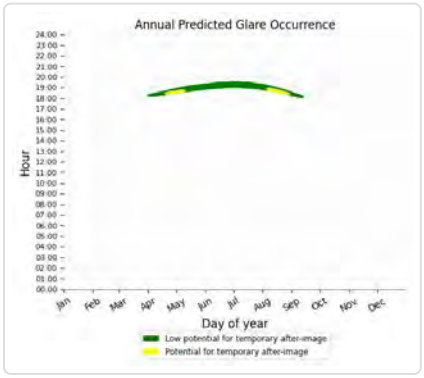


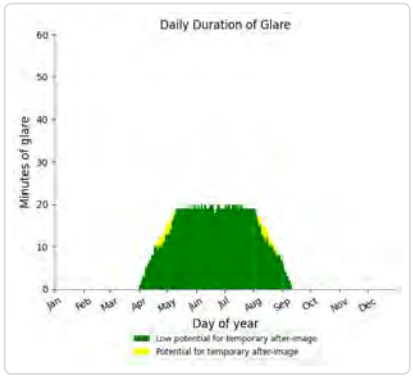


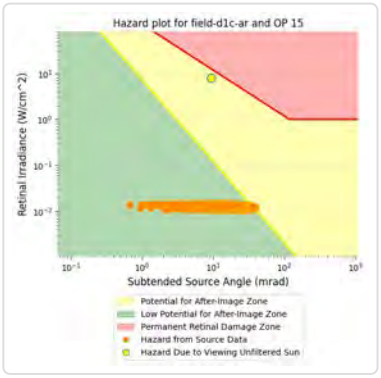
Field D1C Array: OP 15

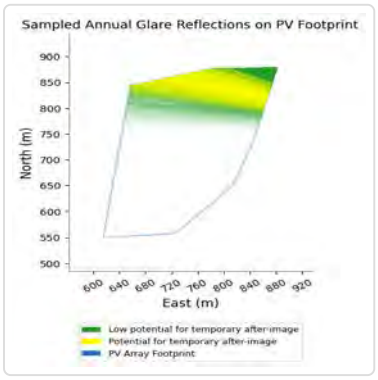
PV array is expected to produce the following glare for this receptor:

- 2,375 minutes of "green" glare with low potential to cause temporary after-image.
- 76 minutes of "yellow" glare with potential to cause temporary after-image.





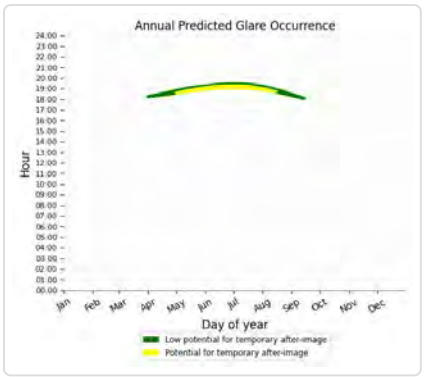


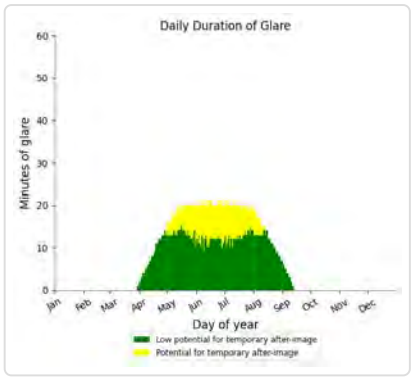


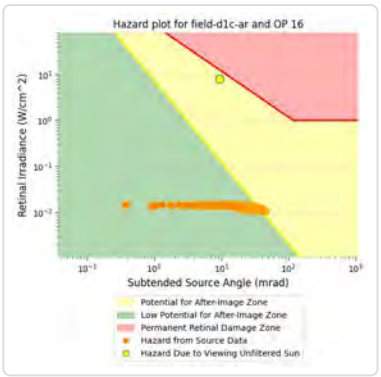
Field D1C Array: OP 16

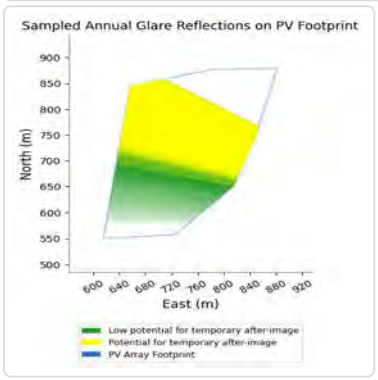
PV array is expected to produce the following glare for this receptor:

- 1,806 minutes of "green" glare with low potential to cause temporary after-image.
- 717 minutes of "yellow" glare with potential to cause temporary after-image.





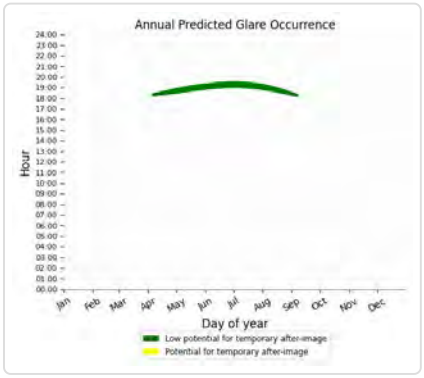


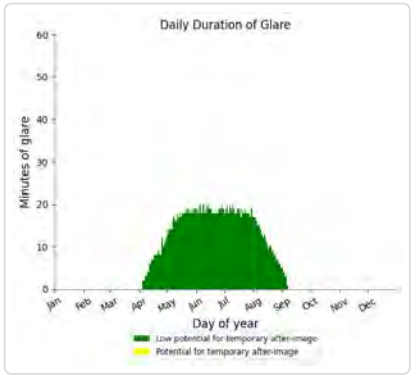


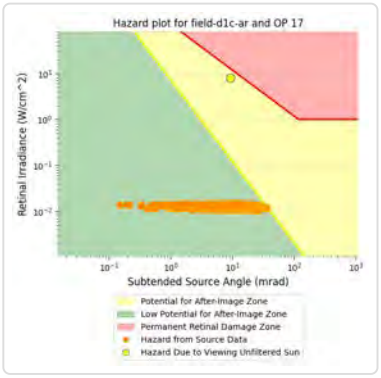
Field D1C Array: OP 17

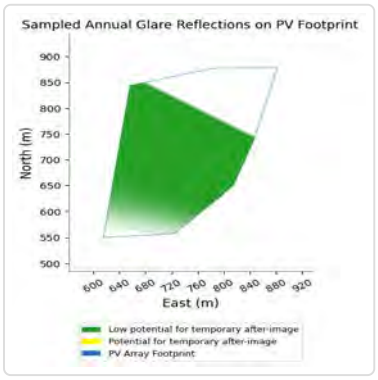
PV array is expected to produce the following glare for this receptor:

- 2,202 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





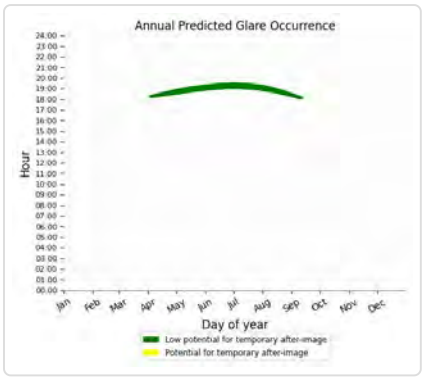




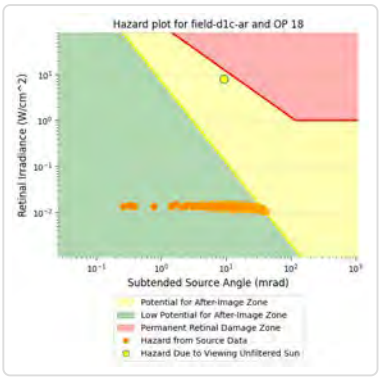
Field D1C Array: OP 18

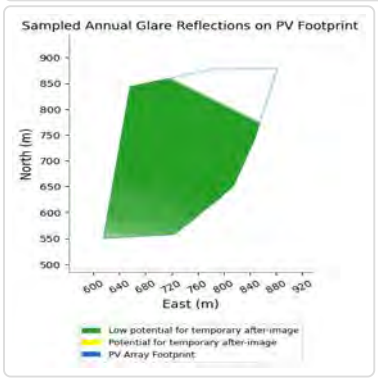
PV array is expected to produce the following glare for this receptor:

- 2,389 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





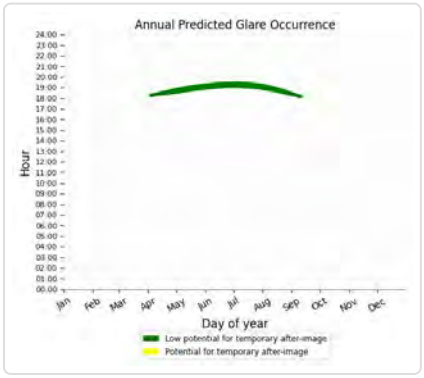


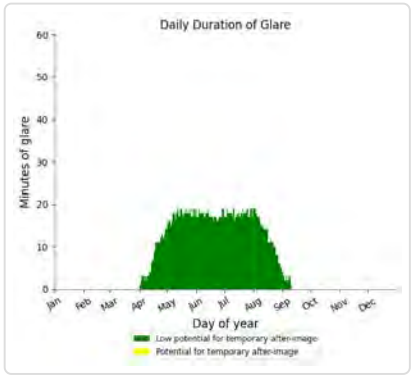


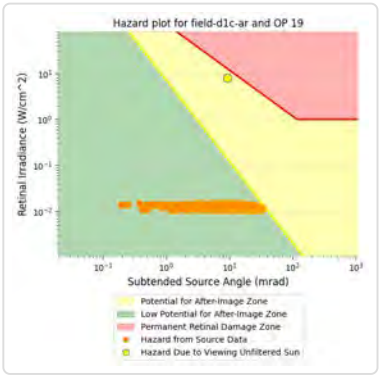
Field D1C Array: OP 19

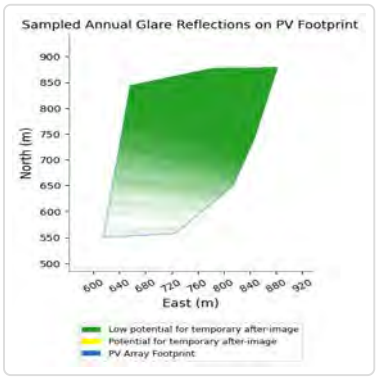
PV array is expected to produce the following glare for this receptor:

- 2,255 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





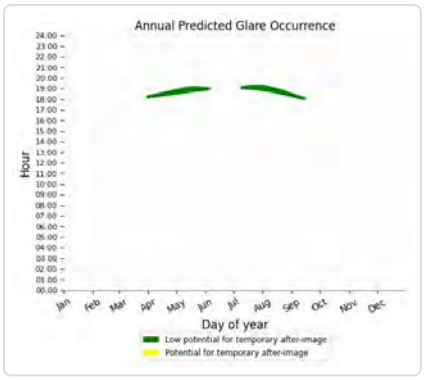




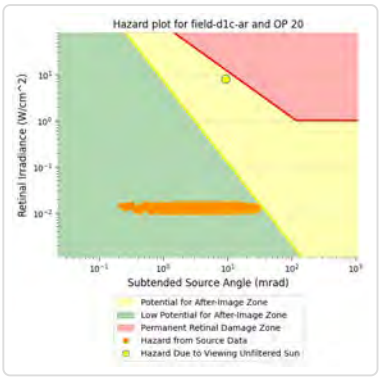
Field D1C Array: OP 20

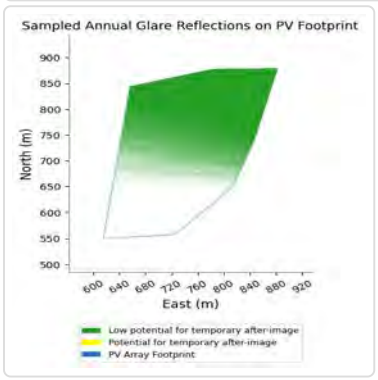
PV array is expected to produce the following glare for this receptor:

- 1,310 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





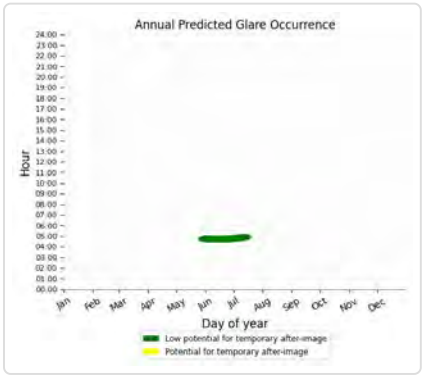


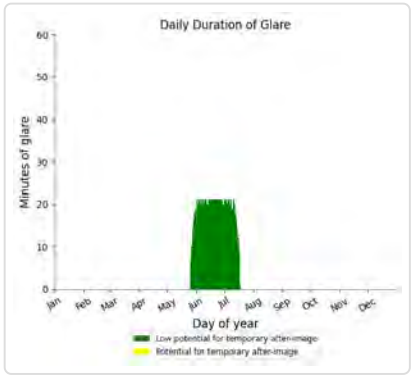


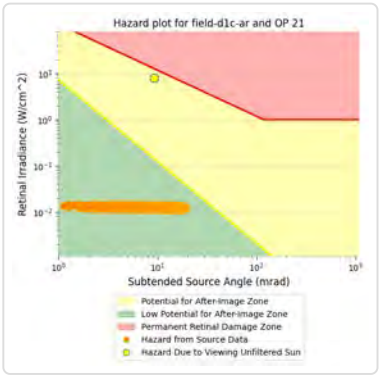
Field D1C Array: OP 21

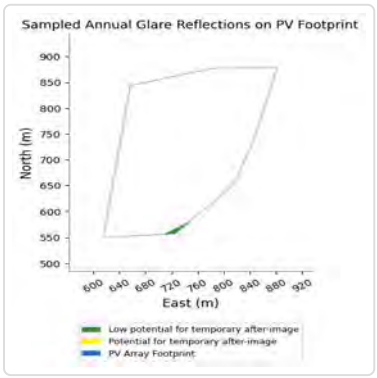
PV array is expected to produce the following glare for this receptor:

- 1,022 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 22

No glare found

Field D1C Array: OP 23

No glare found

Field D1C Array: OP 24

No glare found

Field D1C Array: OP 25

No glare found

Field D1C Array: OP 26

No glare found

Field D1C Array: OP 27

No glare found

Field D1C Array: OP 28

No glare found

Field D1C Array: OP 29

No glare found

Field D1C Array: OP 30

No glare found

Field D1C Array: OP 31

No glare found

Field D1C Array: OP 32

No glare found

Field D1C Array: OP 33

No glare found

Field D1C Array: OP 34

No glare found

Field D1C Array: OP 35

No glare found

Field D1C Array: OP 36

No glare found

Field D1C Array: OP 37

No glare found

Field D1C Array: OP 38

No glare found

Field D1C Array: OP 39

No glare found

Field D1C Array: OP 40

No glare found

Field D1C Array: OP 41

No glare found

Field D1C Array: OP 42

No glare found

Field D1C Array: OP 43

No glare found

Field D1C Array: OP 44

No glare found

Field D1C Array: OP 45

No glare found

Field D1C Array: OP 46

No glare found

Field D1C Array: OP 47

No glare found

Field D1C Array: OP 48

No glare found

Field D1C Array: OP 49

No glare found

Field D1C Array: OP 50

No glare found

Field D1C Array: OP 51

No glare found

Field D1C Array: OP 52

No glare found

Field D1C Array: OP 53

No glare found

Field D1C Array: OP 54

No glare found

Field D1C Array: OP 55

No glare found

Field D1C Array: OP 56

No glare found

Field D1C Array: OP 57

No glare found

Field D1C Array: OP 58

No glare found

Field D1C Array: OP 59

No glare found

Field D1C Array: OP 60

No glare found

Field D2 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0

OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	426	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	1504	786
OP: OP 23	1631	453
OP: OP 24	1783	77
OP: OP 25	1500	772
OP: OP 26	15	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0

OP: OP 58	682	0
OP: OP 59	0	0
OP: OP 60	593	0

Field D2 Array: OP 1

No glare found

Field D2 Array: OP 2

No glare found

Field D2 Array: OP 3

No glare found

Field D2 Array: OP 4

No glare found

Field D2 Array: OP 5

No glare found

Field D2 Array: OP 6

No glare found

Field D2 Array: OP 7

No glare found

Field D2 Array: OP 8

No glare found

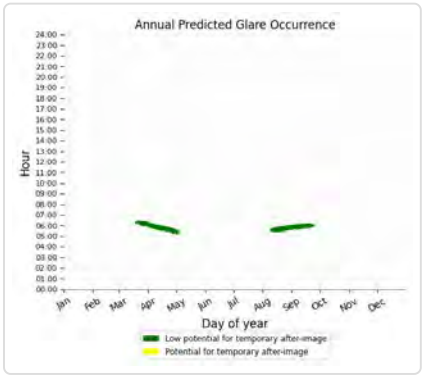
Field D2 Array: OP 9

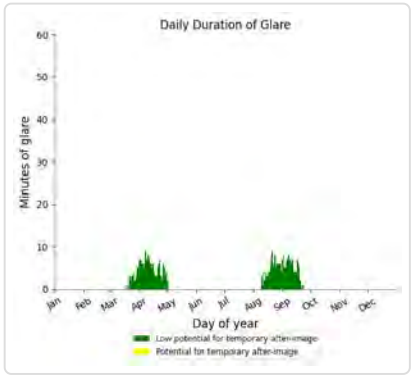
No glare found

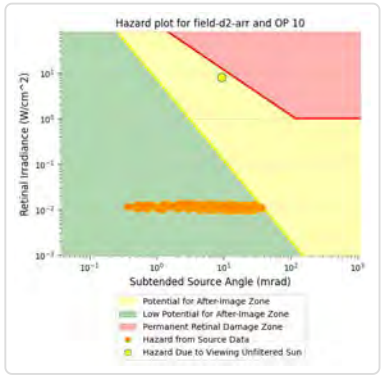
Field D2 Array: OP 10

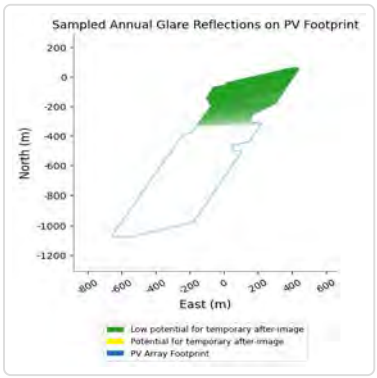
PV array is expected to produce the following glare for this receptor:

- 426 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 11

No glare found

Field D2 Array: OP 12

No glare found

Field D2 Array: OP 13

No glare found

Field D2 Array: OP 14

No glare found

Field D2 Array: OP 15

No glare found

Field D2 Array: OP 16

No glare found

Field D2 Array: OP 17

No glare found

Field D2 Array: OP 18

No glare found

Field D2 Array: OP 19

No glare found

Field D2 Array: OP 20

No glare found

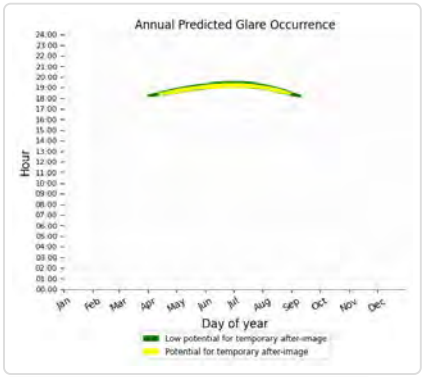
Field D2 Array: OP 21

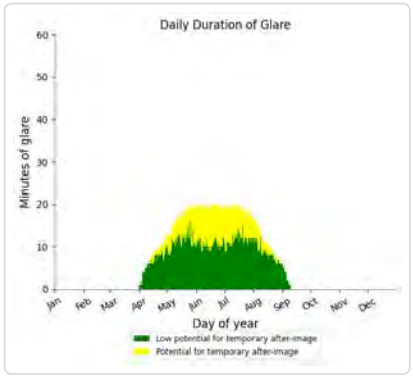
No glare found

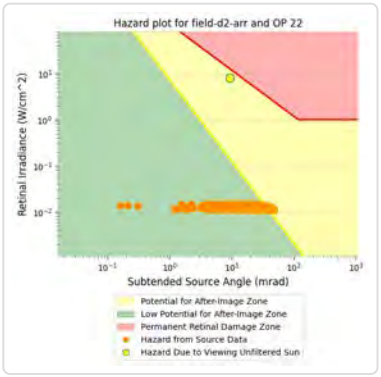
Field D2 Array: OP 22

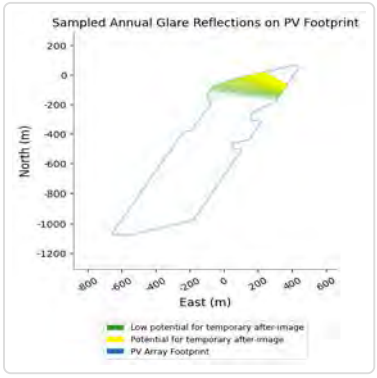
PV array is expected to produce the following glare for this receptor:

- 1,504 minutes of "green" glare with low potential to cause temporary after-image.
- 786 minutes of "yellow" glare with potential to cause temporary after-image.





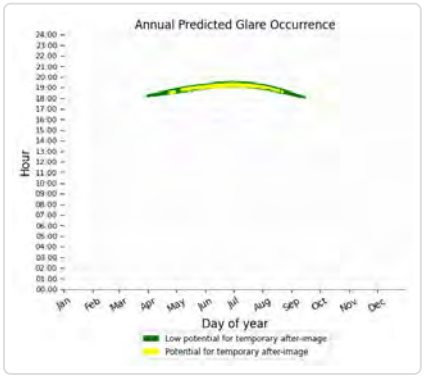


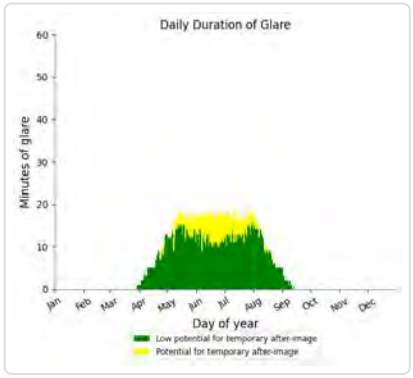


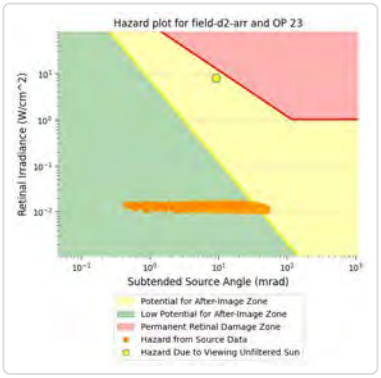
Field D2 Array: OP 23

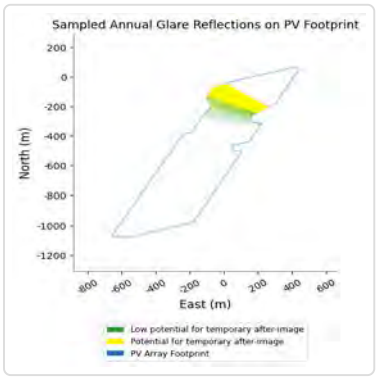
PV array is expected to produce the following glare for this receptor:

- 1,631 minutes of "green" glare with low potential to cause temporary after-image.
- 453 minutes of "yellow" glare with potential to cause temporary after-image.





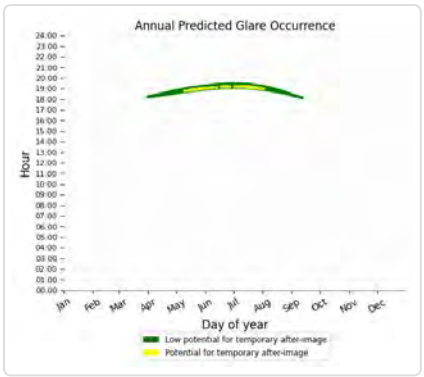


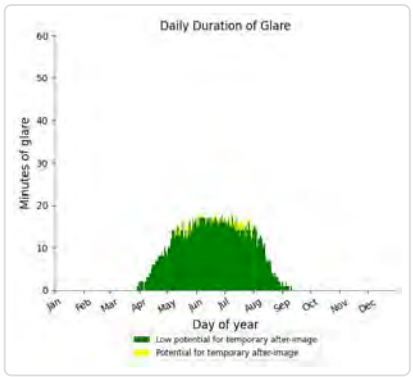


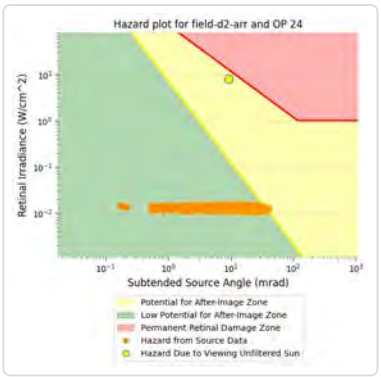
Field D2 Array: OP 24

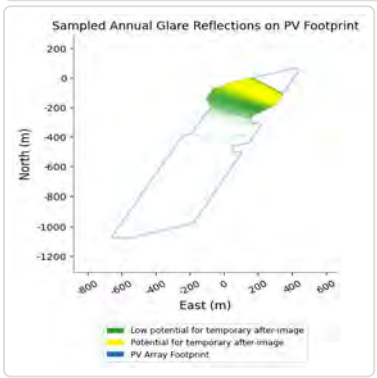
PV array is expected to produce the following glare for this receptor:

- 1,783 minutes of "green" glare with low potential to cause temporary after-image.
- 77 minutes of "yellow" glare with potential to cause temporary after-image.





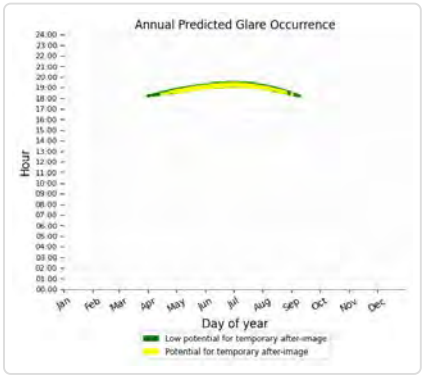


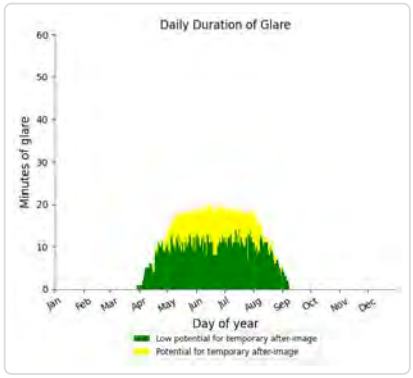


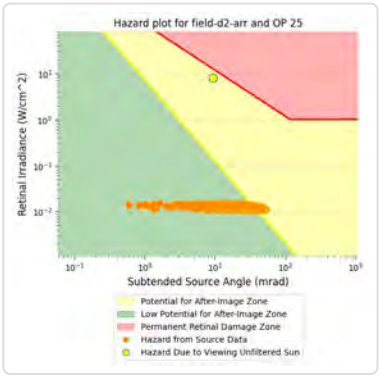
Field D2 Array: OP 25

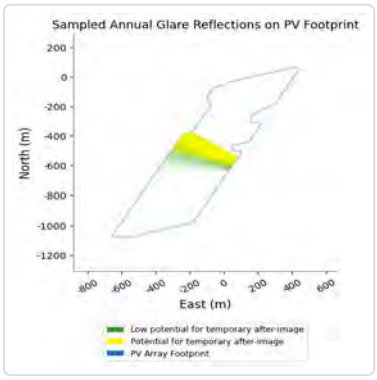
PV array is expected to produce the following glare for this receptor:

- 1,500 minutes of "green" glare with low potential to cause temporary after-image.
- 772 minutes of "yellow" glare with potential to cause temporary after-image.





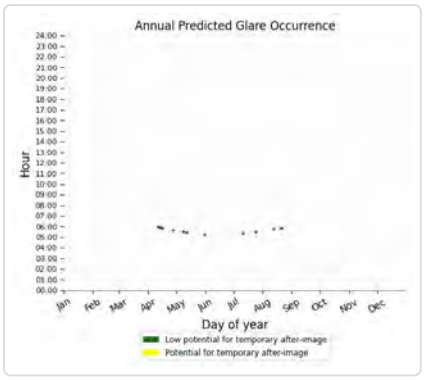


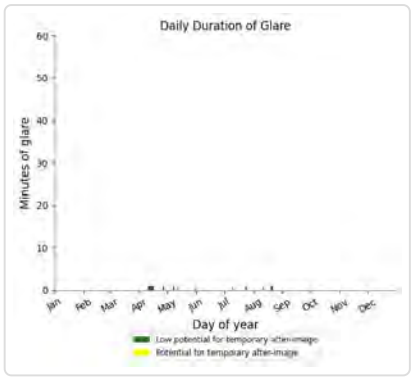


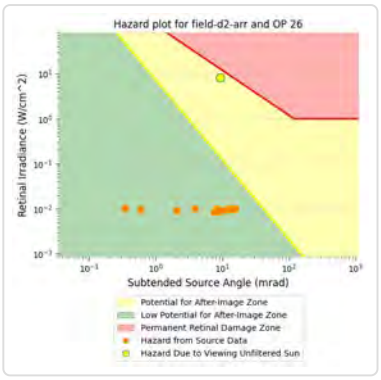
Field D2 Array: OP 26

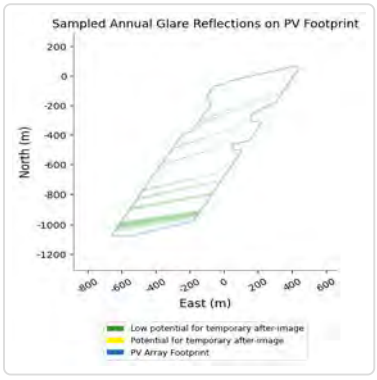
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 27

No glare found

Field D2 Array: OP 28

No glare found

Field D2 Array: OP 29

No glare found

Field D2 Array: OP 30

No glare found

Field D2 Array: OP 31

No glare found

Field D2 Array: OP 32

No glare found

Field D2 Array: OP 33

No glare found

Field D2 Array: OP 34

No glare found

Field D2 Array: OP 35

No glare found

Field D2 Array: OP 36

No glare found

Field D2 Array: OP 37

No glare found

Field D2 Array: OP 38

No glare found

Field D2 Array: OP 39

No glare found

Field D2 Array: OP 40

No glare found

Field D2 Array: OP 41

No glare found

Field D2 Array: OP 42

No glare found

Field D2 Array: OP 43

No glare found

Field D2 Array: OP 44

No glare found

Field D2 Array: OP 45

No glare found

Field D2 Array: OP 46

No glare found

Field D2 Array: OP 47

No glare found

Field D2 Array: OP 48

No glare found

Field D2 Array: OP 49

No glare found

Field D2 Array: OP 50

No glare found

Field D2 Array: OP 51

No glare found

Field D2 Array: OP 52

No glare found

Field D2 Array: OP 53

No glare found

Field D2 Array: OP 54

No glare found

Field D2 Array: OP 55

No glare found

Field D2 Array: OP 56

No glare found

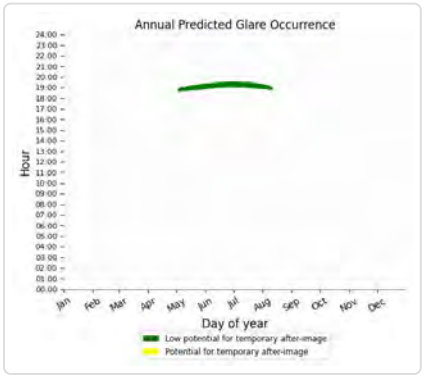
Field D2 Array: OP 57

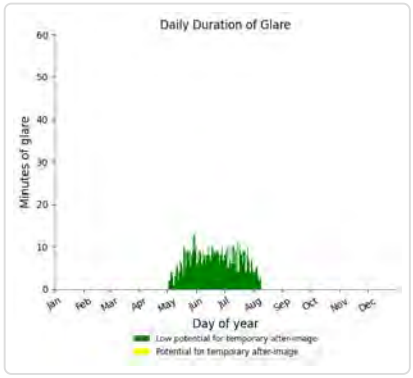
No glare found

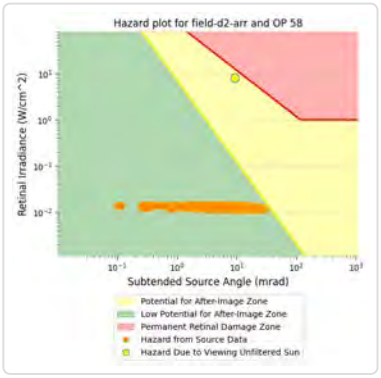
Field D2 Array: OP 58

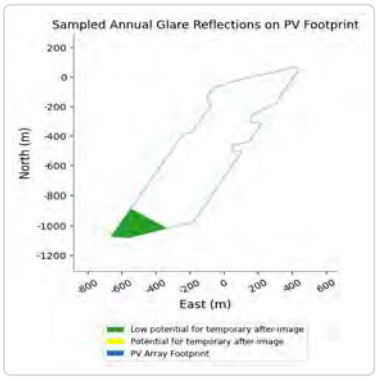
PV array is expected to produce the following glare for this receptor:

- 682 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









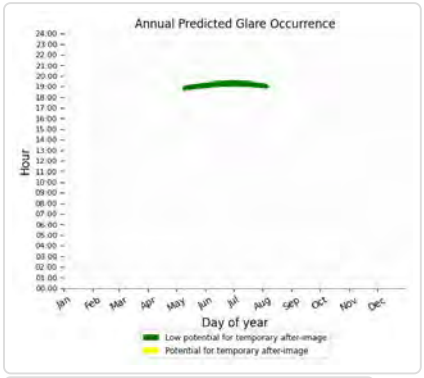
Field D2 Array: OP 59

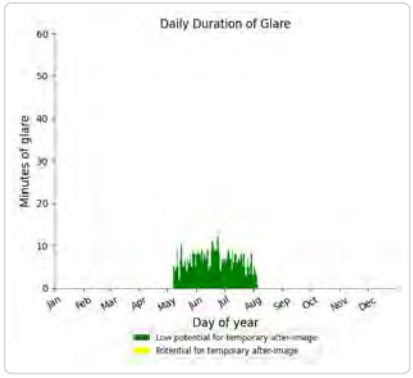
No glare found

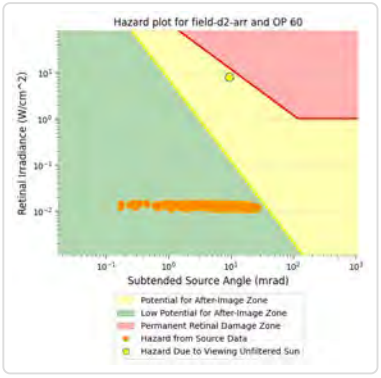
Field D2 Array: OP 60

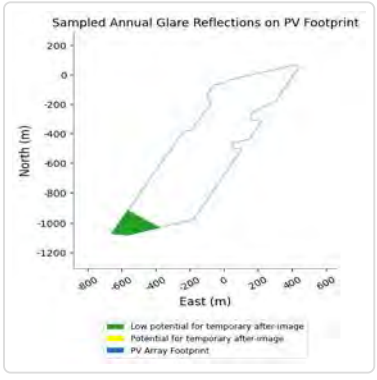
PV array is expected to produce the following glare for this receptor:

- 593 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	538	77
OP: OP 11	329	0
OP: OP 12	1309	114
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	21	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	1512	32
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	1108	66
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0

OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	328	14
OP: OP 55	1453	110
OP: OP 56	1652	96
OP: OP 57	1992	24
OP: OP 58	1298	0
OP: OP 59	1357	0
OP: OP 60	953	0

Field D3 Array: OP 1

No glare found

Field D3 Array: OP 2

No glare found

Field D3 Array: OP 3

No glare found

Field D3 Array: OP 4

No glare found

Field D3 Array: OP 5

No glare found

Field D3 Array: OP 6

No glare found

Field D3 Array: OP 7

No glare found

Field D3 Array: OP 8

No glare found

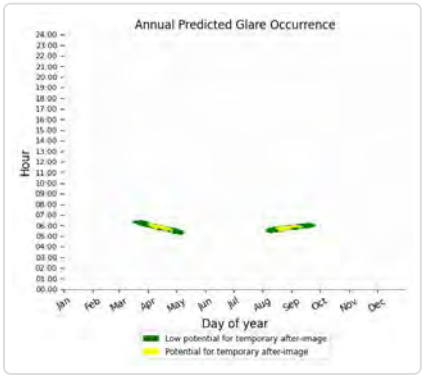
Field D3 Array: OP 9

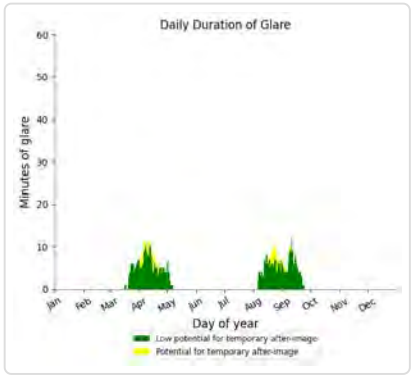
No glare found

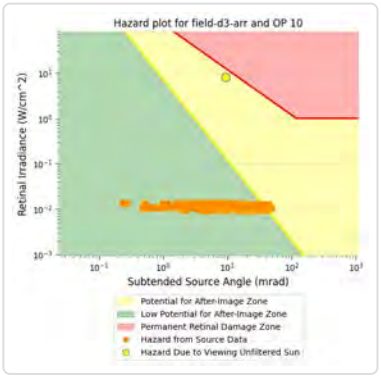
Field D3 Array: OP 10

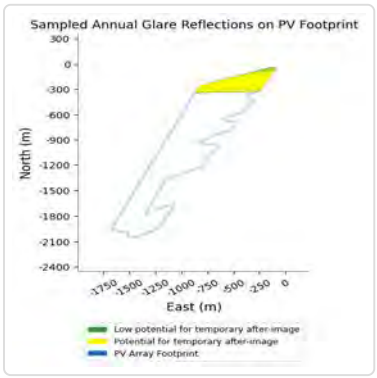
PV array is expected to produce the following glare for this receptor:

- 538 minutes of "green" glare with low potential to cause temporary after-image.
- 77 minutes of "yellow" glare with potential to cause temporary after-image.





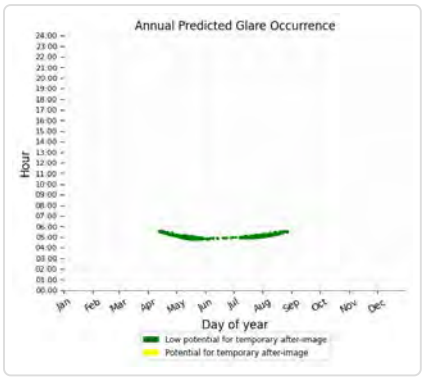


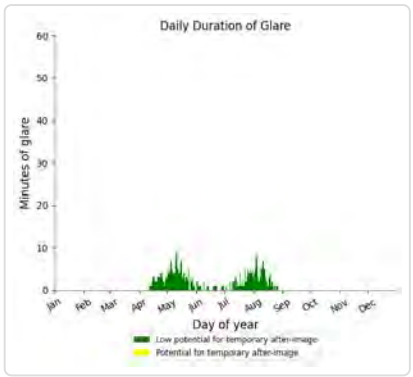


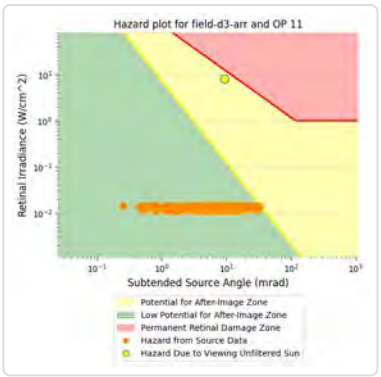
Field D3 Array: OP 11

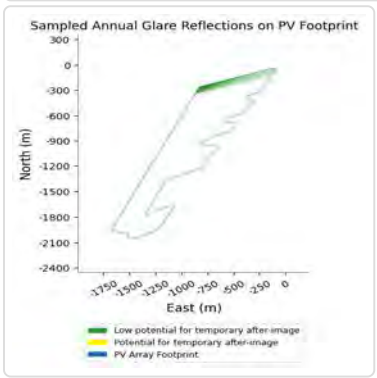
PV array is expected to produce the following glare for this receptor:

- 329 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





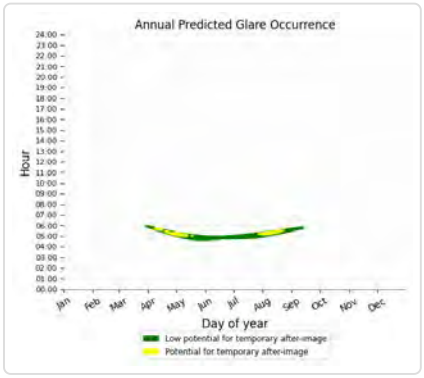


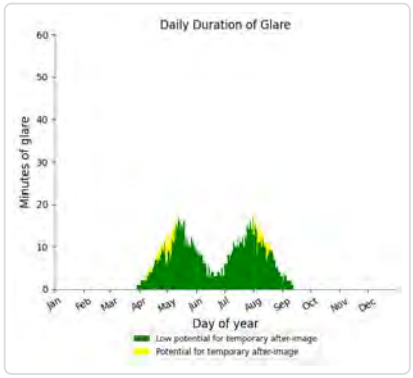


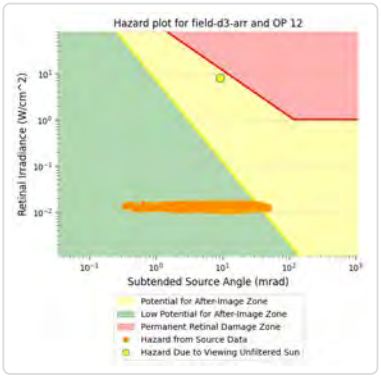
Field D3 Array: OP 12

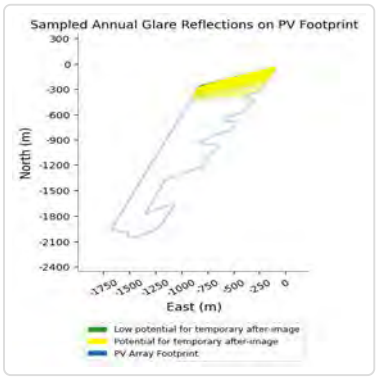
PV array is expected to produce the following glare for this receptor:

- 1,309 minutes of "green" glare with low potential to cause temporary after-image.
- 114 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 13

No glare found

Field D3 Array: OP 14

No glare found

Field D3 Array: OP 15

No glare found

Field D3 Array: OP 16

No glare found

Field D3 Array: OP 17

No glare found

Field D3 Array: OP 18

No glare found

Field D3 Array: OP 19

No glare found

Field D3 Array: OP 20

No glare found

Field D3 Array: OP 21

No glare found

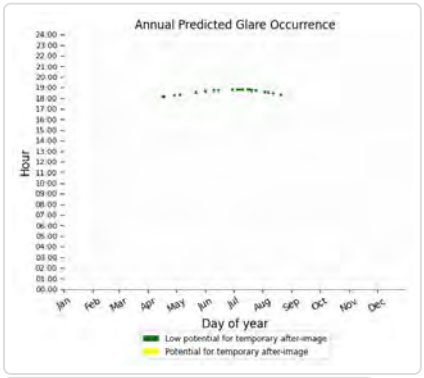
Field D3 Array: OP 22

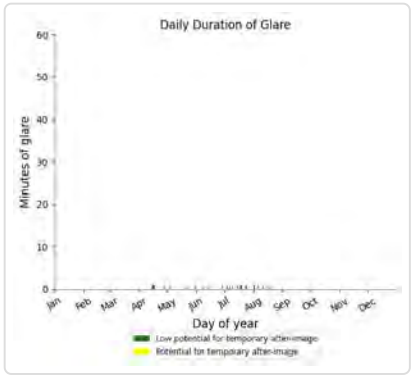
No glare found

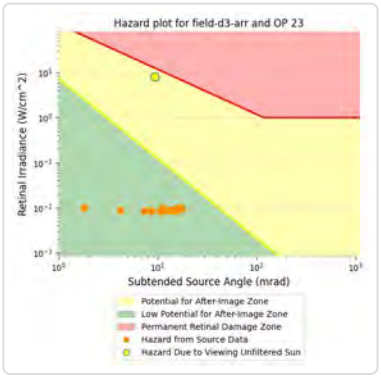
Field D3 Array: OP 23

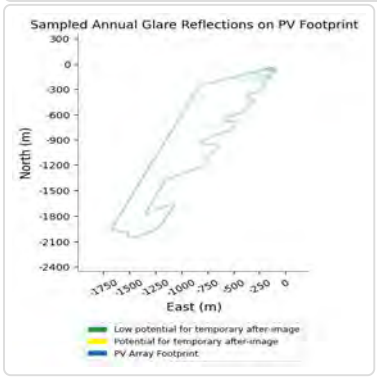
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 24

No glare found

Field D3 Array: OP 25

No glare found

Field D3 Array: OP 26

No glare found

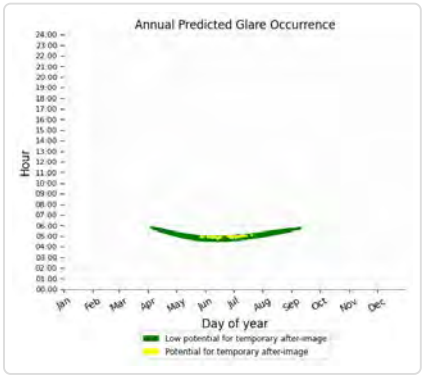
Field D3 Array: OP 27

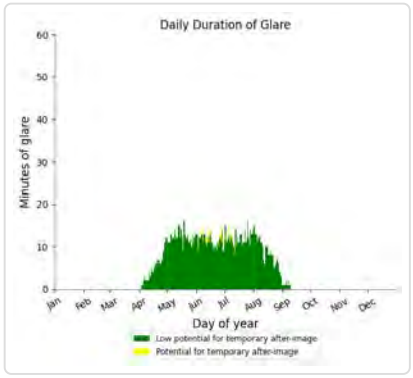
No glare found

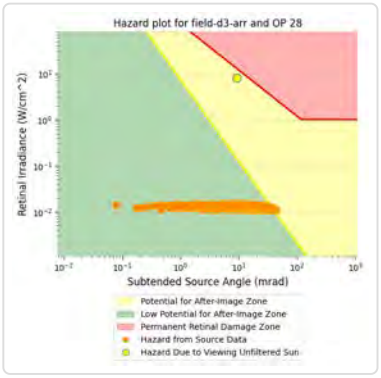
Field D3 Array: OP 28

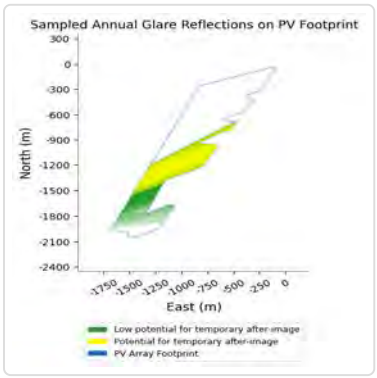
PV array is expected to produce the following glare for this receptor:

- 1,512 minutes of "green" glare with low potential to cause temporary after-image.
- 32 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 29

No glare found

Field D3 Array: OP 30

No glare found

Field D3 Array: OP 31

No glare found

Field D3 Array: OP 32

No glare found

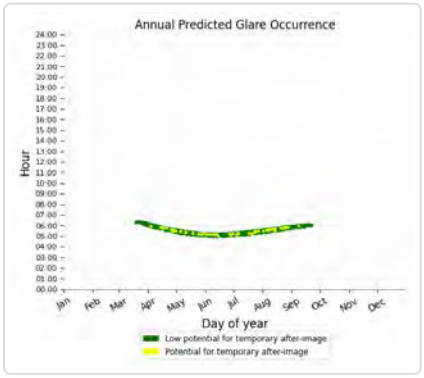
Field D3 Array: OP 33

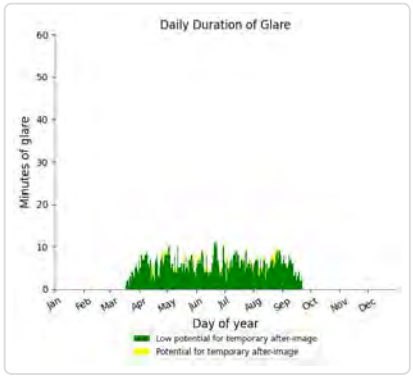
No glare found

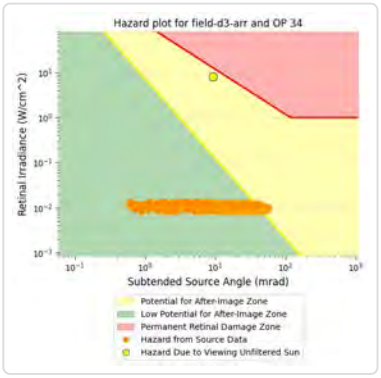
Field D3 Array: OP 34

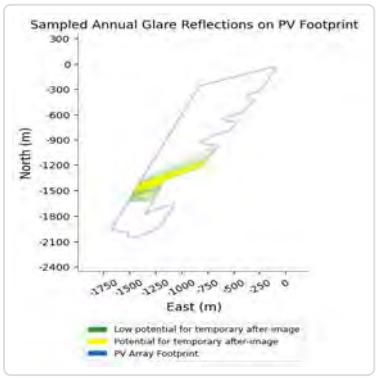
PV array is expected to produce the following glare for this receptor:

- 1,108 minutes of "green" glare with low potential to cause temporary after-image.
- 66 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 35

No glare found

Field D3 Array: OP 36

No glare found

Field D3 Array: OP 37

No glare found

Field D3 Array: OP 38

No glare found

Field D3 Array: OP 39

No glare found

Field D3 Array: OP 40

No glare found

Field D3 Array: OP 41

No glare found

Field D3 Array: OP 42

No glare found

Field D3 Array: OP 43

No glare found

Field D3 Array: OP 44

No glare found

Field D3 Array: OP 45

No glare found

Field D3 Array: OP 46

No glare found

Field D3 Array: OP 47

No glare found

Field D3 Array: OP 48

No glare found

Field D3 Array: OP 49

No glare found

Field D3 Array: OP 50

No glare found

Field D3 Array: OP 51

No glare found

Field D3 Array: OP 52

No glare found

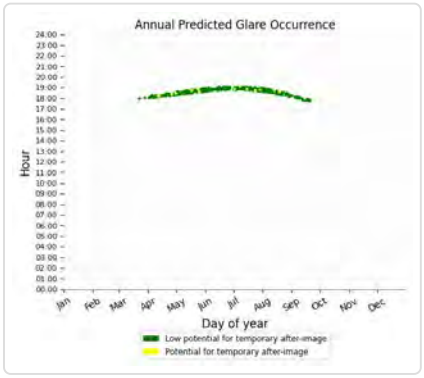
Field D3 Array: OP 53

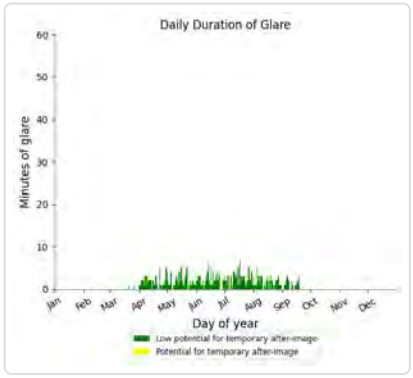
No glare found

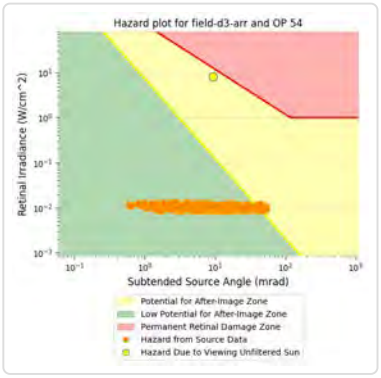
Field D3 Array: OP 54

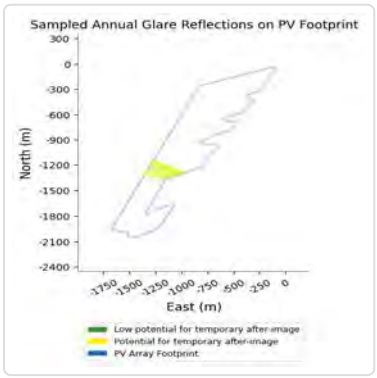
PV array is expected to produce the following glare for this receptor:

- 328 minutes of "green" glare with low potential to cause temporary after-image.
- 14 minutes of "yellow" glare with potential to cause temporary after-image.





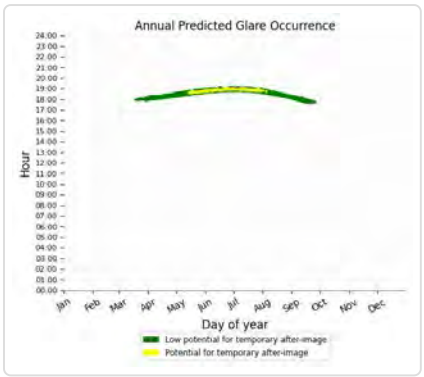


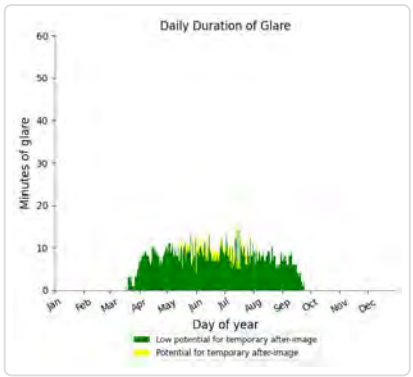


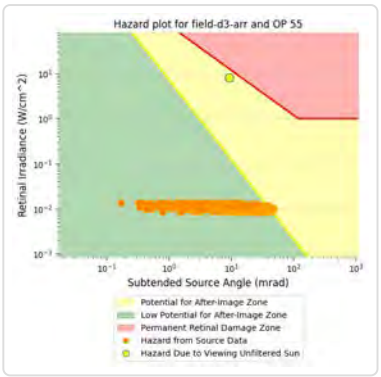
Field D3 Array: OP 55

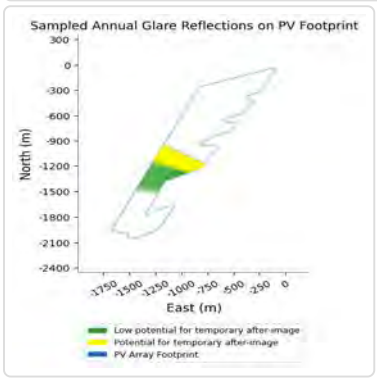
PV array is expected to produce the following glare for this receptor:

- 1,453 minutes of "green" glare with low potential to cause temporary after-image.
- 110 minutes of "yellow" glare with potential to cause temporary after-image.





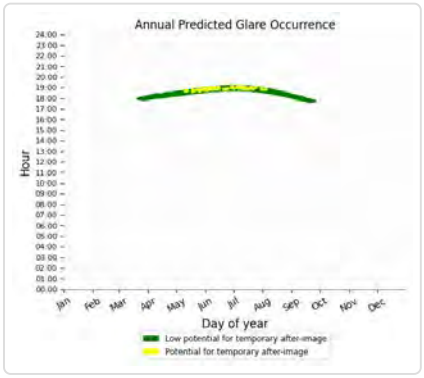


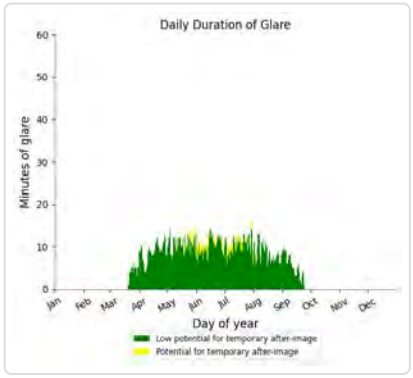


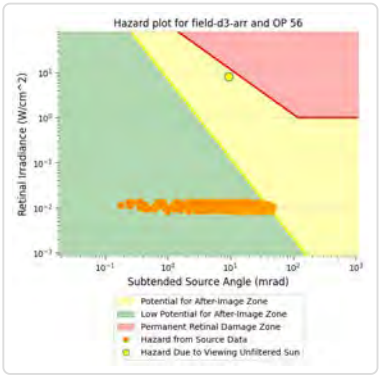
Field D3 Array: OP 56

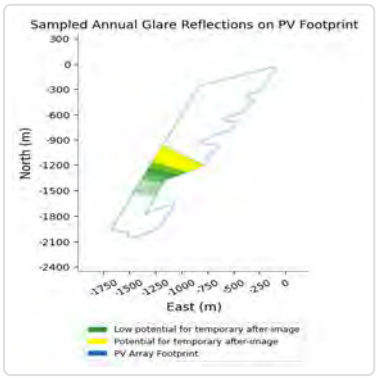
PV array is expected to produce the following glare for this receptor:

- 1,652 minutes of "green" glare with low potential to cause temporary after-image.
- 96 minutes of "yellow" glare with potential to cause temporary after-image.





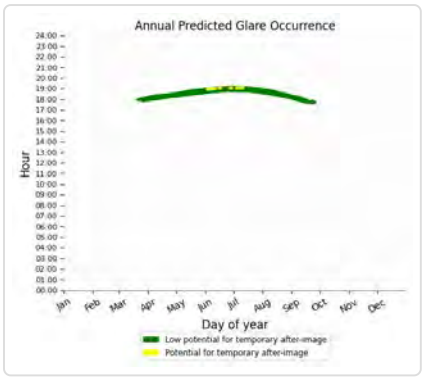


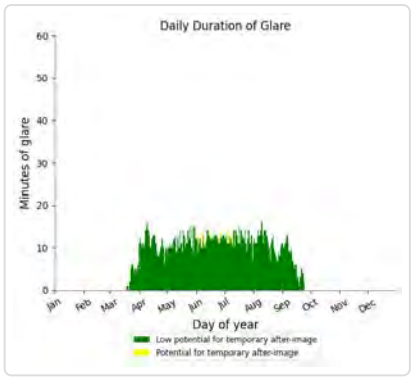


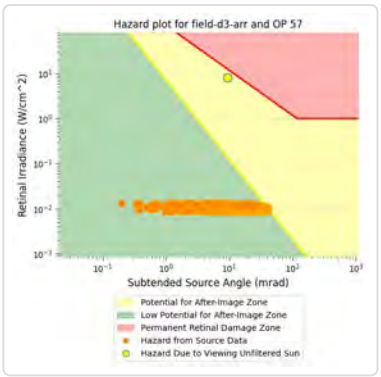
Field D3 Array: OP 57

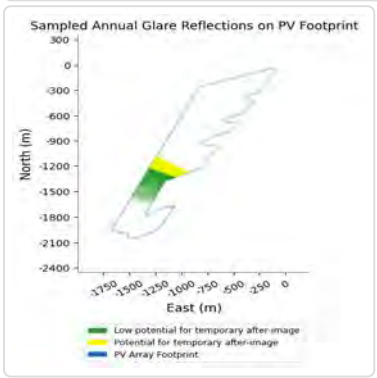
PV array is expected to produce the following glare for this receptor:

- 1,992 minutes of "green" glare with low potential to cause temporary after-image.
- 24 minutes of "yellow" glare with potential to cause temporary after-image.





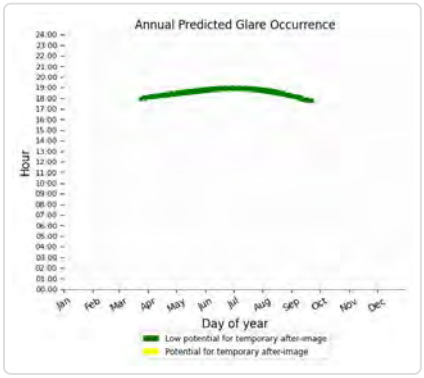


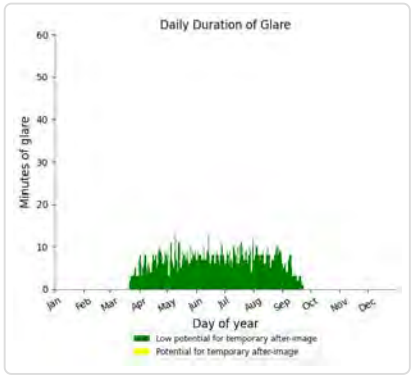


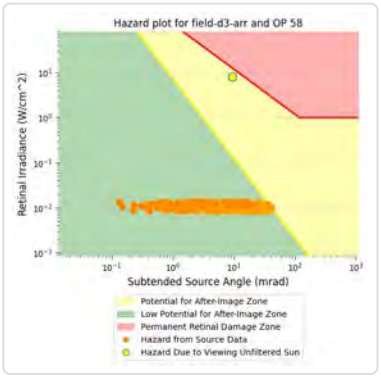
Field D3 Array: OP 58

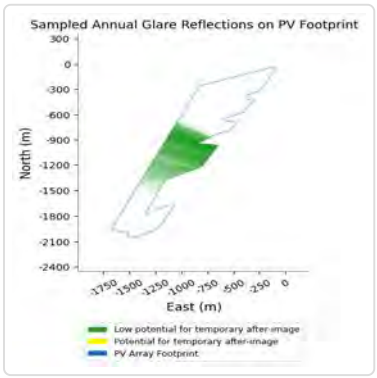
PV array is expected to produce the following glare for this receptor:

- 1,298 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





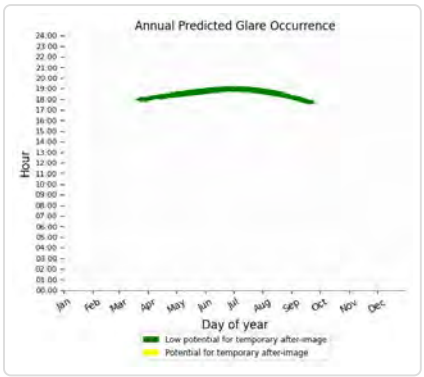


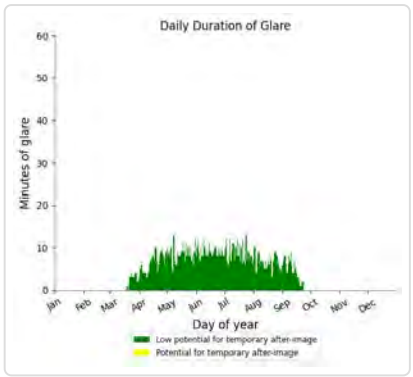


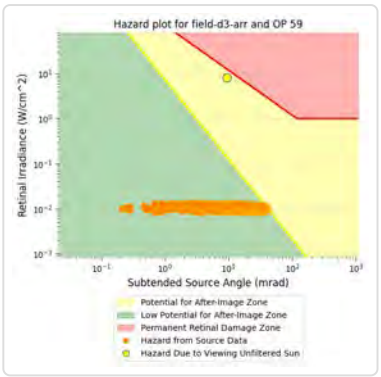
Field D3 Array: OP 59

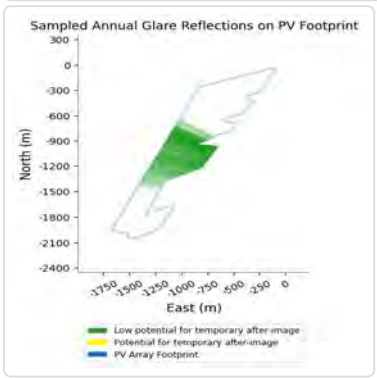
PV array is expected to produce the following glare for this receptor:

- 1,357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





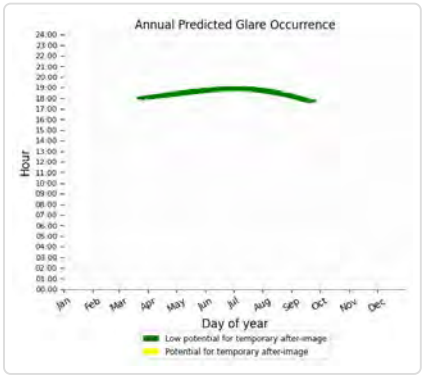


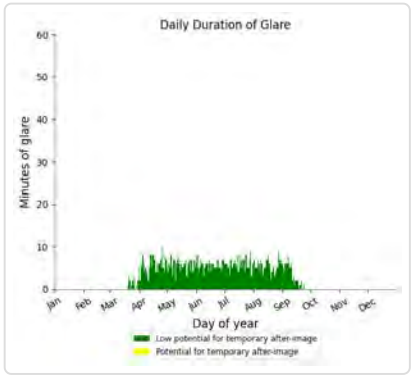


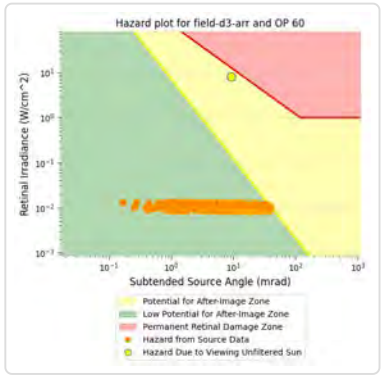
Field D3 Array: OP 60

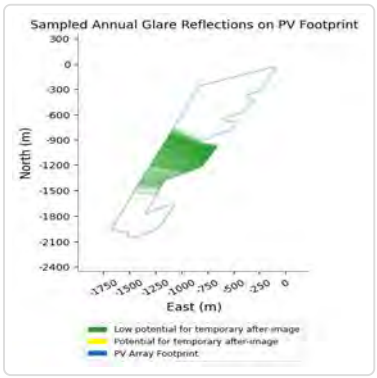
PV array is expected to produce the following glare for this receptor:

- 953 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	683	0
OP: OP 37	887	0
OP: OP 38	0	0
OP: OP 39	63	0
OP: OP 40	0	0
OP: OP 41	412	0
OP: OP 42	613	0
OP: OP 43	445	0
OP: OP 44	887	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	1418	40
OP: OP 48	30	0
OP: OP 49	363	19
OP: OP 50	65	0
OP: OP 51	1538	429
OP: OP 52	1516	316
OP: OP 53	333	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D5 Array: OP 1

No glare found

Field D5 Array: OP 2

No glare found

Field D5 Array: OP 3

No glare found

Field D5 Array: OP 4

No glare found

Field D5 Array: OP 5

No glare found

Field D5 Array: OP 6

No glare found

Field D5 Array: OP 7

No glare found

Field D5 Array: OP 8

No glare found

Field D5 Array: OP 9

No glare found

Field D5 Array: OP 10

No glare found

Field D5 Array: OP 11

No glare found

Field D5 Array: OP 12

No glare found

Field D5 Array: OP 13

No glare found

Field D5 Array: OP 14

No glare found

Field D5 Array: OP 15

No glare found

Field D5 Array: OP 16

No glare found

Field D5 Array: OP 17

No glare found

Field D5 Array: OP 18

No glare found

Field D5 Array: OP 19

No glare found

Field D5 Array: OP 20

No glare found

Field D5 Array: OP 21

No glare found

Field D5 Array: OP 22

No glare found

Field D5 Array: OP 23

No glare found

Field D5 Array: OP 24

No glare found

Field D5 Array: OP 25

No glare found

Field D5 Array: OP 26

No glare found

Field D5 Array: OP 27

No glare found

Field D5 Array: OP 28

No glare found

Field D5 Array: OP 29

No glare found

Field D5 Array: OP 30

No glare found

Field D5 Array: OP 31

No glare found

Field D5 Array: OP 32

No glare found

Field D5 Array: OP 33

No glare found

Field D5 Array: OP 34

No glare found

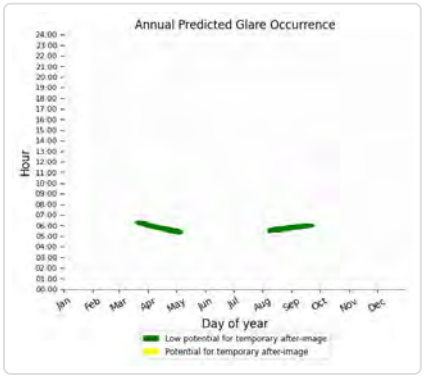
Field D5 Array: OP 35

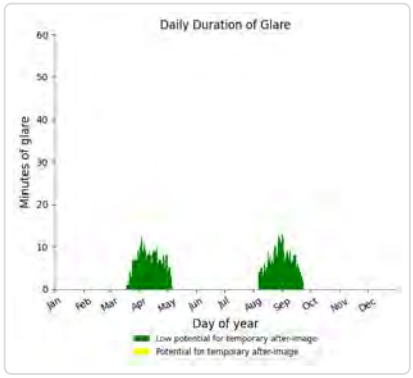
No glare found

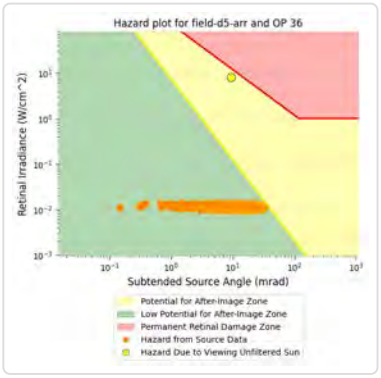
Field D5 Array: OP 36

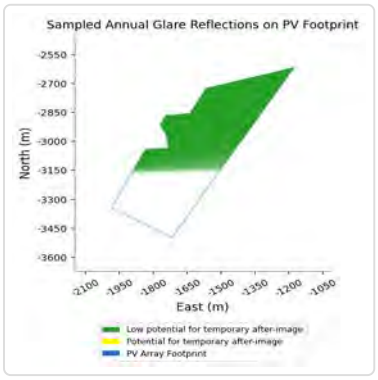
PV array is expected to produce the following glare for this receptor:

- 683 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





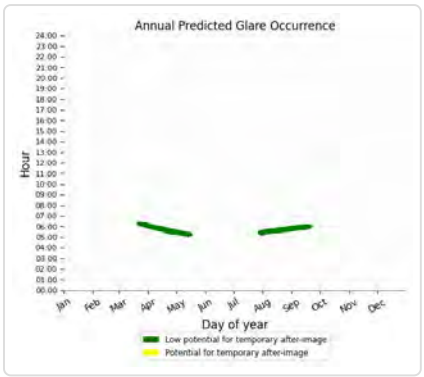


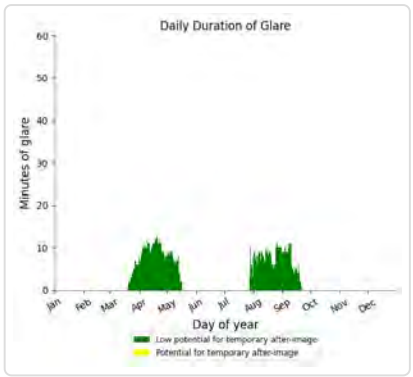


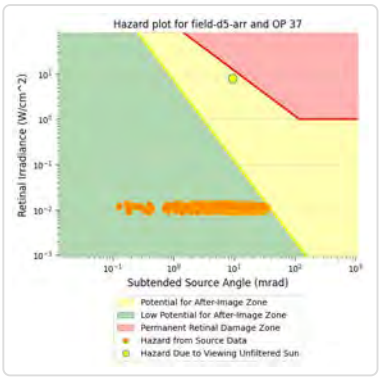
Field D5 Array: OP 37

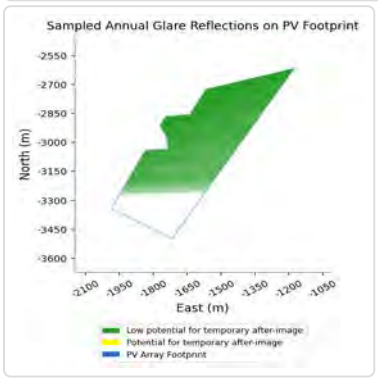
PV array is expected to produce the following glare for this receptor:

- 887 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









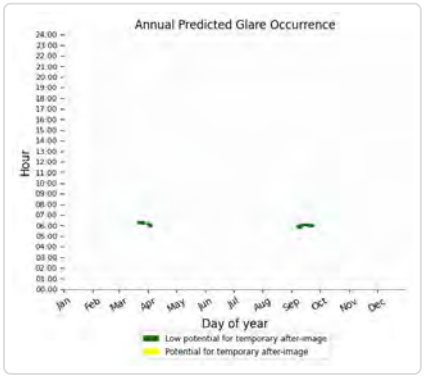
Field D5 Array: OP 38

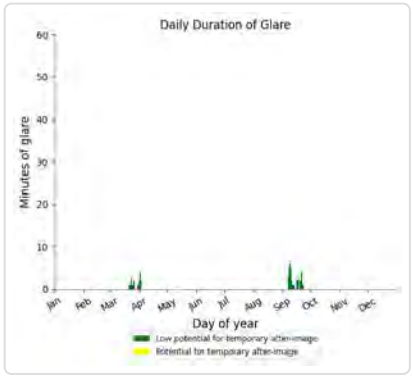
No glare found

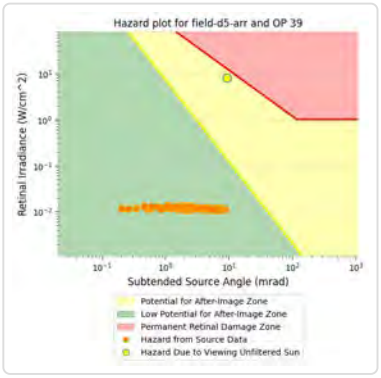
Field D5 Array: OP 39

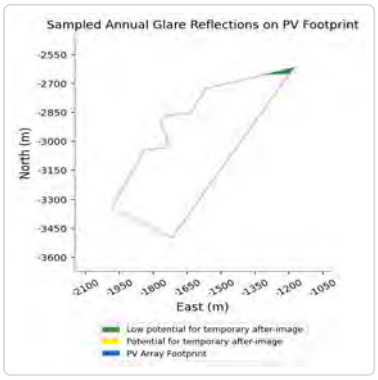
PV array is expected to produce the following glare for this receptor:

- 63 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









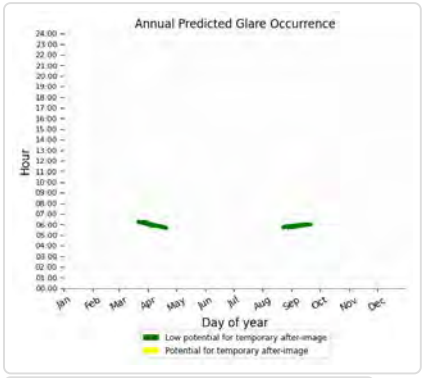
Field D5 Array: OP 40

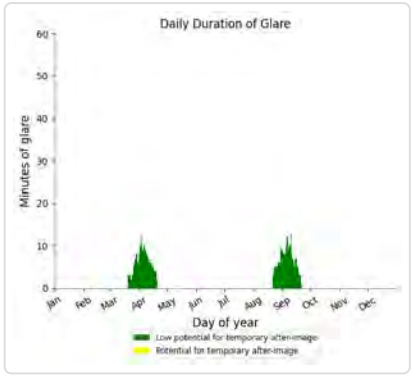
No glare found

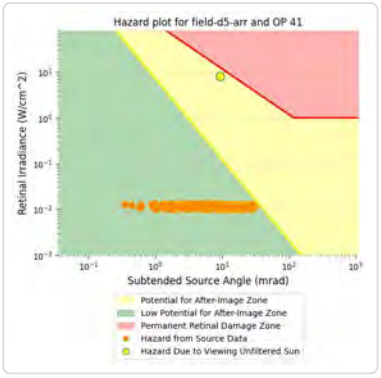
Field D5 Array: OP 41

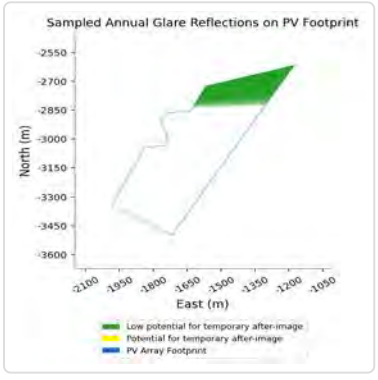
PV array is expected to produce the following glare for this receptor:

- 412 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





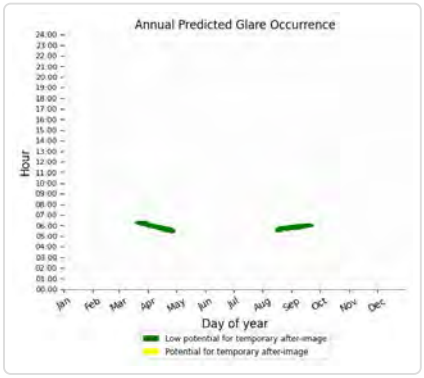


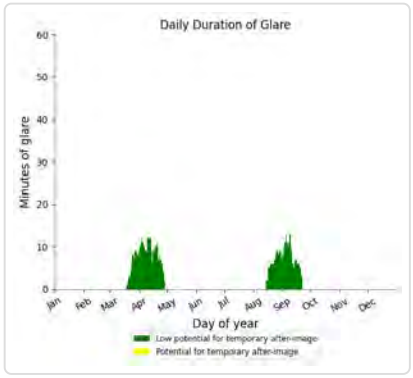


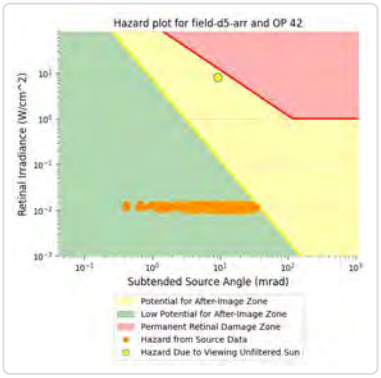
Field D5 Array: OP 42

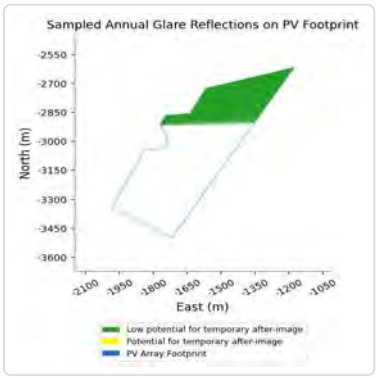
PV array is expected to produce the following glare for this receptor:

- 613 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





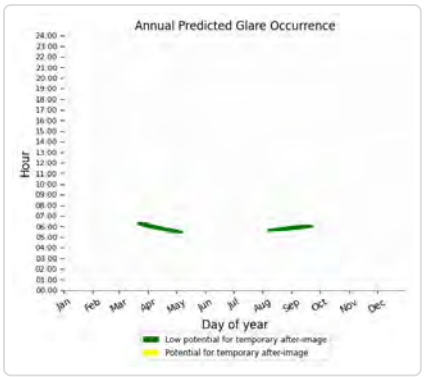


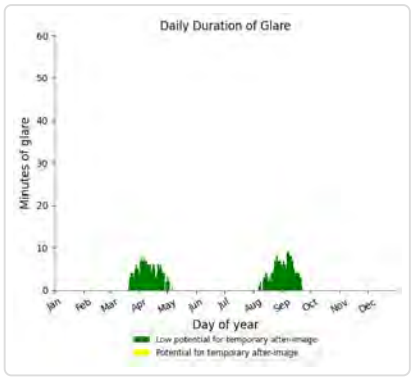


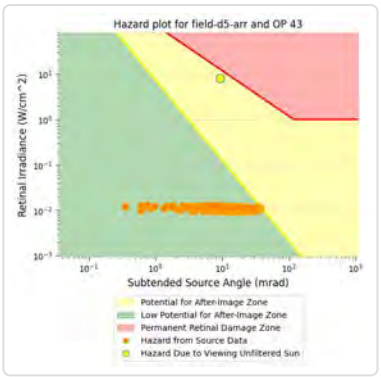
Field D5 Array: OP 43

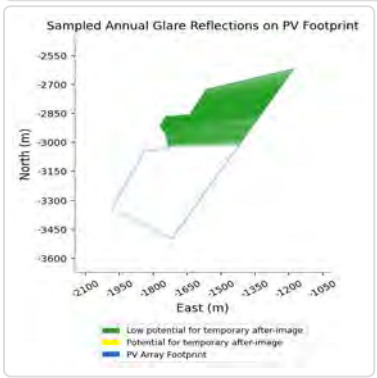
PV array is expected to produce the following glare for this receptor:

- 445 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





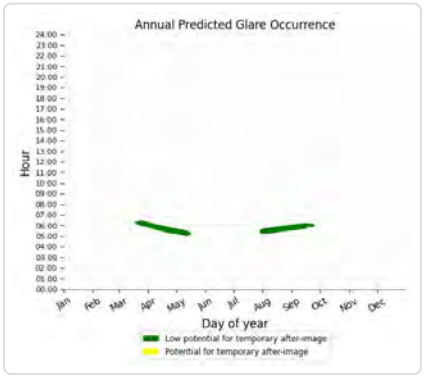


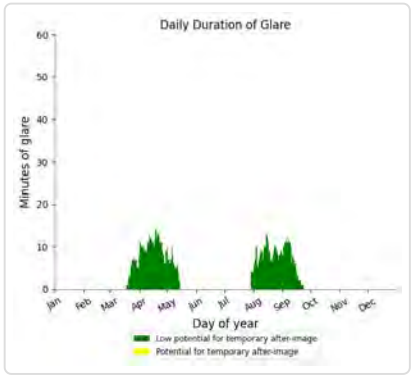


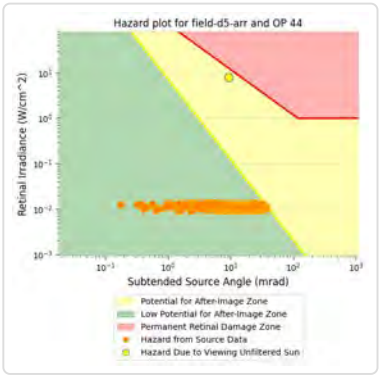
Field D5 Array: OP 44

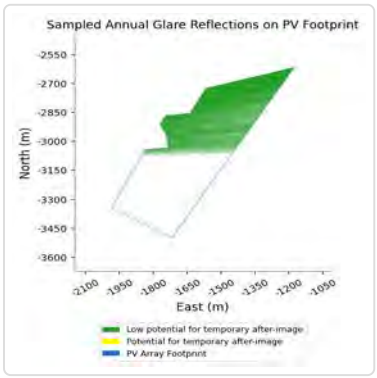
PV array is expected to produce the following glare for this receptor:

- 887 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 45

No glare found

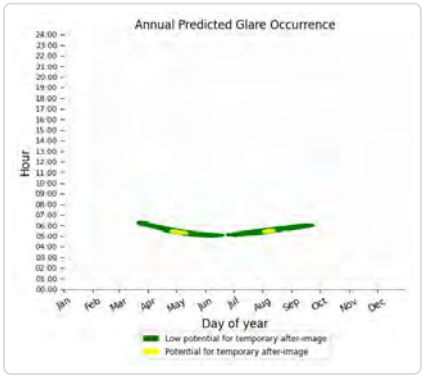
Field D5 Array: OP 46

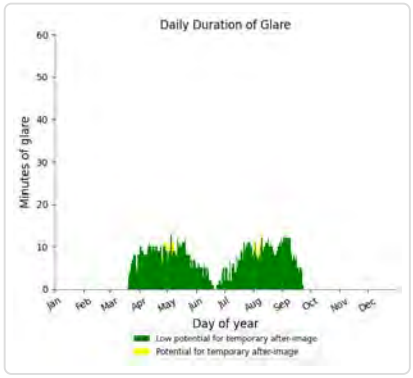
No glare found

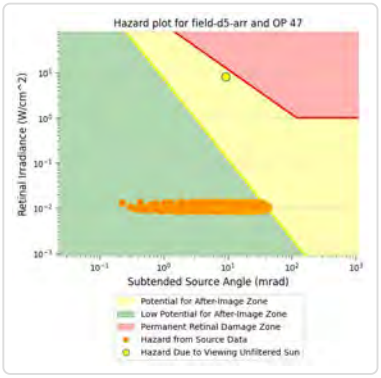
Field D5 Array: OP 47

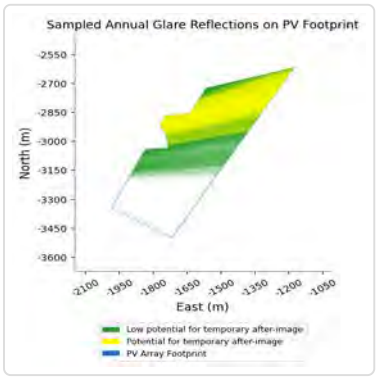
PV array is expected to produce the following glare for this receptor:

- 1,418 minutes of "green" glare with low potential to cause temporary after-image.
- 40 minutes of "yellow" glare with potential to cause temporary after-image.





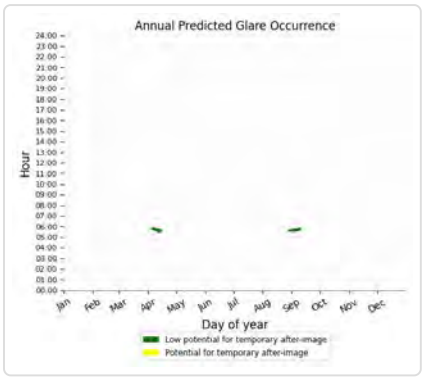


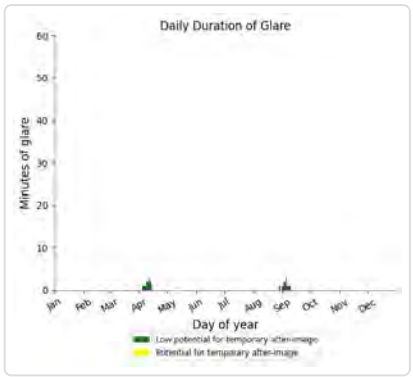


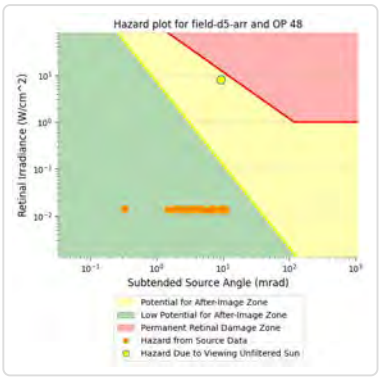
Field D5 Array: OP 48

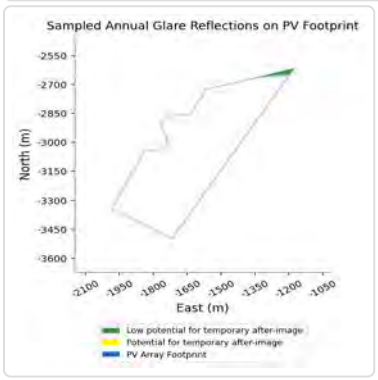
PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





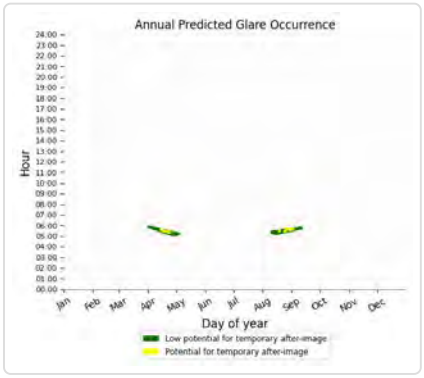


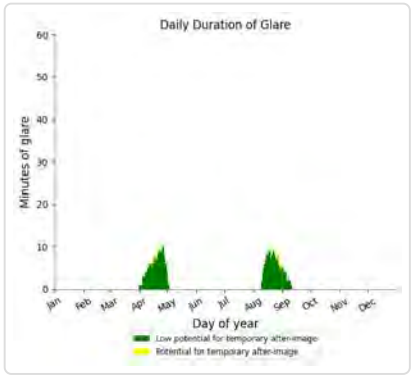


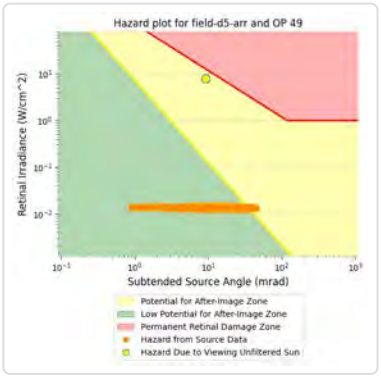
Field D5 Array: OP 49

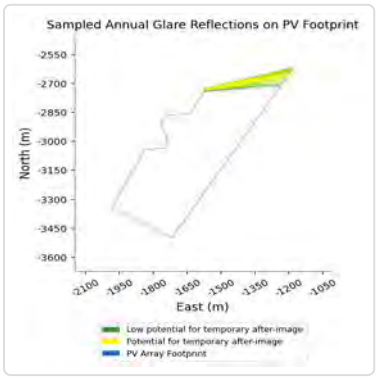
PV array is expected to produce the following glare for this receptor:

- 363 minutes of "green" glare with low potential to cause temporary after-image.
- 19 minutes of "yellow" glare with potential to cause temporary after-image.





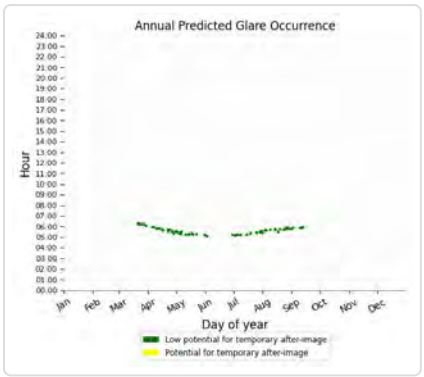


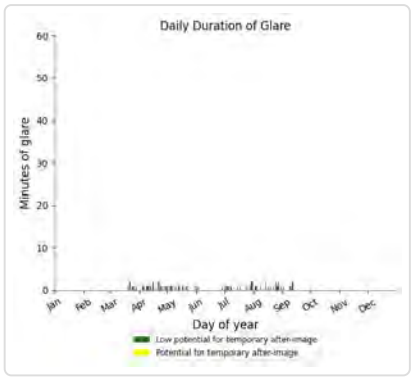


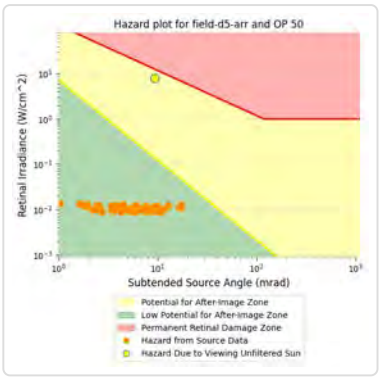
Field D5 Array: OP 50

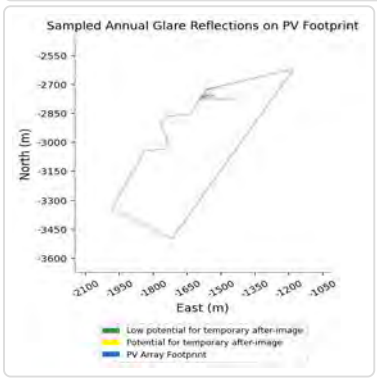
PV array is expected to produce the following glare for this receptor:

- 65 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





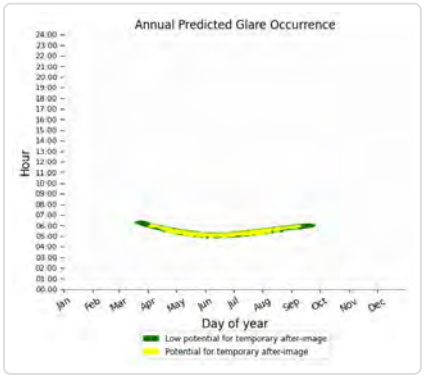


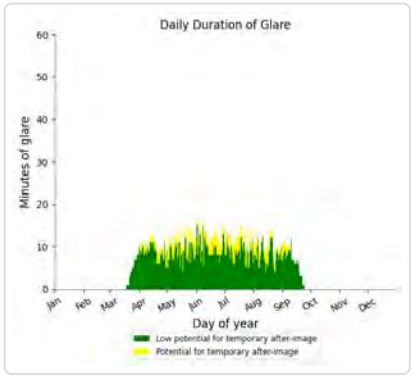


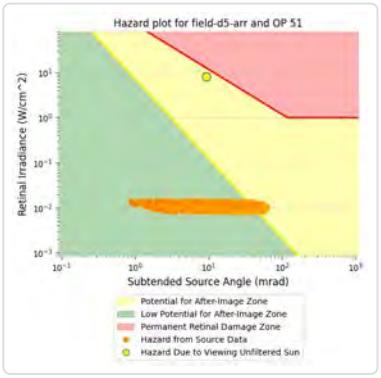
Field D5 Array: OP 51

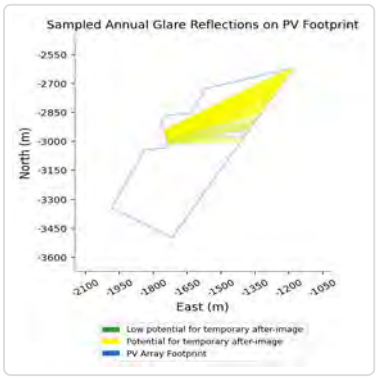
PV array is expected to produce the following glare for this receptor:

- 1,538 minutes of "green" glare with low potential to cause temporary after-image.
- 429 minutes of "yellow" glare with potential to cause temporary after-image.





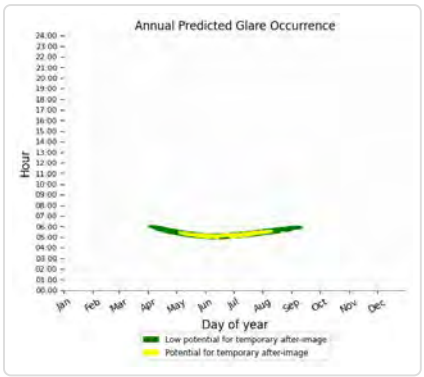


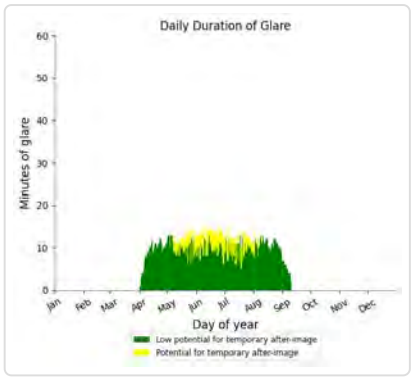


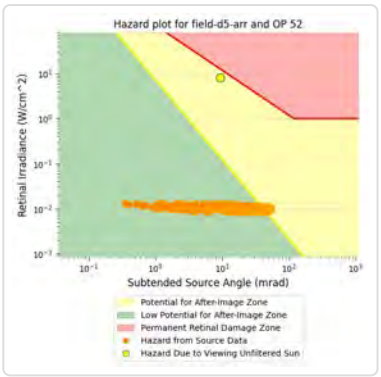
Field D5 Array: OP 52

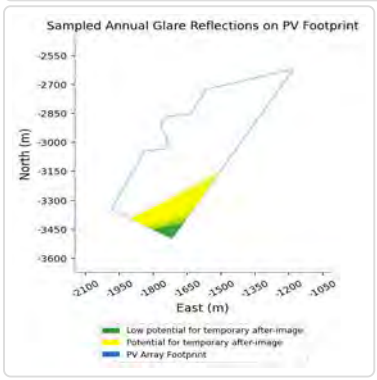
PV array is expected to produce the following glare for this receptor:

- 1,516 minutes of "green" glare with low potential to cause temporary after-image.
- 316 minutes of "yellow" glare with potential to cause temporary after-image.





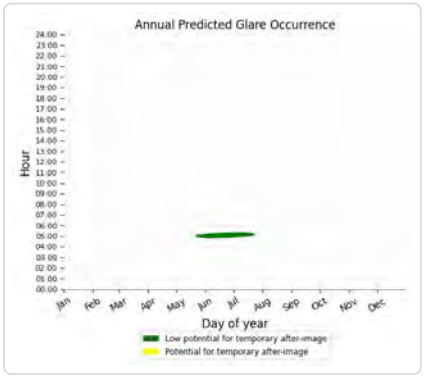


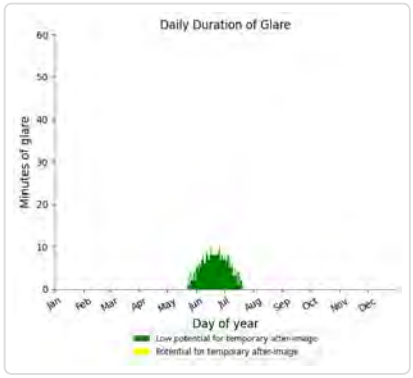


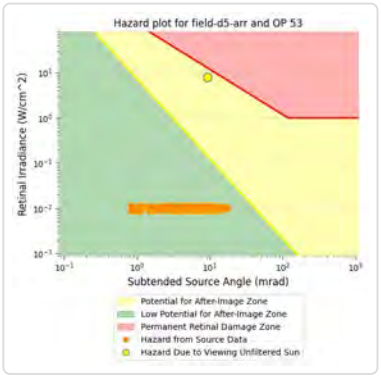
Field D5 Array: OP 53

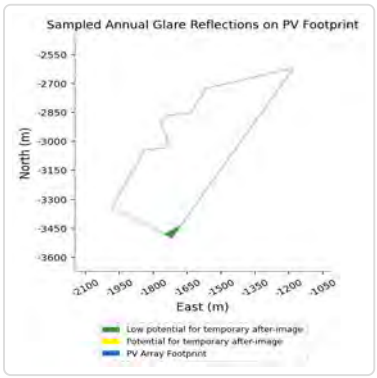
PV array is expected to produce the following glare for this receptor:

- 333 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 54

No glare found

Field D5 Array: OP 55

No glare found

Field D5 Array: OP 56

No glare found

Field D5 Array: OP 57

No glare found

Field D5 Array: OP 58

No glare found

Field D5 Array: OP 59

No glare found

Field D5 Array: OP 60

No glare found

Field D6 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	368	2
OP: OP 40	175	0
OP: OP 41	20	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	18	0
OP: OP 46	1348	160
OP: OP 47	0	0
OP: OP 48	882	1837
OP: OP 49	1684	545
OP: OP 50	1521	304
OP: OP 51	1164	1307
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0

OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D6 Array: OP 1

No glare found

Field D6 Array: OP 2

No glare found

Field D6 Array: OP 3

No glare found

Field D6 Array: OP 4

No glare found

Field D6 Array: OP 5

No glare found

Field D6 Array: OP 6

No glare found

Field D6 Array: OP 7

No glare found

Field D6 Array: OP 8

No glare found

Field D6 Array: OP 9

No glare found

Field D6 Array: OP 10

No glare found

Field D6 Array: OP 11

No glare found

Field D6 Array: OP 12

No glare found

Field D6 Array: OP 13

No glare found

Field D6 Array: OP 14

No glare found

Field D6 Array: OP 15

No glare found

Field D6 Array: OP 16

No glare found

Field D6 Array: OP 17

No glare found

Field D6 Array: OP 18

No glare found

Field D6 Array: OP 19

No glare found

Field D6 Array: OP 20

No glare found

Field D6 Array: OP 21

No glare found

Field D6 Array: OP 22

No glare found

Field D6 Array: OP 23

No glare found

Field D6 Array: OP 24

No glare found

Field D6 Array: OP 25

No glare found

Field D6 Array: OP 26

No glare found

Field D6 Array: OP 27

No glare found

Field D6 Array: OP 28

No glare found

Field D6 Array: OP 29

No glare found

Field D6 Array: OP 30

No glare found

Field D6 Array: OP 31

No glare found

Field D6 Array: OP 32

No glare found

Field D6 Array: OP 33

No glare found

Field D6 Array: OP 34

No glare found

Field D6 Array: OP 35

No glare found

Field D6 Array: OP 36

No glare found

Field D6 Array: OP 37

No glare found

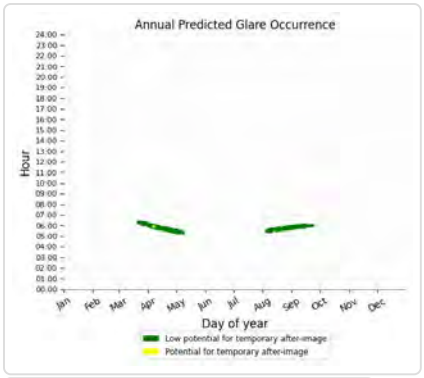
Field D6 Array: OP 38

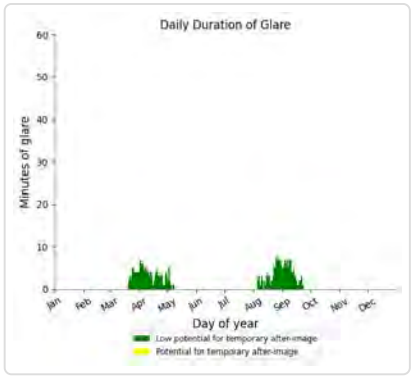
No glare found

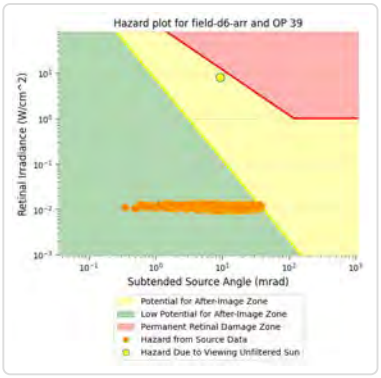
Field D6 Array: OP 39

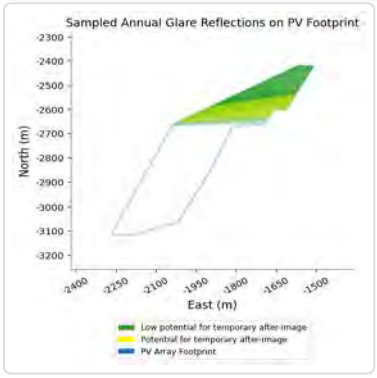
PV array is expected to produce the following glare for this receptor:

- 368 minutes of "green" glare with low potential to cause temporary after-image.
- 2 minutes of "yellow" glare with potential to cause temporary after-image.





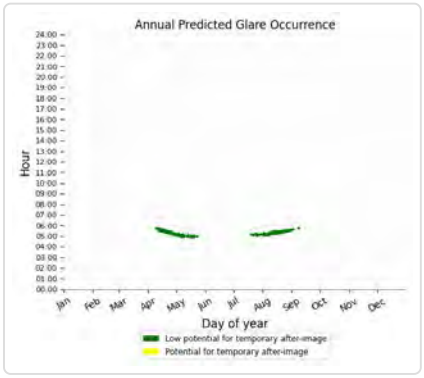


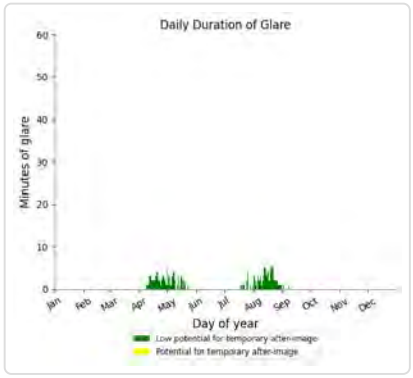


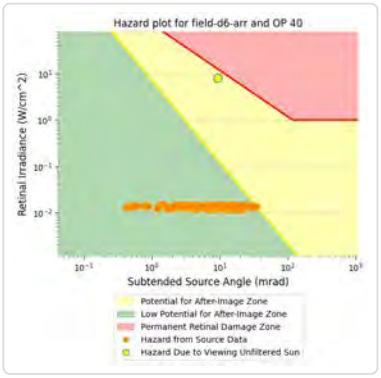
Field D6 Array: OP 40

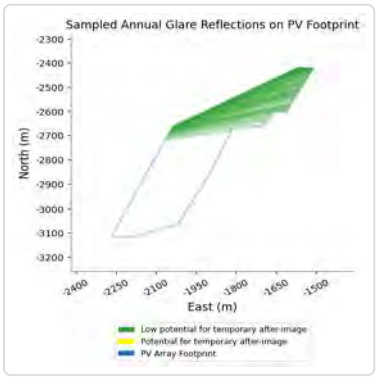
PV array is expected to produce the following glare for this receptor:

- 175 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





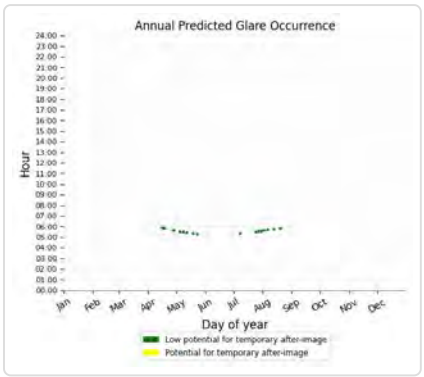




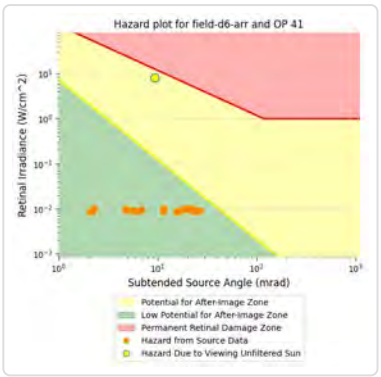
Field D6 Array: OP 41

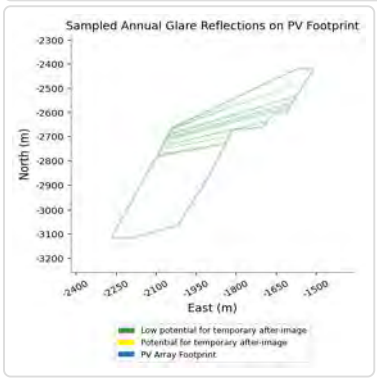
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 42

No glare found

Field D6 Array: OP 43

No glare found

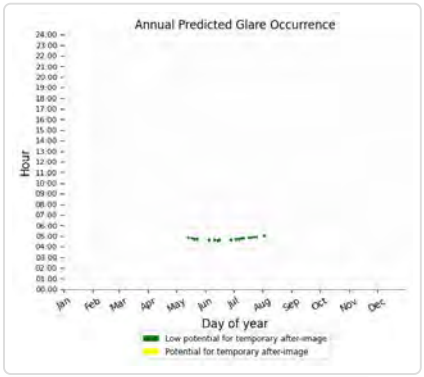
Field D6 Array: OP 44

No glare found

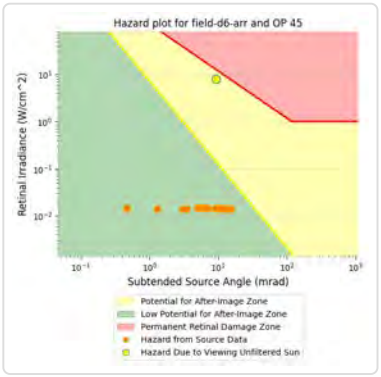
Field D6 Array: OP 45

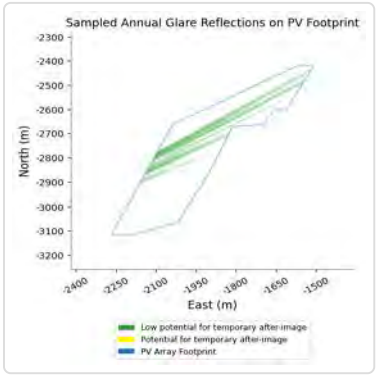
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





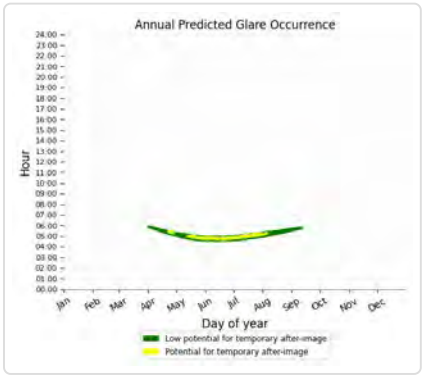


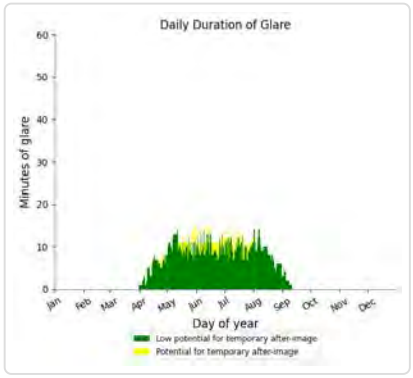


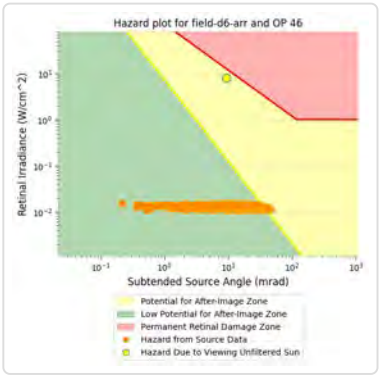
Field D6 Array: OP 46

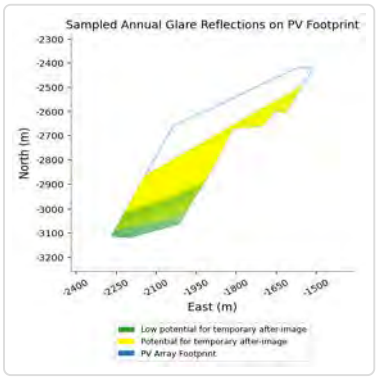
PV array is expected to produce the following glare for this receptor:

- 1,348 minutes of "green" glare with low potential to cause temporary after-image.
- 160 minutes of "yellow" glare with potential to cause temporary after-image.









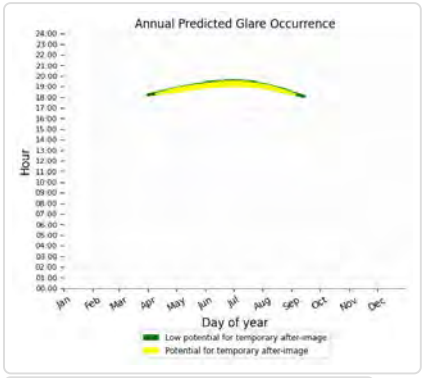
Field D6 Array: OP 47

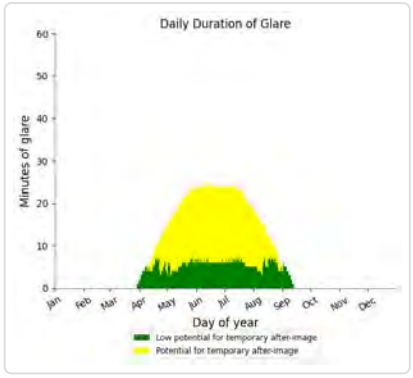
No glare found

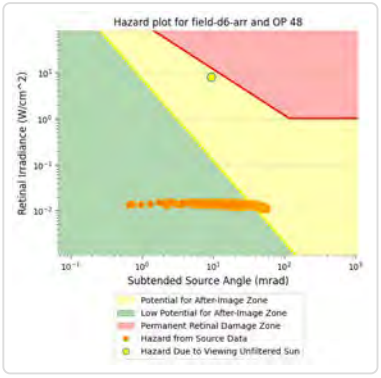
Field D6 Array: OP 48

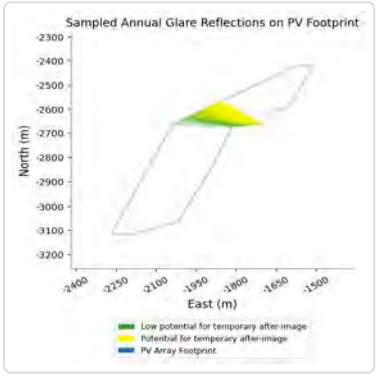
PV array is expected to produce the following glare for this receptor:

- 882 minutes of "green" glare with low potential to cause temporary after-image.
- 1,837 minutes of "yellow" glare with potential to cause temporary after-image.





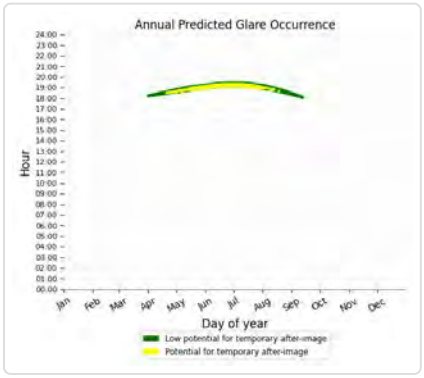


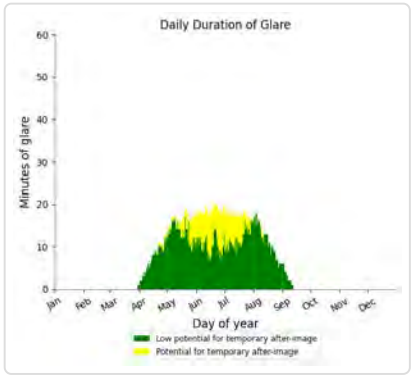


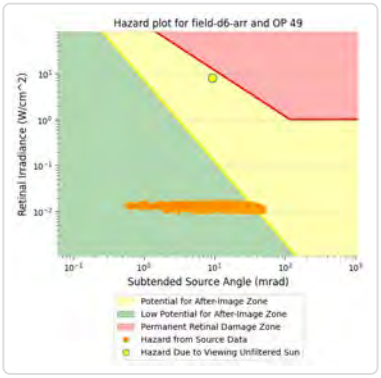
Field D6 Array: OP 49

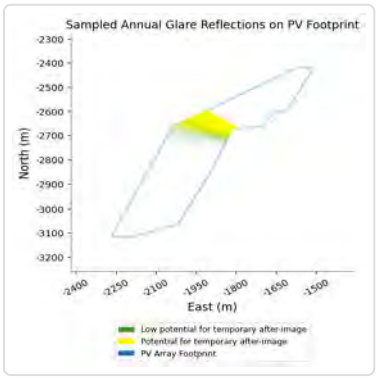
PV array is expected to produce the following glare for this receptor:

- 1,684 minutes of "green" glare with low potential to cause temporary after-image.
- 545 minutes of "yellow" glare with potential to cause temporary after-image.





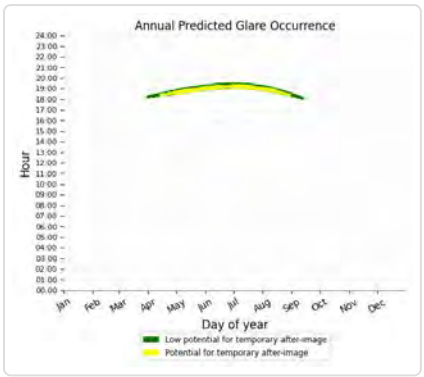


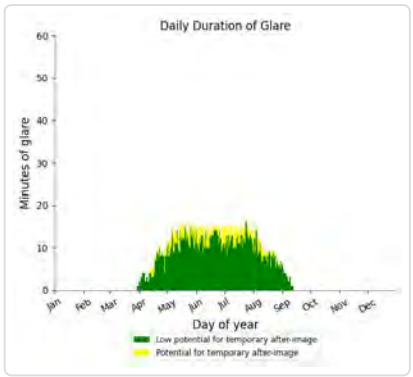


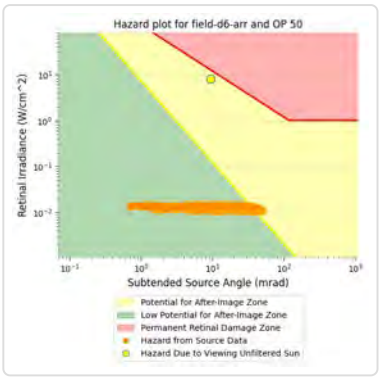
Field D6 Array: OP 50

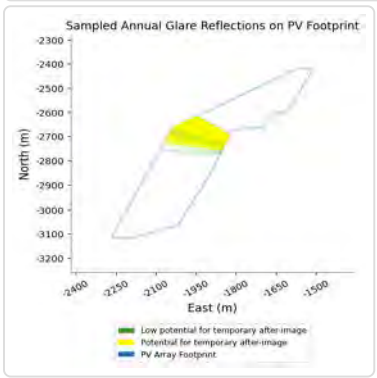
PV array is expected to produce the following glare for this receptor:

- 1,521 minutes of "green" glare with low potential to cause temporary after-image.
- 304 minutes of "yellow" glare with potential to cause temporary after-image.





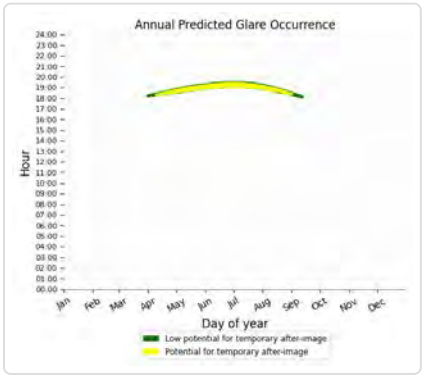


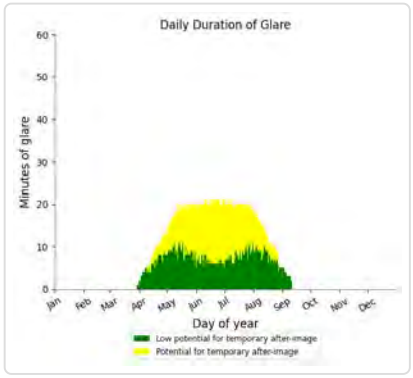


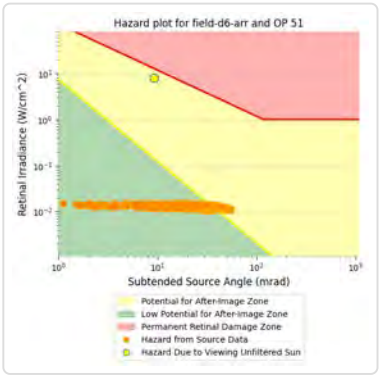
Field D6 Array: OP 51

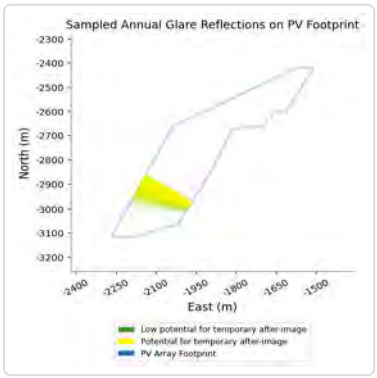
PV array is expected to produce the following glare for this receptor:

- 1,164 minutes of "green" glare with low potential to cause temporary after-image.
- 1,307 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 52

No glare found

Field D6 Array: OP 53

No glare found

Field D6 Array: OP 54

No glare found

Field D6 Array: OP 55

No glare found

Field D6 Array: OP 56

No glare found

Field D6 Array: OP 57

No glare found

Field D6 Array: OP 58

No glare found

Field D6 Array: OP 59

No glare found

Field D6 Array: OP 60

No glare found

Field D7 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	86	0
OP: OP 34	0	0
OP: OP 35	507	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	555	0
OP: OP 39	667	0
OP: OP 40	633	0
OP: OP 41	662	0
OP: OP 42	615	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	27	0
OP: OP 49	1076	190

OP: OP 50	0	0
OP: OP 51	190	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D7 Array: OP 1

No glare found

Field D7 Array: OP 2

No glare found

Field D7 Array: OP 3

No glare found

Field D7 Array: OP 4

No glare found

Field D7 Array: OP 5

No glare found

Field D7 Array: OP 6

No glare found

Field D7 Array: OP 7

No glare found

Field D7 Array: OP 8

No glare found

Field D7 Array: OP 9

No glare found

Field D7 Array: OP 10

No glare found

Field D7 Array: OP 11

No glare found

Field D7 Array: OP 12

No glare found

Field D7 Array: OP 13

No glare found

Field D7 Array: OP 14

No glare found

Field D7 Array: OP 15

No glare found

Field D7 Array: OP 16

No glare found

Field D7 Array: OP 17

No glare found

Field D7 Array: OP 18

No glare found

Field D7 Array: OP 19

No glare found

Field D7 Array: OP 20

No glare found

Field D7 Array: OP 21

No glare found

Field D7 Array: OP 22

No glare found

Field D7 Array: OP 23

No glare found

Field D7 Array: OP 24

No glare found

Field D7 Array: OP 25

No glare found

Field D7 Array: OP 26

No glare found

Field D7 Array: OP 27

No glare found

Field D7 Array: OP 28

No glare found

Field D7 Array: OP 29

No glare found

Field D7 Array: OP 30

No glare found

Field D7 Array: OP 31

No glare found

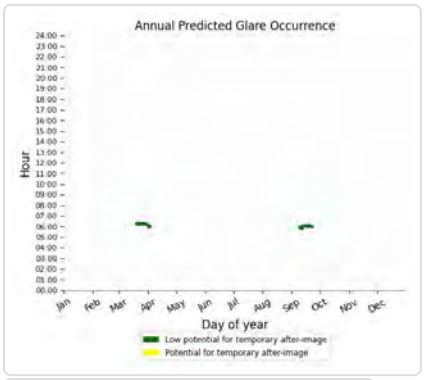
Field D7 Array: OP 32

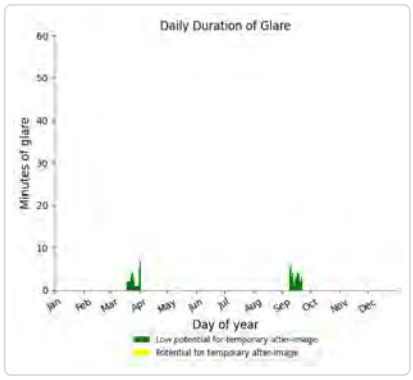
No glare found

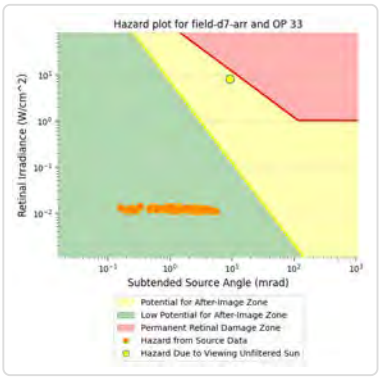
Field D7 Array: OP 33

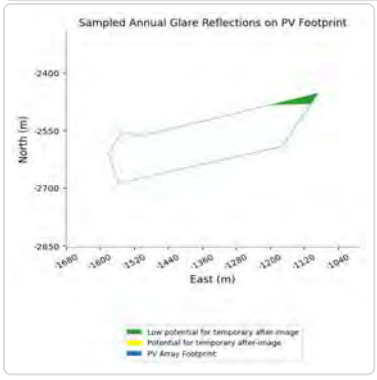
PV array is expected to produce the following glare for this receptor:

- 86 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









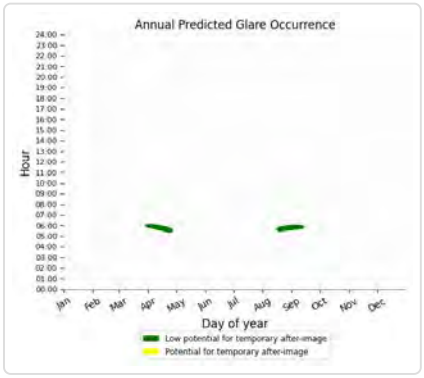
Field D7 Array: OP 34

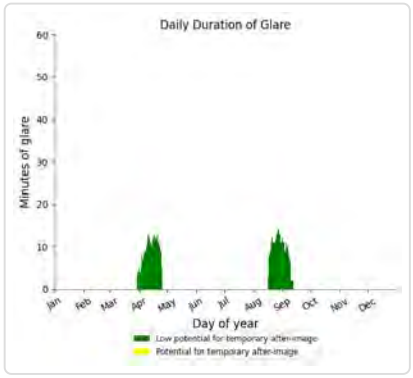
No glare found

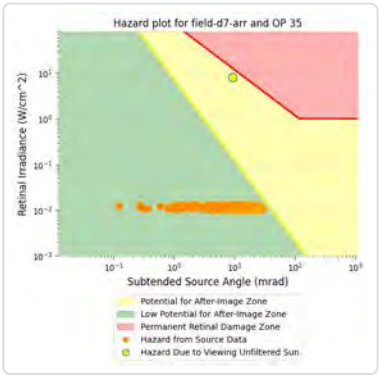
Field D7 Array: OP 35

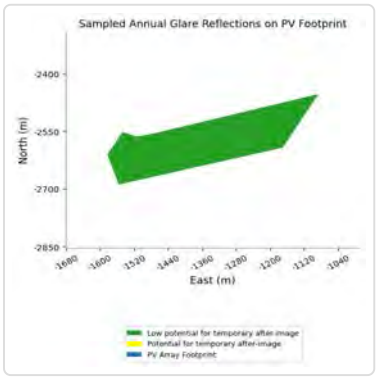
PV array is expected to produce the following glare for this receptor:

- 507 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 36

No glare found

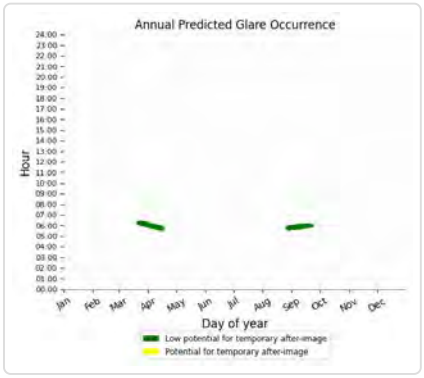
Field D7 Array: OP 37

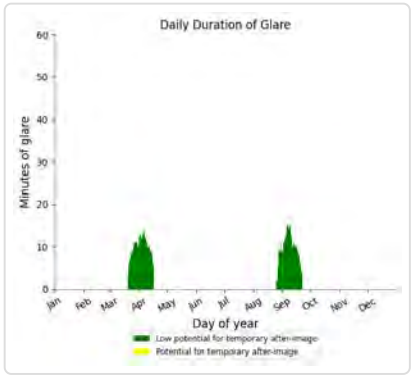
No glare found

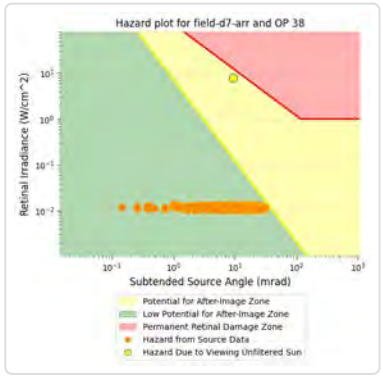
Field D7 Array: OP 38

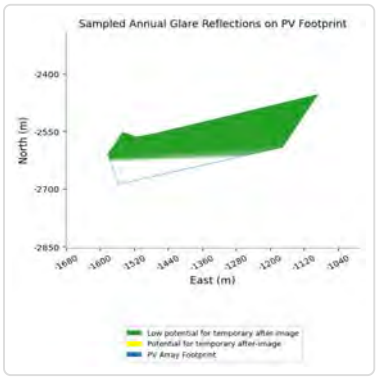
PV array is expected to produce the following glare for this receptor:

- 555 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





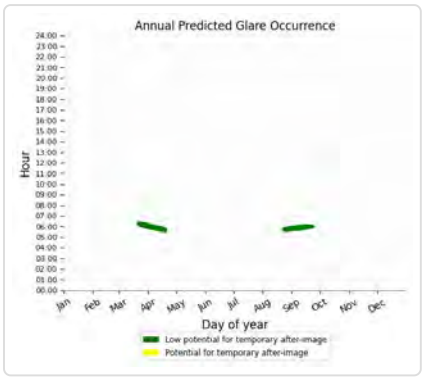


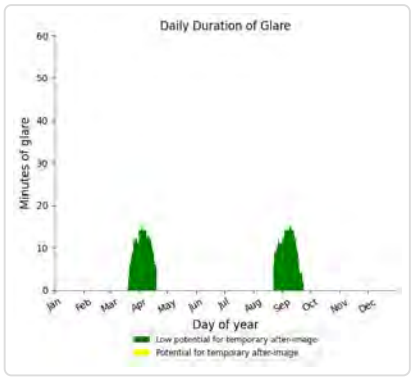


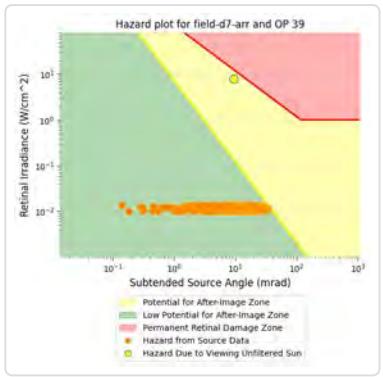
Field D7 Array: OP 39

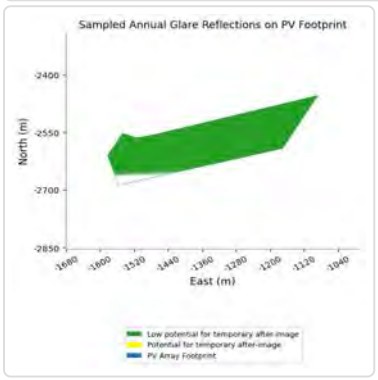
PV array is expected to produce the following glare for this receptor:

- 667 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





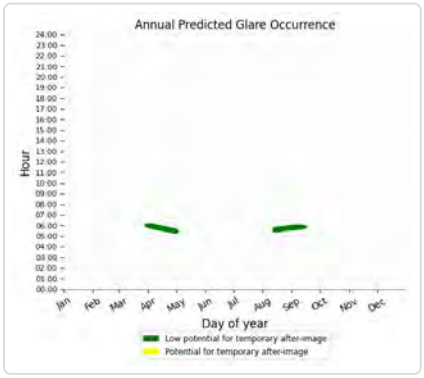


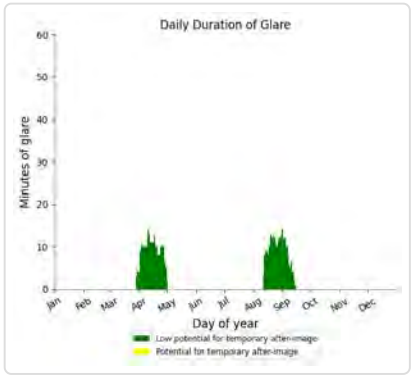


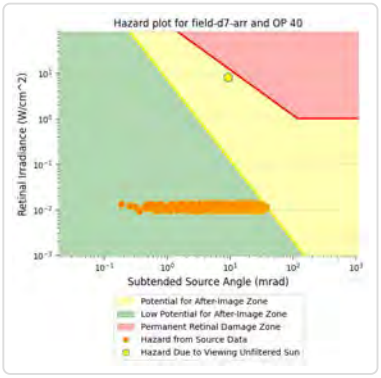
Field D7 Array: OP 40

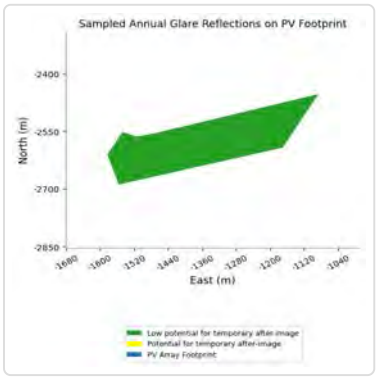
PV array is expected to produce the following glare for this receptor:

- 633 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





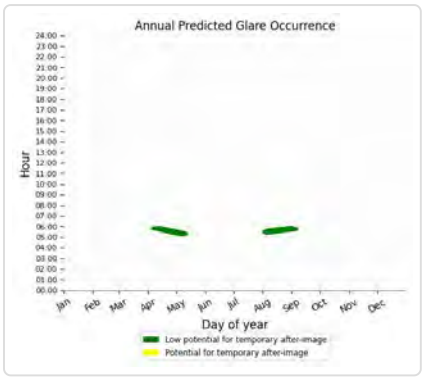


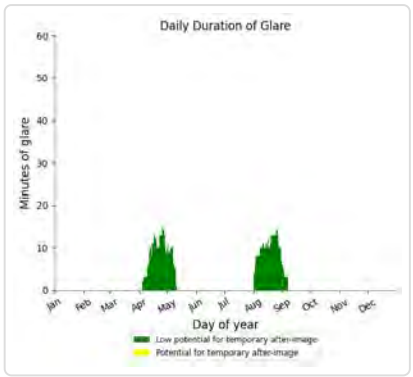


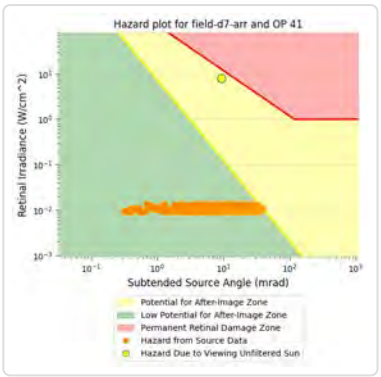
Field D7 Array: OP 41

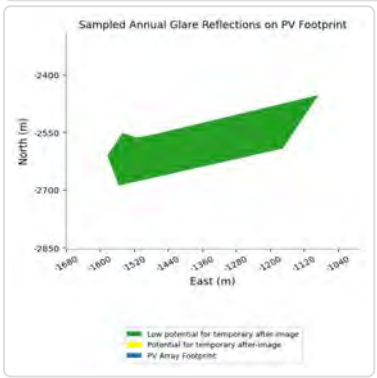
PV array is expected to produce the following glare for this receptor:

- 662 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





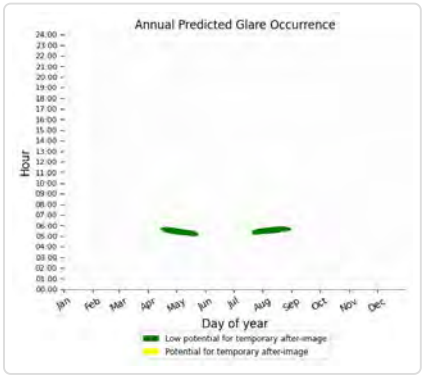


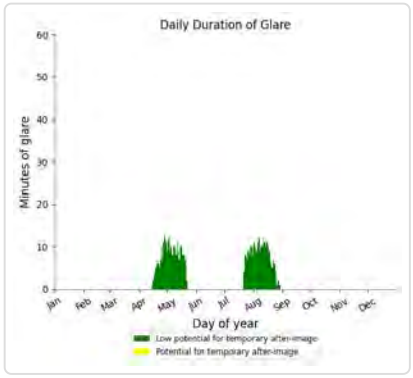


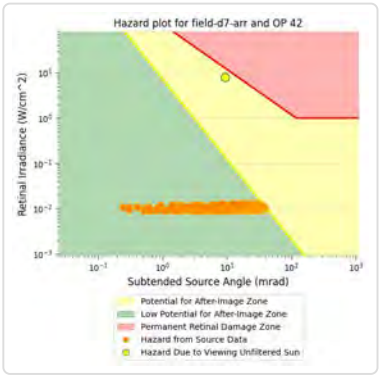
Field D7 Array: OP 42

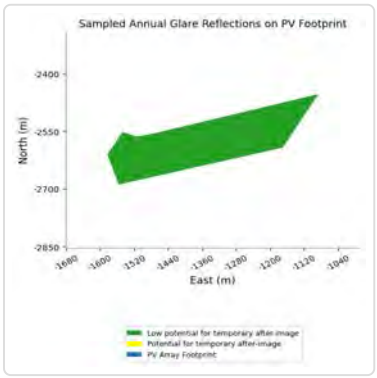
PV array is expected to produce the following glare for this receptor:

- 615 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 43

No glare found

Field D7 Array: OP 44

No glare found

Field D7 Array: OP 45

No glare found

Field D7 Array: OP 46

No glare found

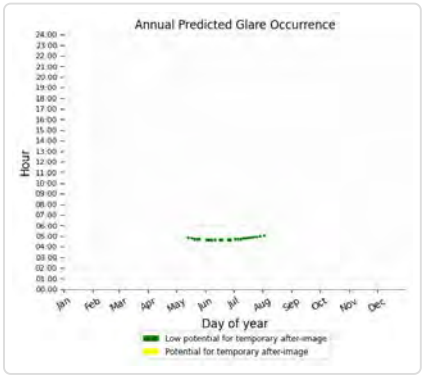
Field D7 Array: OP 47

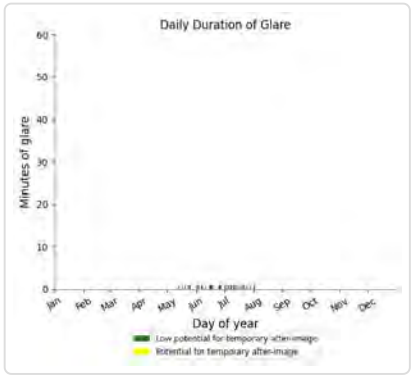
No glare found

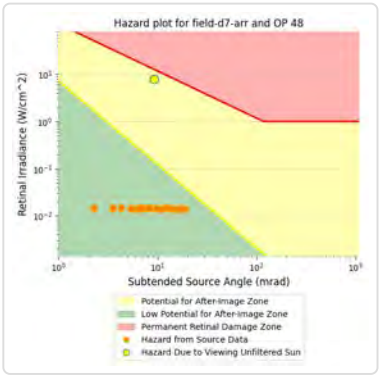
Field D7 Array: OP 48

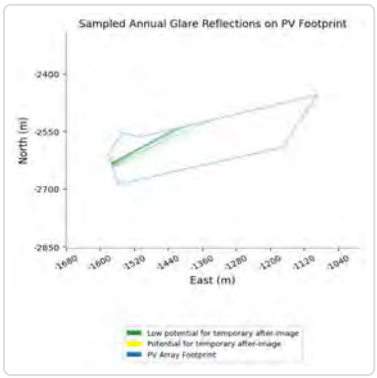
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





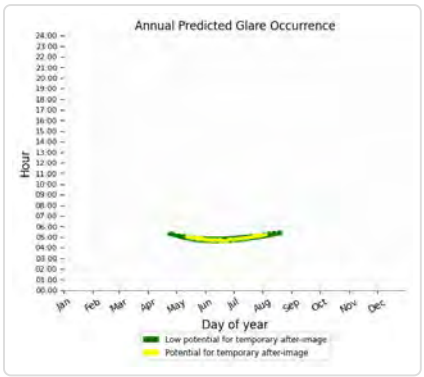


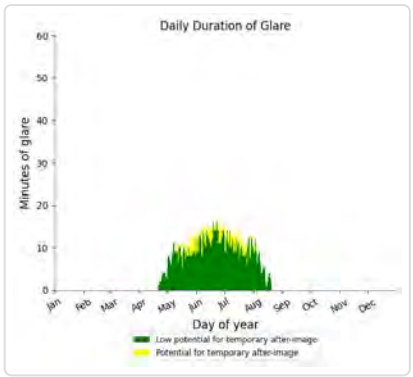


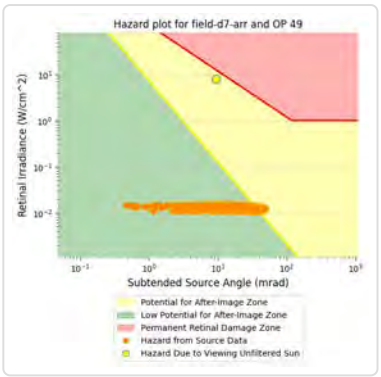
Field D7 Array: OP 49

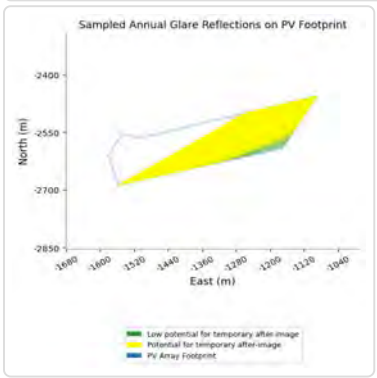
PV array is expected to produce the following glare for this receptor:

- 1,076 minutes of "green" glare with low potential to cause temporary after-image.
- 190 minutes of "yellow" glare with potential to cause temporary after-image.









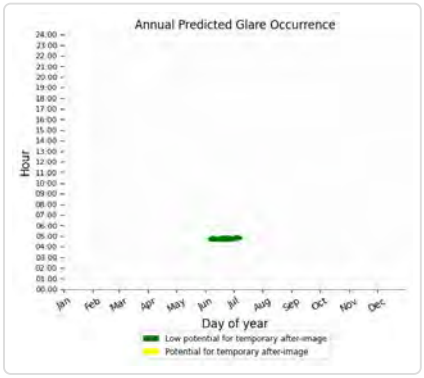
Field D7 Array: OP 50

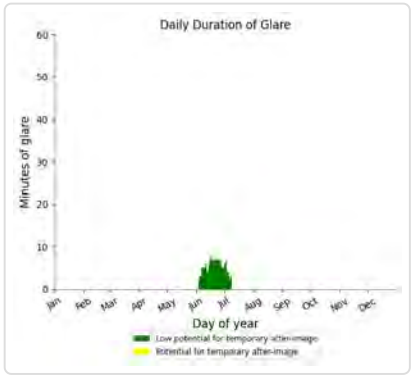
No glare found

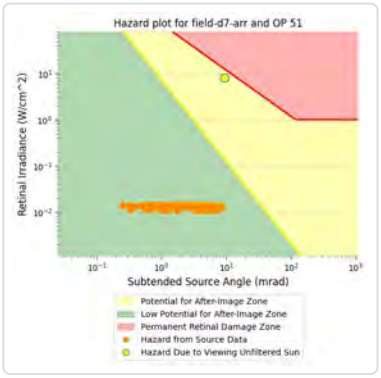
Field D7 Array: OP 51

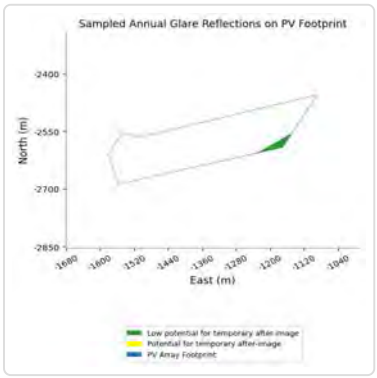
PV array is expected to produce the following glare for this receptor:

- 190 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 52

No glare found

Field D7 Array: OP 53

No glare found

Field D7 Array: OP 54

No glare found

Field D7 Array: OP 55

No glare found

Field D7 Array: OP 56

No glare found

Field D7 Array: OP 57

No glare found

Field D7 Array: OP 58

No glare found

Field D7 Array: OP 59

No glare found

Field D7 Array: OP 60

No glare found

Field D8 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	28	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	505	0
OP: OP 49	0	0

OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D8 Array: OP 1

No glare found

Field D8 Array: OP 2

No glare found

Field D8 Array: OP 3

No glare found

Field D8 Array: OP 4

No glare found

Field D8 Array: OP 5

No glare found

Field D8 Array: OP 6

No glare found

Field D8 Array: OP 7

No glare found

Field D8 Array: OP 8

No glare found

Field D8 Array: OP 9

No glare found

Field D8 Array: OP 10

No glare found

Field D8 Array: OP 11

No glare found

Field D8 Array: OP 12

No glare found

Field D8 Array: OP 13

No glare found

Field D8 Array: OP 14

No glare found

Field D8 Array: OP 15

No glare found

Field D8 Array: OP 16

No glare found

Field D8 Array: OP 17

No glare found

Field D8 Array: OP 18

No glare found

Field D8 Array: OP 19

No glare found

Field D8 Array: OP 20

No glare found

Field D8 Array: OP 21

No glare found

Field D8 Array: OP 22

No glare found

Field D8 Array: OP 23

No glare found

Field D8 Array: OP 24

No glare found

Field D8 Array: OP 25

No glare found

Field D8 Array: OP 26

No glare found

Field D8 Array: OP 27

No glare found

Field D8 Array: OP 28

No glare found

Field D8 Array: OP 29

No glare found

Field D8 Array: OP 30

No glare found

Field D8 Array: OP 31

No glare found

Field D8 Array: OP 32

No glare found

Field D8 Array: OP 33

No glare found

Field D8 Array: OP 34

No glare found

Field D8 Array: OP 35

No glare found

Field D8 Array: OP 36

No glare found

Field D8 Array: OP 37

No glare found

Field D8 Array: OP 38

No glare found

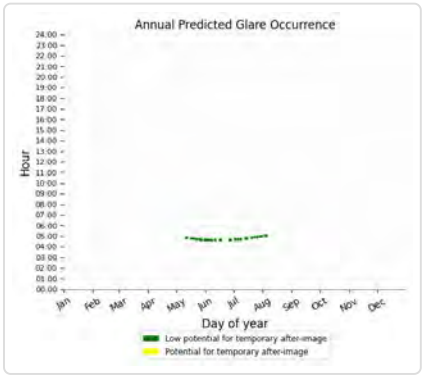
Field D8 Array: OP 39

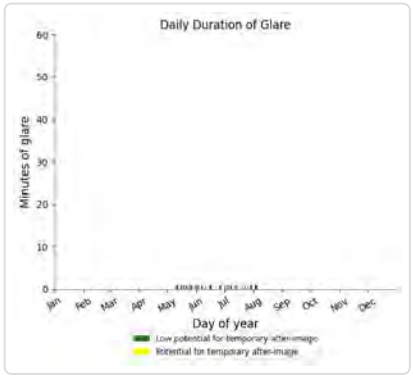
No glare found

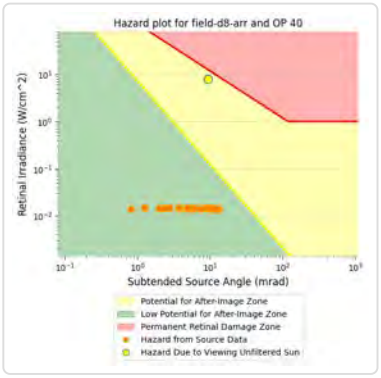
Field D8 Array: OP 40

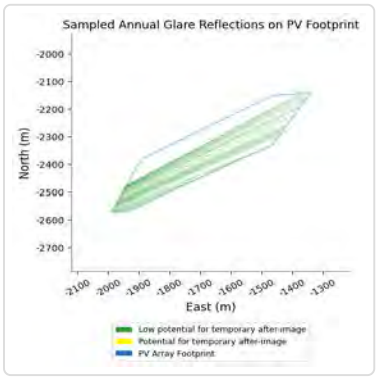
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 41

No glare found

Field D8 Array: OP 42

No glare found

Field D8 Array: OP 43

No glare found

Field D8 Array: OP 44

No glare found

Field D8 Array: OP 45

No glare found

Field D8 Array: OP 46

No glare found

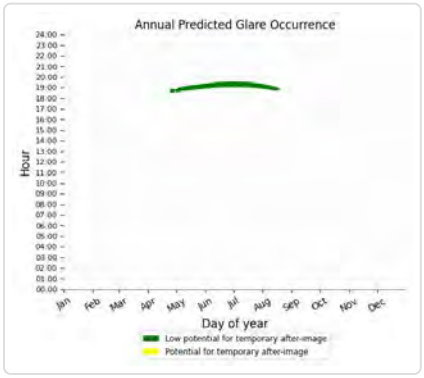
Field D8 Array: OP 47

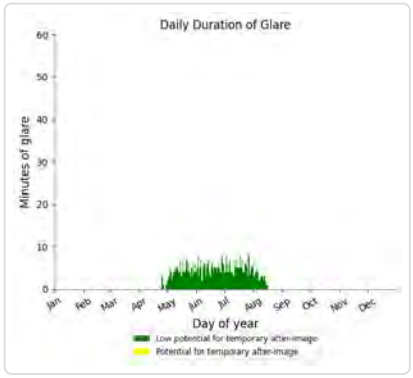
No glare found

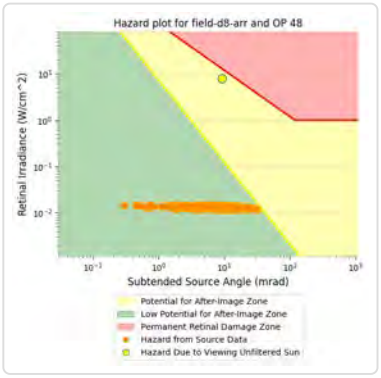
Field D8 Array: OP 48

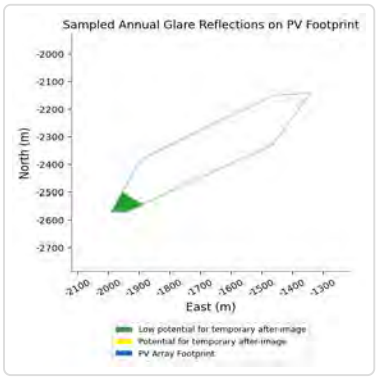
PV array is expected to produce the following glare for this receptor:

- 505 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 49

No glare found

Field D8 Array: OP 50

No glare found

Field D8 Array: OP 51

No glare found

Field D8 Array: OP 52

No glare found

Field D8 Array: OP 53

No glare found

Field D8 Array: OP 54

No glare found

Field D8 Array: OP 55

No glare found

Field D8 Array: OP 56

No glare found

Field D8 Array: OP 57

No glare found

Field D8 Array: OP 58

No glare found

Field D8 Array: OP 59

No glare found

Field D8 Array: OP 60

No glare found

Field D9 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	113	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	36	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D9 Array: OP 1

No glare found

Field D9 Array: OP 2

No glare found

Field D9 Array: OP 3

No glare found

Field D9 Array: OP 4

No glare found

Field D9 Array: OP 5

No glare found

Field D9 Array: OP 6

No glare found

Field D9 Array: OP 7

No glare found

Field D9 Array: OP 8

No glare found

Field D9 Array: OP 9

No glare found

Field D9 Array: OP 10

No glare found

Field D9 Array: OP 11

No glare found

Field D9 Array: OP 12

No glare found

Field D9 Array: OP 13

No glare found

Field D9 Array: OP 14

No glare found

Field D9 Array: OP 15

No glare found

Field D9 Array: OP 16

No glare found

Field D9 Array: OP 17

No glare found

Field D9 Array: OP 18

No glare found

Field D9 Array: OP 19

No glare found

Field D9 Array: OP 20

No glare found

Field D9 Array: OP 21

No glare found

Field D9 Array: OP 22

No glare found

Field D9 Array: OP 23

No glare found

Field D9 Array: OP 24

No glare found

Field D9 Array: OP 25

No glare found

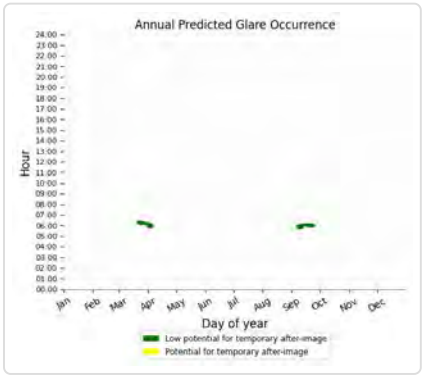
Field D9 Array: OP 26

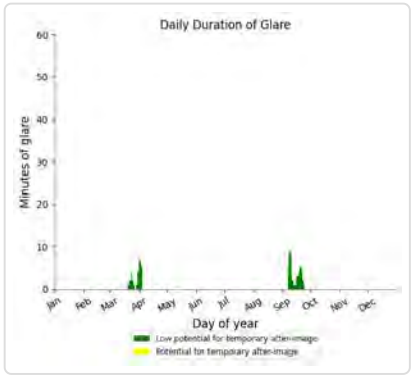
No glare found

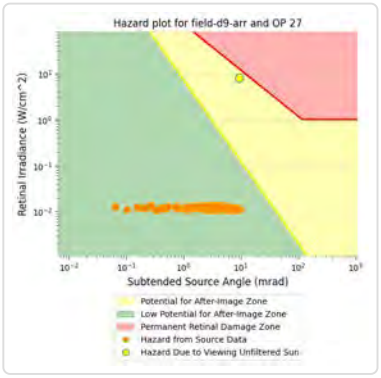
Field D9 Array: OP 27

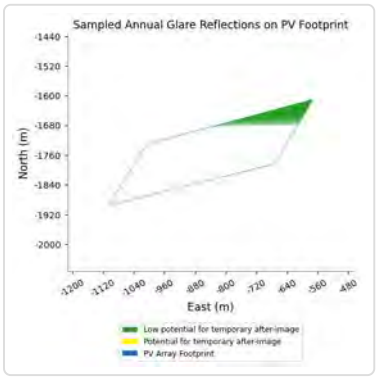
PV array is expected to produce the following glare for this receptor:

- 113 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 28

No glare found

Field D9 Array: OP 29

No glare found

Field D9 Array: OP 30

No glare found

Field D9 Array: OP 31

No glare found

Field D9 Array: OP 32

No glare found

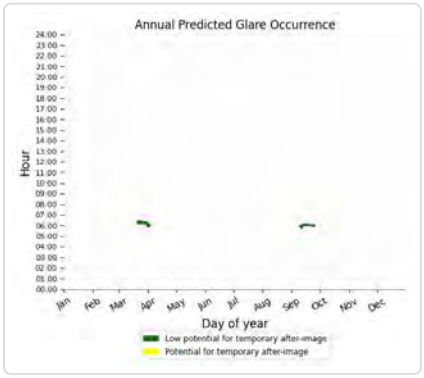
Field D9 Array: OP 33

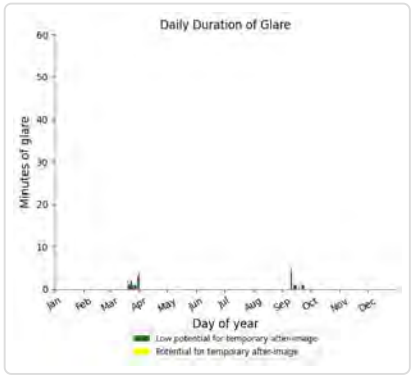
No glare found

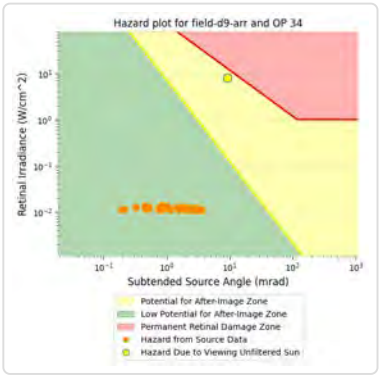
Field D9 Array: OP 34

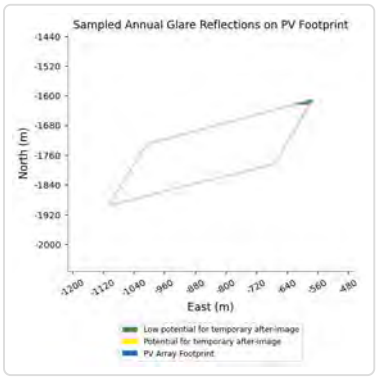
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 35

No glare found

Field D9 Array: OP 36

No glare found

Field D9 Array: OP 37

No glare found

Field D9 Array: OP 38

No glare found

Field D9 Array: OP 39

No glare found

Field D9 Array: OP 40

No glare found

Field D9 Array: OP 41

No glare found

Field D9 Array: OP 42

No glare found

Field D9 Array: OP 43

No glare found

Field D9 Array: OP 44

No glare found

Field D9 Array: OP 45

No glare found

Field D9 Array: OP 46

No glare found

Field D9 Array: OP 47

No glare found

Field D9 Array: OP 48

No glare found

Field D9 Array: OP 49

No glare found

Field D9 Array: OP 50

No glare found

Field D9 Array: OP 51

No glare found

Field D9 Array: OP 52

No glare found

Field D9 Array: OP 53

No glare found

Field D9 Array: OP 54

No glare found

Field D9 Array: OP 55

No glare found

Field D9 Array: OP 56

No glare found

Field D9 Array: OP 57

No glare found

Field D9 Array: OP 58

No glare found

Field D9 Array: OP 59

No glare found

Field D9 Array: OP 60

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Annex C: Residential Receptor Glare Results East Group B 10 Degrees

Meridian Solar Farm East

Meridian East Residential Group B 10 Degrees

Created Jun 25, 2025
Updated Aug 22, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 153016.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	10.0	180.0	0	0	-
Field D1A-B Array	10.0	180.0	0	0	-
Field D1C Array	10.0	180.0	0	0	-
Field D2 Array	10.0	180.0	0	0	-
Field D3 Array	10.0	180.0	1,702	12	-
Field D5 Array	10.0	180.0	65,915	23,723	-
Field D6 Array	10.0	180.0	30,728	0	-
Field D7 Array	10.0	180.0	8,749	20	-
Field D8 Array	10.0	180.0	2,414	0	-
Field D9 Array	10.0	180.0	692	0	-

Component Data

PV Array(s)

Total PV footprint area: 2,377,104 m^2

Name: Field D10 Array
Footprint area: 136,922 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726260	0.005110	1.64	4.30	5.94
2	52.726280	0.006190	1.44	4.30	5.74
3	52.727290	0.012200	0.92	4.30	5.22
4	52.729990	0.014980	1.57	4.30	5.87
5	52.729970	0.013600	1.82	4.30	6.12
6	52.729290	0.008210	1.63	4.30	5.93

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,701 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734150	0.018170	1.76	4.30	6.06
7	52.734140	0.016690	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 417,808 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721760	0.006720	2.04	4.30	6.34
5	52.721760	0.005890	1.47	4.30	5.77
6	52.722100	0.005820	1.64	4.30	5.94
7	52.722300	0.007260	2.17	4.30	6.47
8	52.723460	0.008450	2.13	4.30	6.43
9	52.723520	0.007330	1.58	4.30	5.88
10	52.723970	0.007610	1.68	4.30	5.98
11	52.724640	0.009600	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724970	0.003600	1.82	4.30	6.12
18	52.724490	0.004010	1.22	4.30	5.52
19	52.722900	0.002300	1.46	4.30	5.76
20	52.722760	0.001580	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 839,830 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708690	-0.019660	1.33	4.30	5.63
2	52.708320	-0.017290	1.31	4.30	5.61
3	52.707810	-0.017190	0.84	4.30	5.14
4	52.707810	-0.016140	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.21
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004800	1.86	4.30	6.17
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.89	4.30	6.18
17	52.720130	-0.003470	2.02	4.30	6.31
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.48	4.30	5.78
20	52.722490	0.000690	1.20	4.30	5.50
21	52.722440	-0.000180	1.29	4.30	5.59
22	52.722960	-0.000420	1.30	4.30	5.60
23	52.723330	0.001430	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 268,446 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702730	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700070	-0.021060	1.99	4.30	6.29
8	52.699610	-0.020660	2.06	4.30	6.36
9	52.698980	-0.020530	2.35	4.30	6.64
10	52.698900	-0.022040	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,077 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700890	-0.022750	2.61	4.30	6.91
2	52.702250	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698740	-0.024700	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,242 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702110	-0.017910	2.45	4.30	6.75
2	52.702800	-0.018300	1.02	4.30	5.32
3	52.703320	-0.017780	0.77	4.30	5.07
4	52.703210	-0.017260	0.95	4.30	5.25
5	52.703300	-0.016590	1.08	4.30	5.38
6	52.704210	-0.010990	2.29	4.30	6.58
7	52.702970	-0.012210	2.23	4.30	6.54

Name: Field D8 Array
Footprint area: 93,322 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

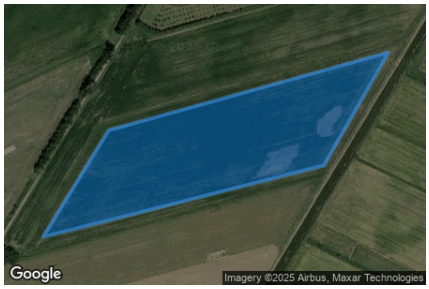
Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703150	-0.024330	1.81	4.30	6.11
2	52.703160	-0.023580	1.61	4.30	5.91
3	52.705330	-0.016540	2.05	4.30	6.35
4	52.707010	-0.014740	1.57	4.30	5.87
5	52.706940	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60

Name: Field D9 Array
Footprint area: 61,899 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709230	-0.011260	1.62	4.30	5.92
2	52.710710	-0.009760	1.07	4.30	5.38
3	52.711790	-0.003360	1.62	4.30	5.92
4	52.710220	-0.004840	1.86	4.30	6.16

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	52.704832	0.001403	4.61	2.00	6.61
OP 2	52.704819	-0.002878	3.66	2.00	5.66
OP 3	52.704812	-0.003768	3.62	2.00	5.62
OP 4	52.704448	-0.004090	4.73	2.00	6.73
OP 5	52.703278	-0.004927	4.17	2.00	6.17
OP 6	52.702485	-0.004938	4.40	2.00	6.40
OP 7	52.701666	-0.006279	3.87	2.00	5.87
OP 8	52.699473	-0.007307	2.94	2.00	4.94
OP 9	52.698237	-0.002678	1.92	2.00	3.92
OP 10	52.698093	-0.012323	3.30	2.00	5.30
OP 11	52.697195	-0.013289	3.03	2.00	5.03
OP 12	52.696870	-0.013578	3.83	2.00	5.83
OP 13	52.697813	-0.008568	4.05	2.00	6.05
OP 14	52.697325	-0.009909	4.44	2.00	6.44
OP 15	52.696945	-0.009255	4.85	2.00	6.85
OP 16	52.696753	-0.010210	4.59	2.00	6.59
OP 17	52.696002	-0.010826	3.58	2.00	5.58
OP 18	52.696487	-0.004915	4.57	2.00	6.57
OP 19	52.695023	-0.015412	3.32	2.00	5.32
OP 20	52.694929	-0.016121	3.73	2.00	5.73
OP 21	52.694861	-0.015590	4.60	2.00	6.60
OP 22	52.694012	-0.015547	2.80	2.00	4.80
OP 23	52.693459	-0.012913	3.28	2.00	5.28
OP 24	52.696573	-0.034999	3.29	2.00	5.29
OP 25	52.696576	-0.035873	4.50	2.00	6.50
OP 26	52.696008	-0.036346	4.63	2.00	6.63
OP 27	52.695897	-0.035595	4.31	2.00	6.31
OP 28	52.695383	-0.036024	4.10	2.00	6.10
OP 29	52.694483	-0.037815	5.68	2.00	7.68
OP 30	52.693550	-0.038427	4.19	2.00	6.19
OP 31	52.692701	-0.040004	4.34	2.00	6.34
OP 32	52.694437	-0.036984	3.85	2.00	5.85
OP 33	52.693413	-0.036362	3.95	2.00	5.95
OP 34	52.692893	-0.035868	4.86	2.00	6.86
OP 35	52.692018	-0.036651	4.32	2.00	6.32
OP 36	52.692418	-0.037488	4.28	2.00	6.28
OP 37	52.693751	-0.033508	4.56	2.00	6.56
OP 38	52.693231	-0.034082	5.13	2.00	7.13
OP 39	52.692643	-0.035117	3.68	2.00	5.68
OP 40	52.691833	-0.034516	4.81	2.00	6.81
OP 41	52.690685	-0.033808	4.66	2.00	6.66
OP 42	52.689294	-0.032934	5.12	2.00	7.12
OP 43	52.691761	-0.028020	3.71	2.00	5.71
OP 44	52.691654	-0.029034	3.78	2.00	5.78
OP 45	52.690890	-0.029683	4.17	2.00	6.17
OP 46	52.689798	-0.029924	4.56	2.00	6.56
OP 47	52.692688	-0.013704	3.41	2.00	5.41
OP 48	52.691752	-0.013650	3.30	2.00	5.30
OP 49	52.690998	-0.014300	3.61	2.00	5.61
OP 50	52.691063	-0.015308	2.61	2.00	4.61
OP 51	52.690312	-0.014895	3.78	2.00	5.78
OP 52	52.688074	-0.010937	3.80	2.00	5.80

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	10.0	180.0	0	0	-	-
Field D1A-B Array	10.0	180.0	0	0	-	-
Field D1C Array	10.0	180.0	0	0	-	-
Field D2 Array	10.0	180.0	0	0	-	-
Field D3 Array	10.0	180.0	1,702	12	-	-
Field D5 Array	10.0	180.0	65,915	23,723	-	-
Field D6 Array	10.0	180.0	30,728	0	-	-
Field D7 Array	10.0	180.0	8,749	20	-	-
Field D8 Array	10.0	180.0	2,414	0	-	-
Field D9 Array	10.0	180.0	692	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d3-arr (green)	0	0	0	50	311	420	372	149	0	0	0	0
field-d3-arr (yellow)	0	0	0	0	2	6	1	0	0	0	0	0
field-d5-arr (green)	0	0	187	801	948	885	891	963	439	0	0	0
field-d5-arr (yellow)	0	0	0	6	99	120	139	8	0	0	0	0
field-d6-arr (green)	0	0	2	246	588	737	662	407	48	0	0	0
field-d6-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d7-arr (green)	0	0	6	275	604	650	649	427	48	0	0	0
field-d7-arr (yellow)	0	0	0	0	5	0	0	1	0	0	0	0
field-d8-arr (green)	0	0	0	25	408	496	480	161	0	0	0	0
field-d8-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d9-arr (green)	0	0	0	0	33	457	202	0	0	0	0	0
field-d9-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

No glare found

Field D1A-B Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

No glare found

Field D1C Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

No glare found

Field D2 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

No glare found

Field D3 Array potential temporary after-image

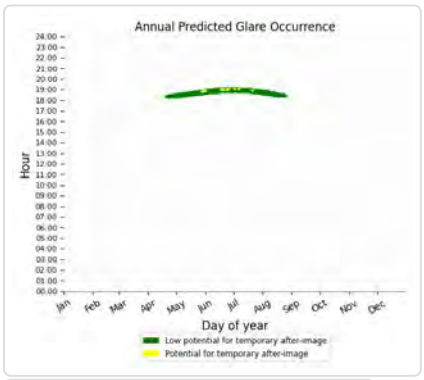
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1010	12
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	692	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0

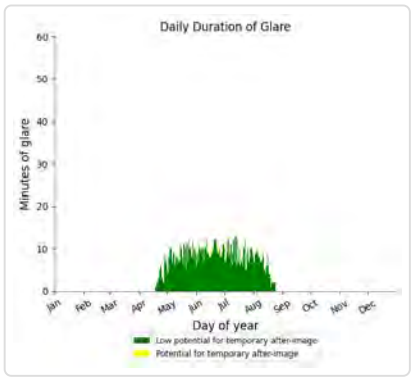
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

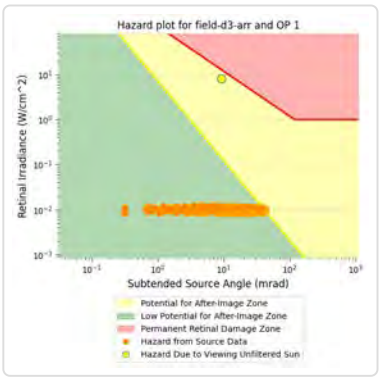
Field D3 Array: OP 1

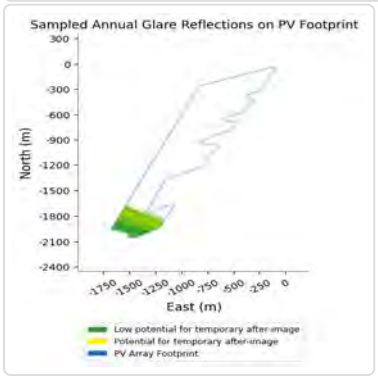
PV array is expected to produce the following glare for this receptor:

- 1,010 minutes of "green" glare with low potential to cause temporary after-image.
- 12 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 2

No glare found

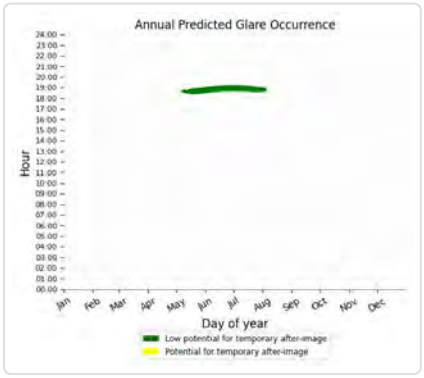
Field D3 Array: OP 3

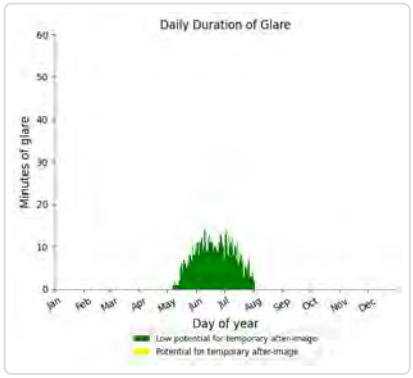
No glare found

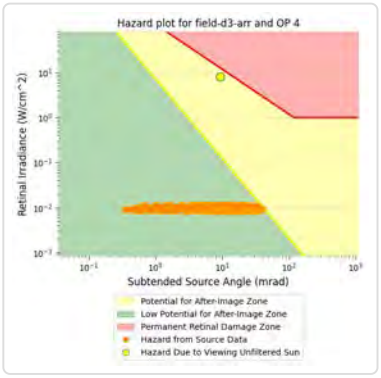
Field D3 Array: OP 4

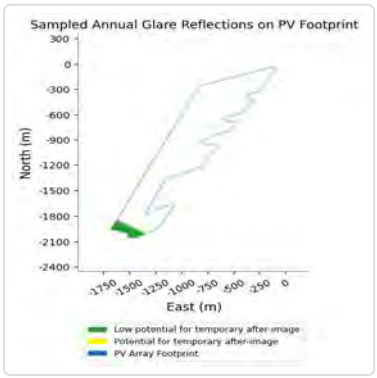
PV array is expected to produce the following glare for this receptor:

- 692 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 5

No glare found

Field D3 Array: OP 6

No glare found

Field D3 Array: OP 7

No glare found

Field D3 Array: OP 8

No glare found

Field D3 Array: OP 9

No glare found

Field D3 Array: OP 10

No glare found

Field D3 Array: OP 11

No glare found

Field D3 Array: OP 12

No glare found

Field D3 Array: OP 13

No glare found

Field D3 Array: OP 14

No glare found

Field D3 Array: OP 15

No glare found

Field D3 Array: OP 16

No glare found

Field D3 Array: OP 17

No glare found

Field D3 Array: OP 18

No glare found

Field D3 Array: OP 19

No glare found

Field D3 Array: OP 20

No glare found

Field D3 Array: OP 21

No glare found

Field D3 Array: OP 22

No glare found

Field D3 Array: OP 23

No glare found

Field D3 Array: OP 24

No glare found

Field D3 Array: OP 25

No glare found

Field D3 Array: OP 26

No glare found

Field D3 Array: OP 27

No glare found

Field D3 Array: OP 28

No glare found

Field D3 Array: OP 29

No glare found

Field D3 Array: OP 30

No glare found

Field D3 Array: OP 31

No glare found

Field D3 Array: OP 32

No glare found

Field D3 Array: OP 33

No glare found

Field D3 Array: OP 34

No glare found

Field D3 Array: OP 35

No glare found

Field D3 Array: OP 36

No glare found

Field D3 Array: OP 37

No glare found

Field D3 Array: OP 38

No glare found

Field D3 Array: OP 39

No glare found

Field D3 Array: OP 40

No glare found

Field D3 Array: OP 41

No glare found

Field D3 Array: OP 42

No glare found

Field D3 Array: OP 43

No glare found

Field D3 Array: OP 44

No glare found

Field D3 Array: OP 45

No glare found

Field D3 Array: OP 46

No glare found

Field D3 Array: OP 47

No glare found

Field D3 Array: OP 48

No glare found

Field D3 Array: OP 49

No glare found

Field D3 Array: OP 50

No glare found

Field D3 Array: OP 51

No glare found

Field D3 Array: OP 52

No glare found

Field D5 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	15	0
OP: OP 7	619	0
OP: OP 8	2435	220
OP: OP 9	2490	0
OP: OP 10	1178	1509
OP: OP 11	1062	1640
OP: OP 12	1315	1312
OP: OP 13	1697	893
OP: OP 14	1910	508
OP: OP 15	1949	491
OP: OP 16	1796	743
OP: OP 17	1760	808
OP: OP 18	2202	72
OP: OP 19	1277	1334
OP: OP 20	1509	986
OP: OP 21	1571	809
OP: OP 22	1355	998
OP: OP 23	1538	508
OP: OP 24	2698	208
OP: OP 25	2920	143
OP: OP 26	3081	211
OP: OP 27	2617	514

OP: OP 28	2239	1026
OP: OP 29	2345	875
OP: OP 30	2050	859
OP: OP 31	1940	635
OP: OP 32	2104	1095
OP: OP 33	1964	831
OP: OP 34	1882	591
OP: OP 35	1809	297
OP: OP 36	1646	772
OP: OP 37	1632	1299
OP: OP 38	2007	679
OP: OP 39	1628	690
OP: OP 40	1682	167
OP: OP 41	876	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	97	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	1020	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

Field D5 Array: OP 1

No glare found

Field D5 Array: OP 2

No glare found

Field D5 Array: OP 3

No glare found

Field D5 Array: OP 4

No glare found

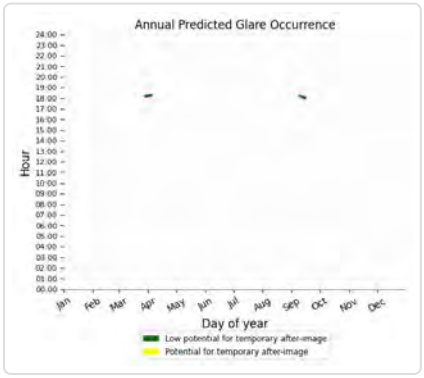
Field D5 Array: OP 5

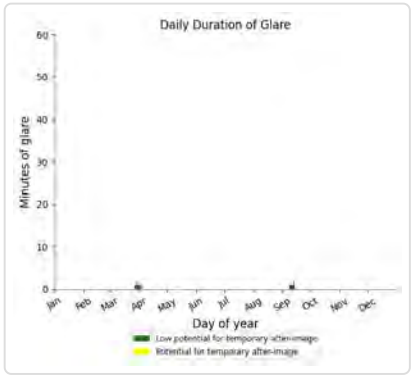
No glare found

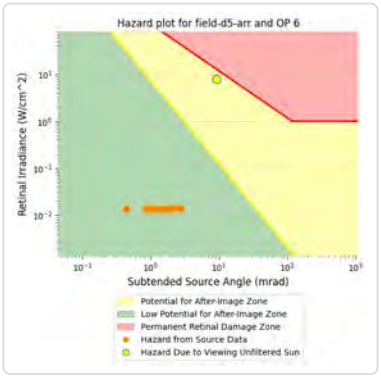
Field D5 Array: OP 6

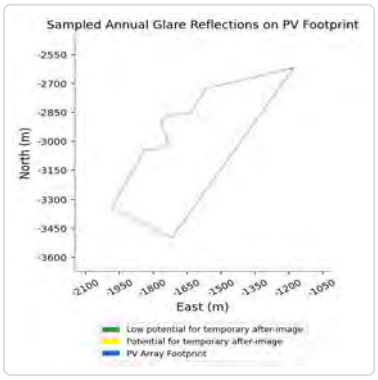
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





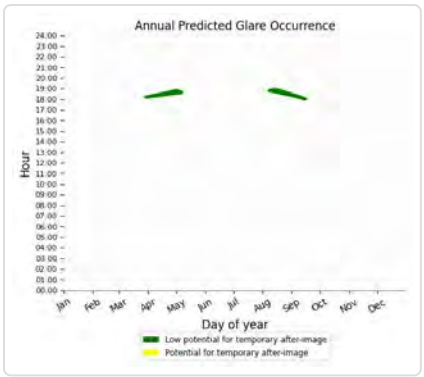




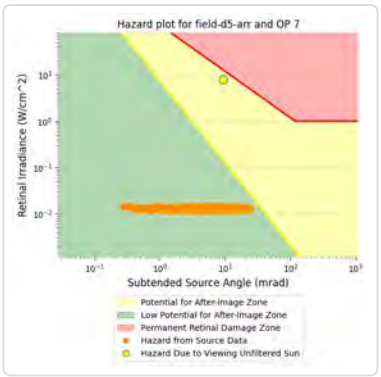
Field D5 Array: OP 7

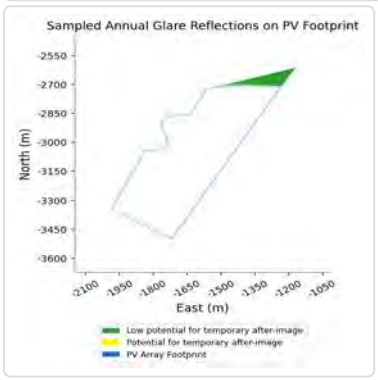
PV array is expected to produce the following glare for this receptor:

- 619 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





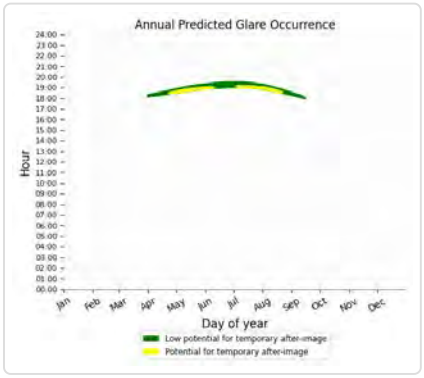


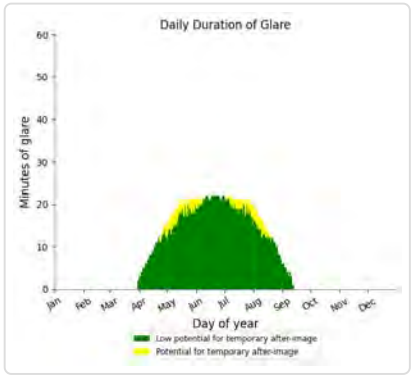


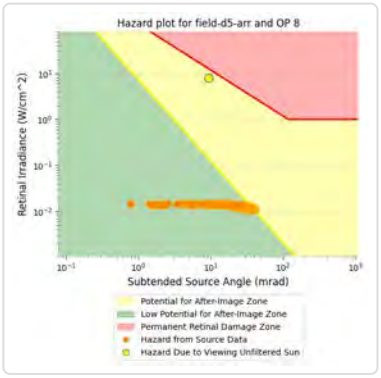
Field D5 Array: OP 8

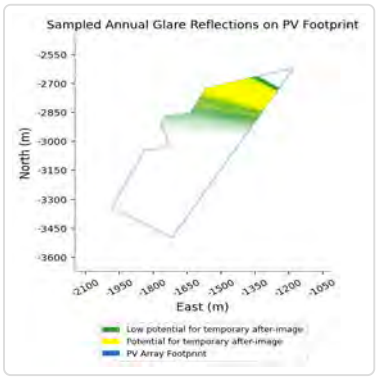
PV array is expected to produce the following glare for this receptor:

- 2,435 minutes of "green" glare with low potential to cause temporary after-image.
- 220 minutes of "yellow" glare with potential to cause temporary after-image.





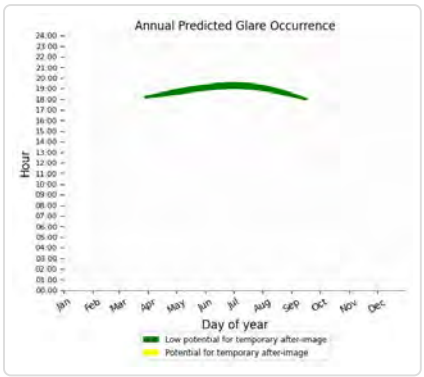




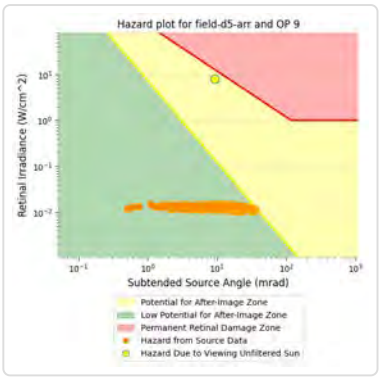
Field D5 Array: OP 9

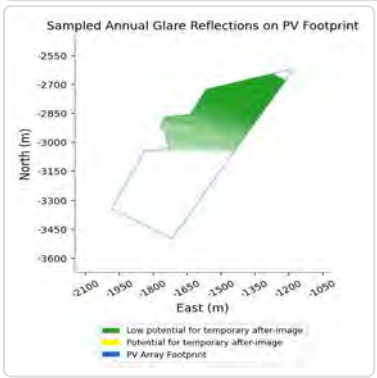
PV array is expected to produce the following glare for this receptor:

- 2,490 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





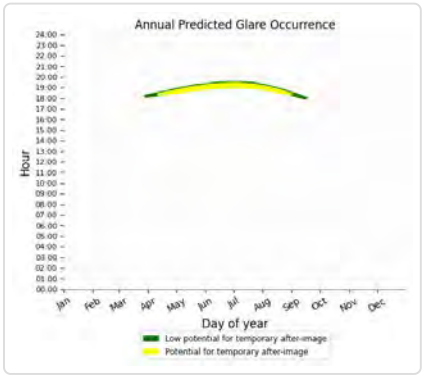


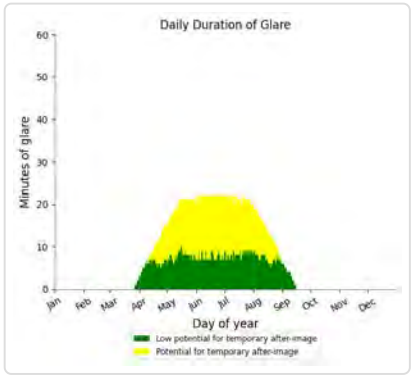


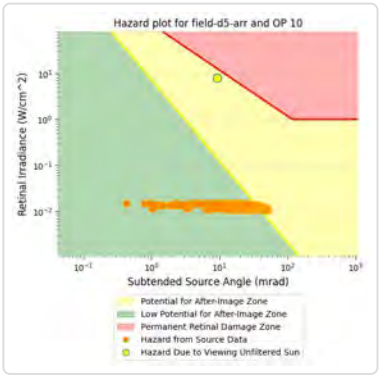
Field D5 Array: OP 10

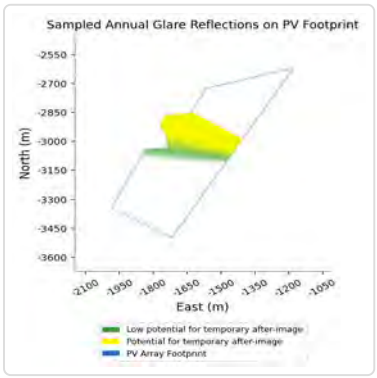
PV array is expected to produce the following glare for this receptor:

- 1,178 minutes of "green" glare with low potential to cause temporary after-image.
- 1,509 minutes of "yellow" glare with potential to cause temporary after-image.





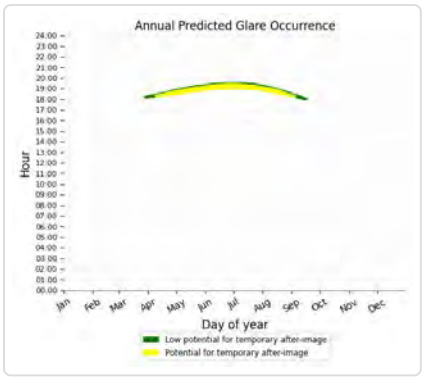


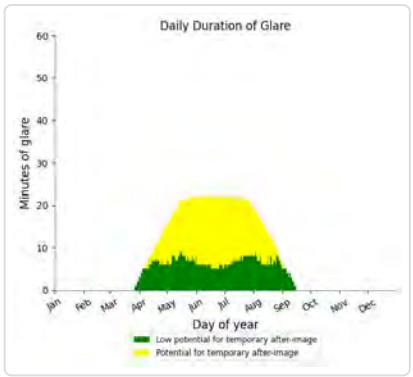


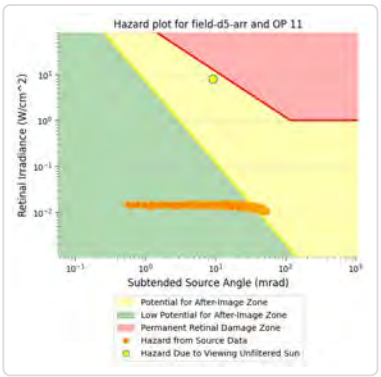
Field D5 Array: OP 11

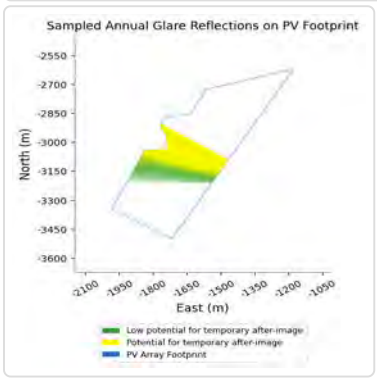
PV array is expected to produce the following glare for this receptor:

- 1,062 minutes of "green" glare with low potential to cause temporary after-image.
- 1,640 minutes of "yellow" glare with potential to cause temporary after-image.





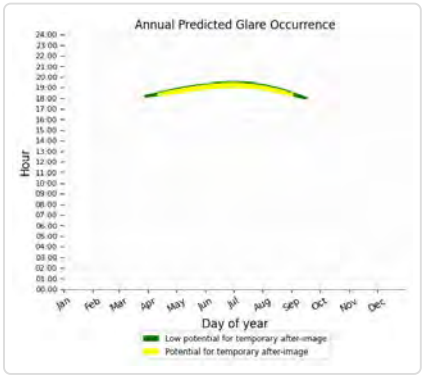


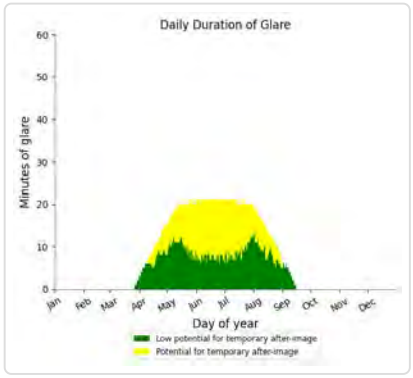


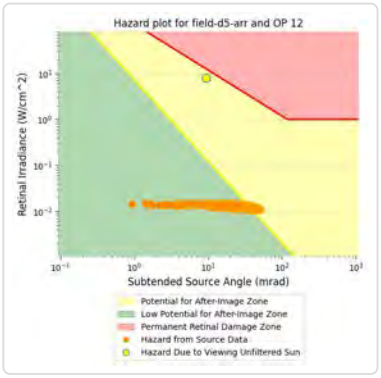
Field D5 Array: OP 12

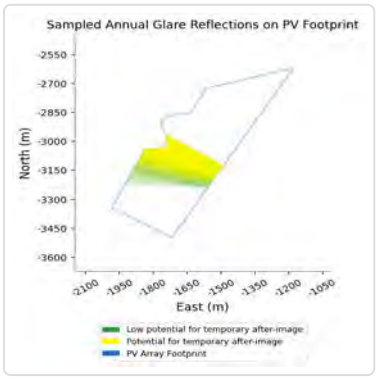
PV array is expected to produce the following glare for this receptor:

- 1,315 minutes of "green" glare with low potential to cause temporary after-image.
- 1,312 minutes of "yellow" glare with potential to cause temporary after-image.





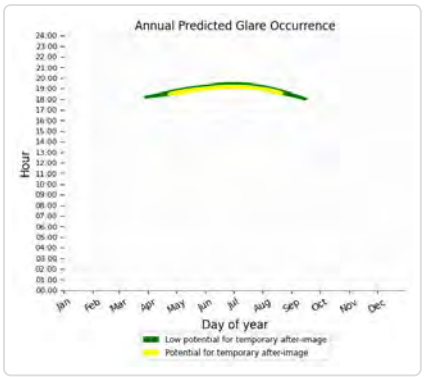


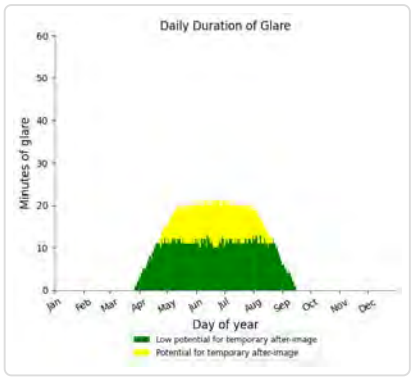


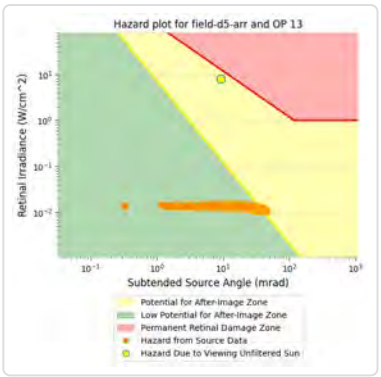
Field D5 Array: OP 13

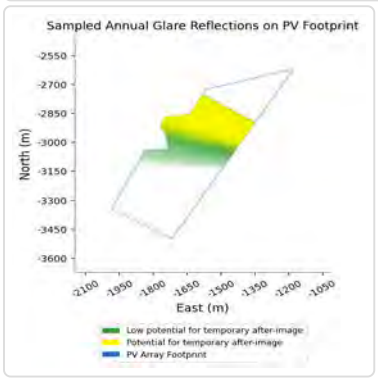
PV array is expected to produce the following glare for this receptor:

- 1,697 minutes of "green" glare with low potential to cause temporary after-image.
- 893 minutes of "yellow" glare with potential to cause temporary after-image.





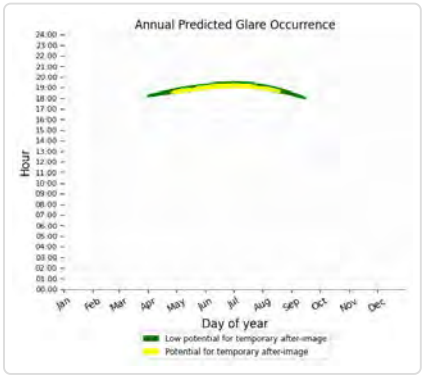


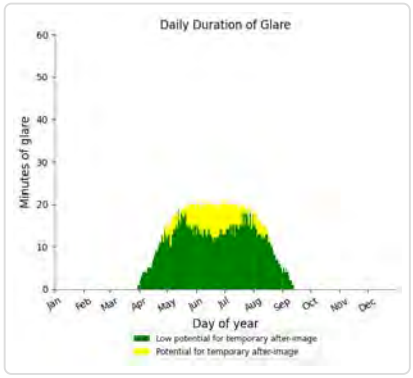


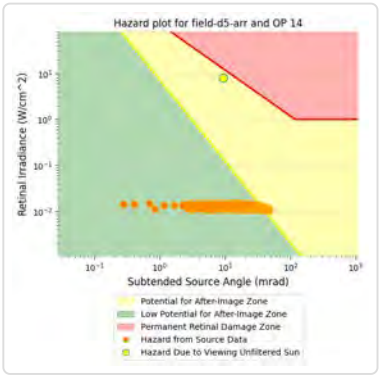
Field D5 Array: OP 14

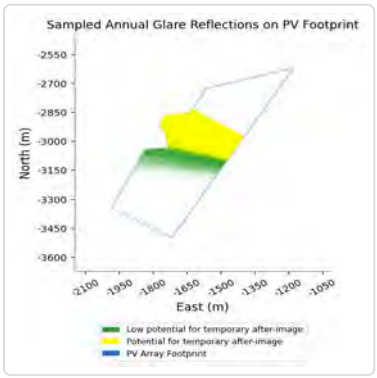
PV array is expected to produce the following glare for this receptor:

- 1,910 minutes of "green" glare with low potential to cause temporary after-image.
- 508 minutes of "yellow" glare with potential to cause temporary after-image.





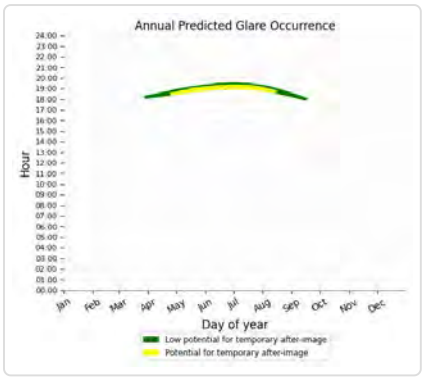


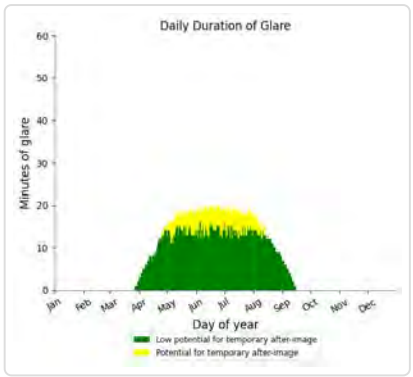


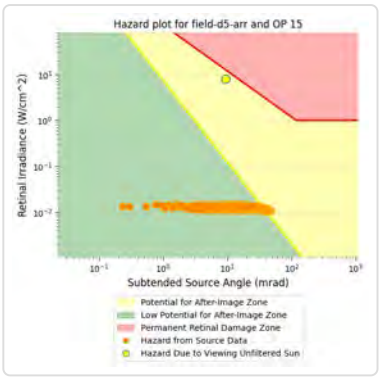
Field D5 Array: OP 15

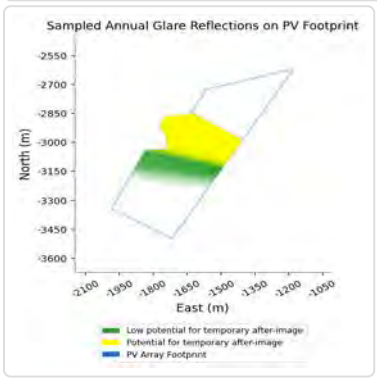
PV array is expected to produce the following glare for this receptor:

- 1,949 minutes of "green" glare with low potential to cause temporary after-image.
- 491 minutes of "yellow" glare with potential to cause temporary after-image.





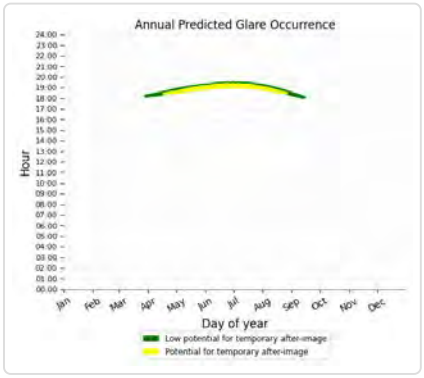


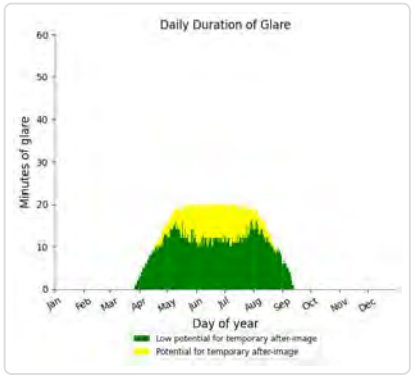


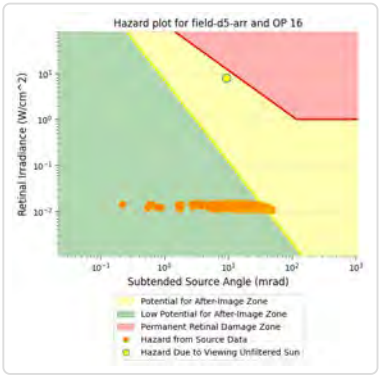
Field D5 Array: OP 16

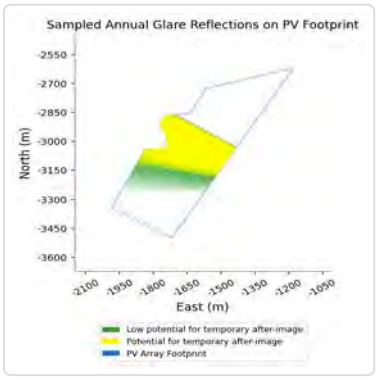
PV array is expected to produce the following glare for this receptor:

- 1,796 minutes of "green" glare with low potential to cause temporary after-image.
- 743 minutes of "yellow" glare with potential to cause temporary after-image.





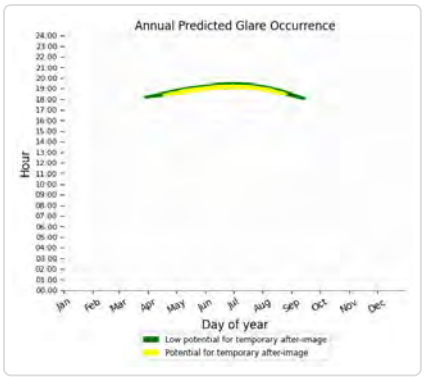


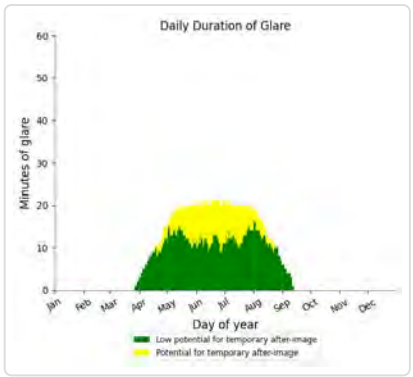


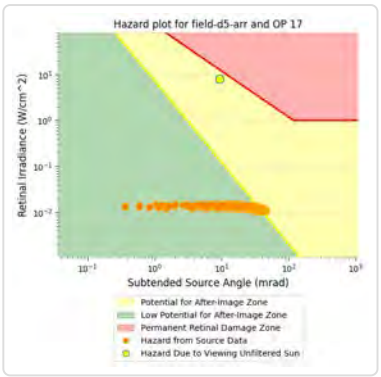
Field D5 Array: OP 17

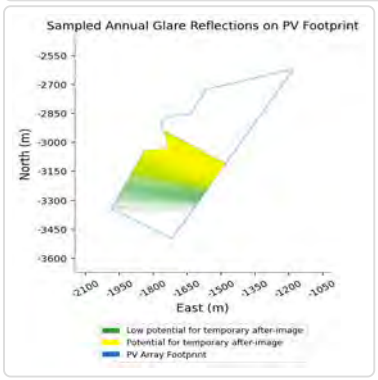
PV array is expected to produce the following glare for this receptor:

- 1,760 minutes of "green" glare with low potential to cause temporary after-image.
- 808 minutes of "yellow" glare with potential to cause temporary after-image.





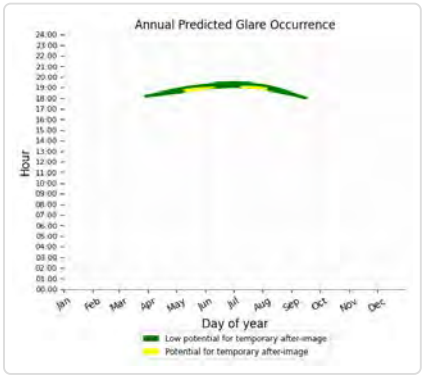


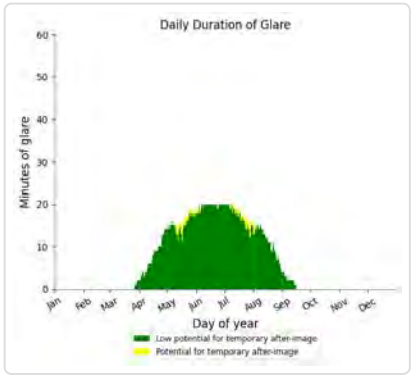


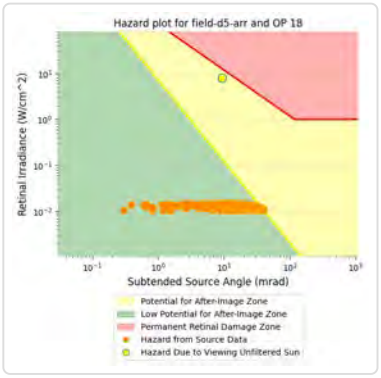
Field D5 Array: OP 18

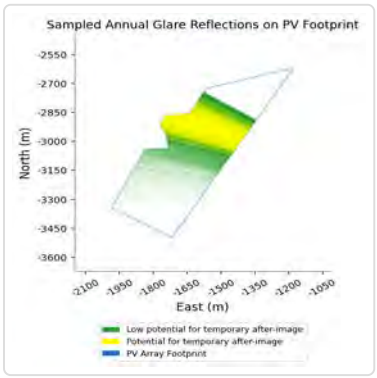
PV array is expected to produce the following glare for this receptor:

- 2,202 minutes of "green" glare with low potential to cause temporary after-image.
- 72 minutes of "yellow" glare with potential to cause temporary after-image.





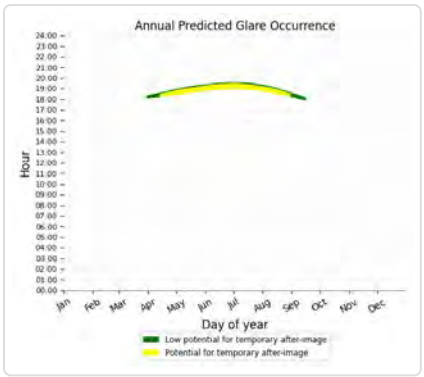


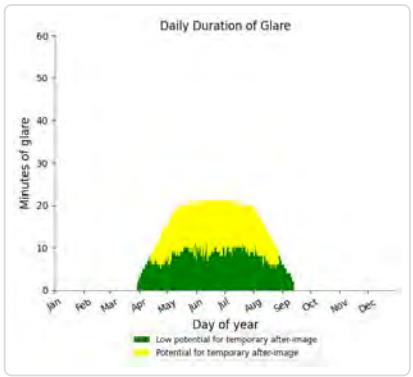


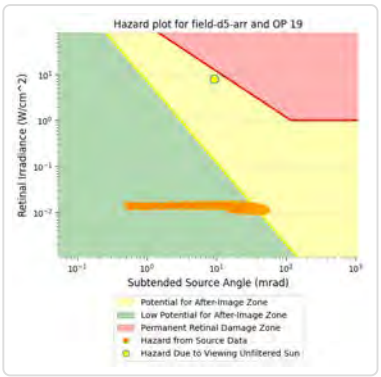
Field D5 Array: OP 19

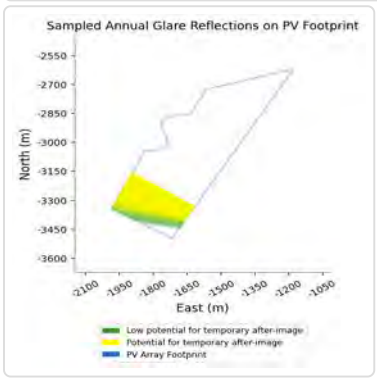
PV array is expected to produce the following glare for this receptor:

- 1,277 minutes of "green" glare with low potential to cause temporary after-image.
- 1,334 minutes of "yellow" glare with potential to cause temporary after-image.





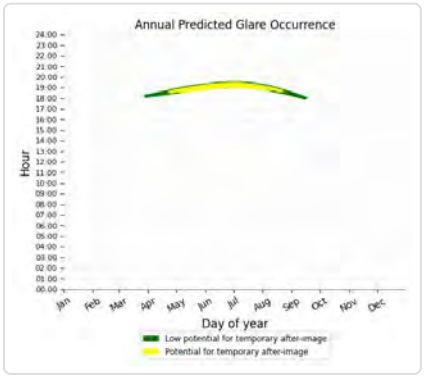


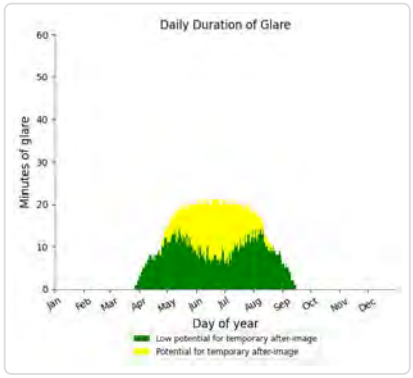


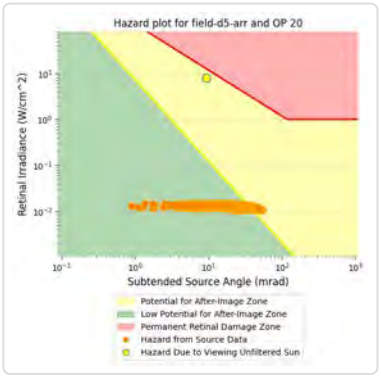
Field D5 Array: OP 20

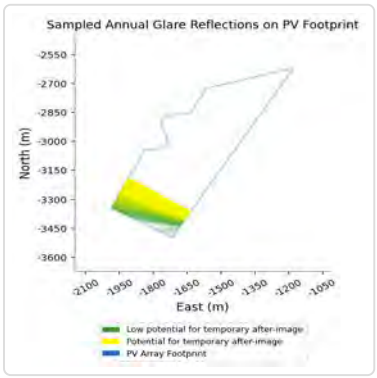
PV array is expected to produce the following glare for this receptor:

- 1,509 minutes of "green" glare with low potential to cause temporary after-image.
- 986 minutes of "yellow" glare with potential to cause temporary after-image.





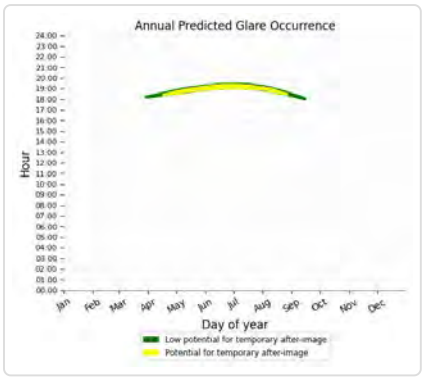


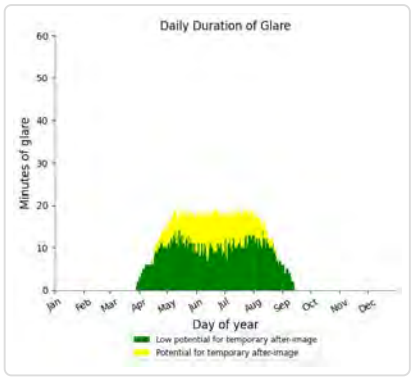


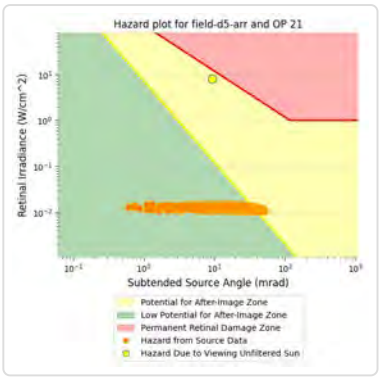
Field D5 Array: OP 21

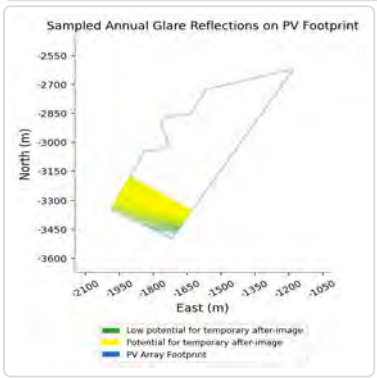
PV array is expected to produce the following glare for this receptor:

- 1,571 minutes of "green" glare with low potential to cause temporary after-image.
- 809 minutes of "yellow" glare with potential to cause temporary after-image.





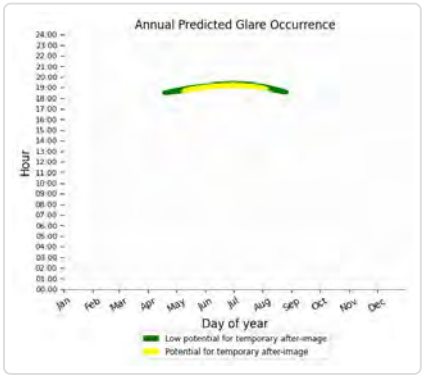


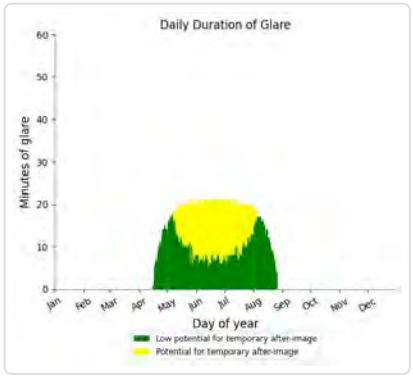


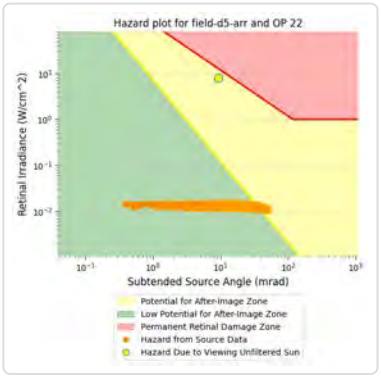
Field D5 Array: OP 22

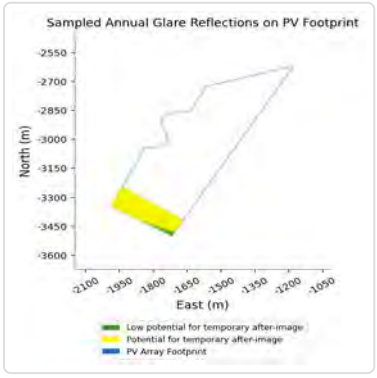
PV array is expected to produce the following glare for this receptor:

- 1,355 minutes of "green" glare with low potential to cause temporary after-image.
- 998 minutes of "yellow" glare with potential to cause temporary after-image.





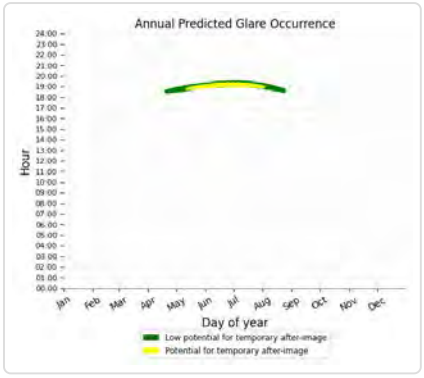


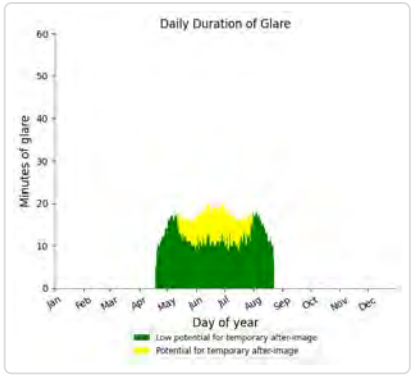


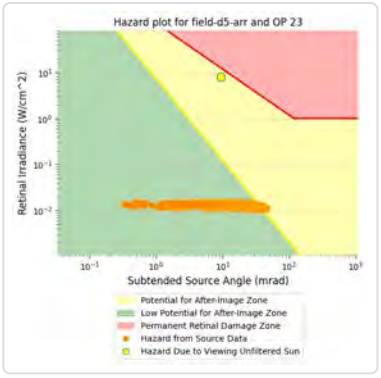
Field D5 Array: OP 23

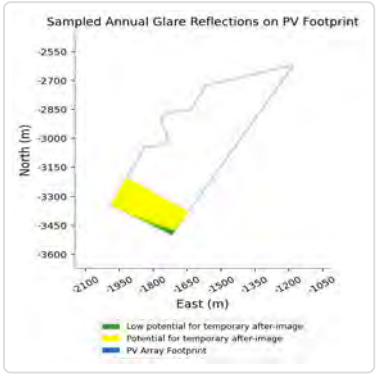
PV array is expected to produce the following glare for this receptor:

- 1,538 minutes of "green" glare with low potential to cause temporary after-image.
- 508 minutes of "yellow" glare with potential to cause temporary after-image.





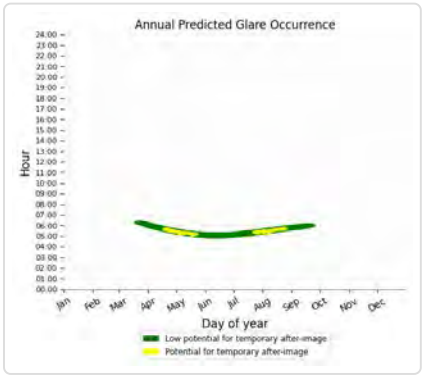


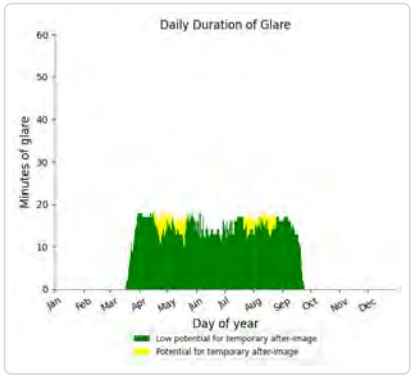


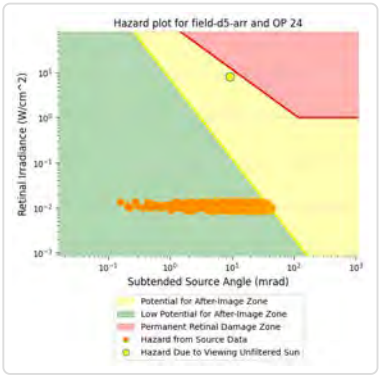
Field D5 Array: OP 24

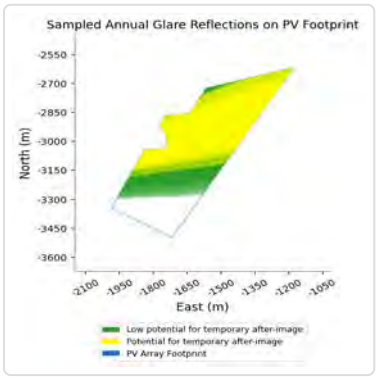
PV array is expected to produce the following glare for this receptor:

- 2,698 minutes of "green" glare with low potential to cause temporary after-image.
- 208 minutes of "yellow" glare with potential to cause temporary after-image.





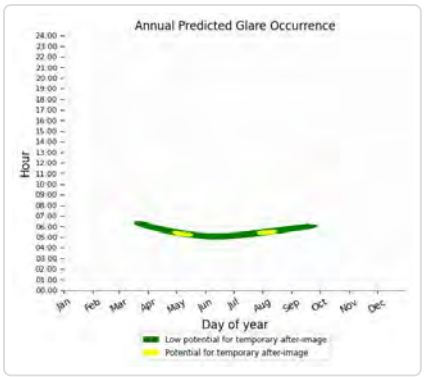


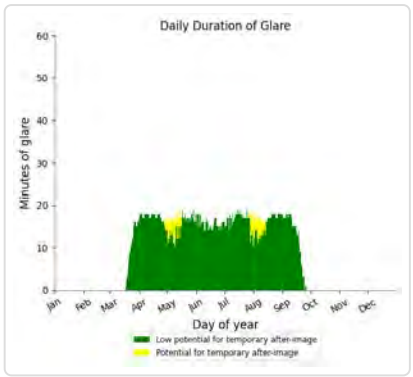


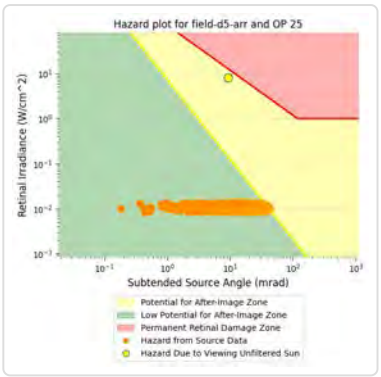
Field D5 Array: OP 25

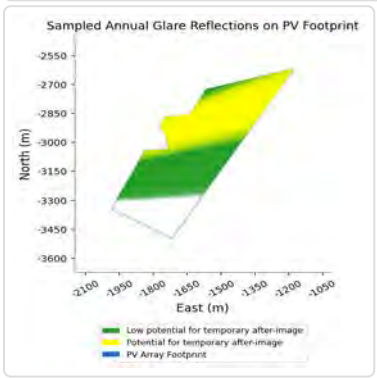
PV array is expected to produce the following glare for this receptor:

- 2,920 minutes of "green" glare with low potential to cause temporary after-image.
- 143 minutes of "yellow" glare with potential to cause temporary after-image.





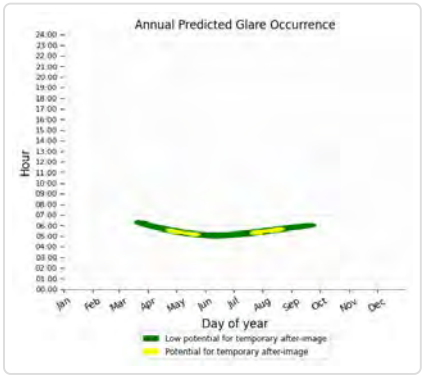


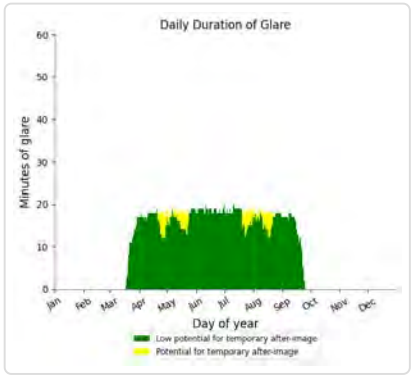


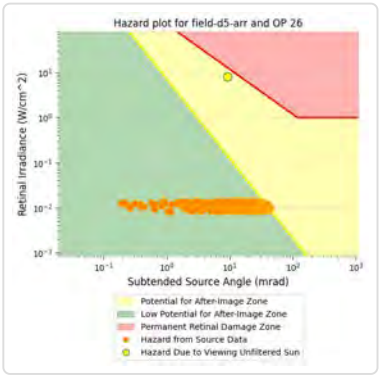
Field D5 Array: OP 26

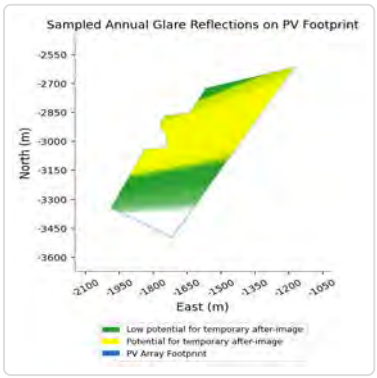
PV array is expected to produce the following glare for this receptor:

- 3,081 minutes of "green" glare with low potential to cause temporary after-image.
- 211 minutes of "yellow" glare with potential to cause temporary after-image.





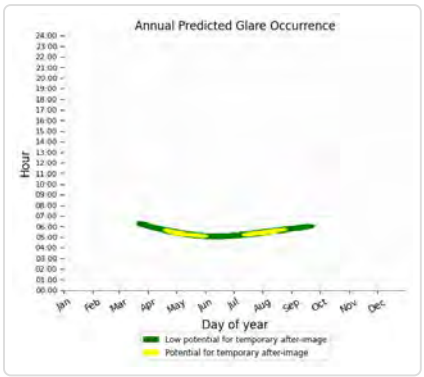


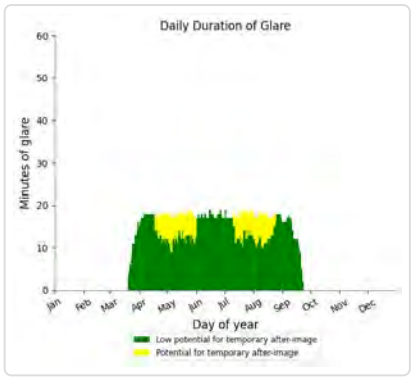


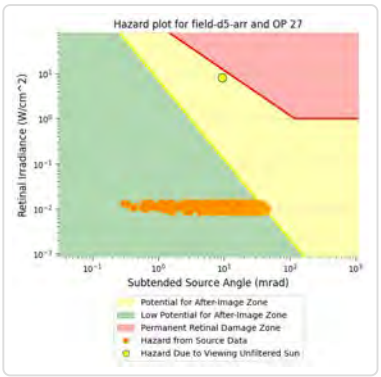
Field D5 Array: OP 27

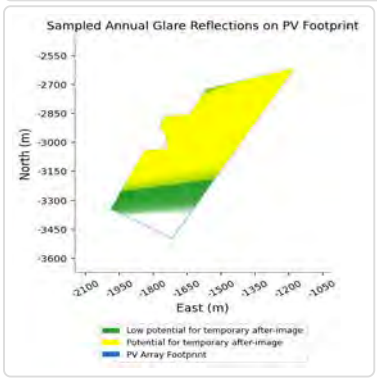
PV array is expected to produce the following glare for this receptor:

- 2,617 minutes of "green" glare with low potential to cause temporary after-image.
- 514 minutes of "yellow" glare with potential to cause temporary after-image.





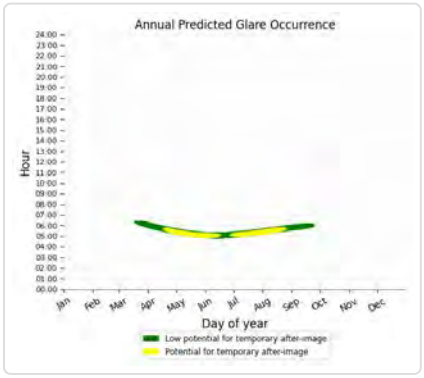


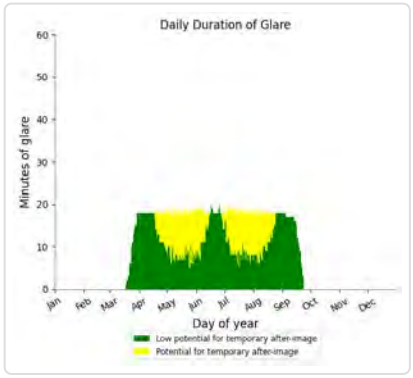


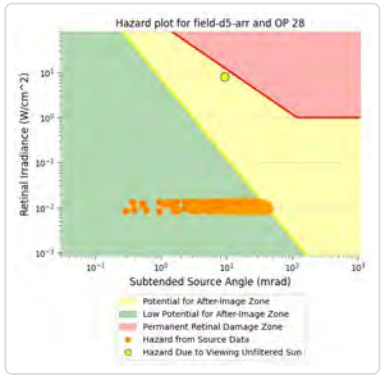
Field D5 Array: OP 28

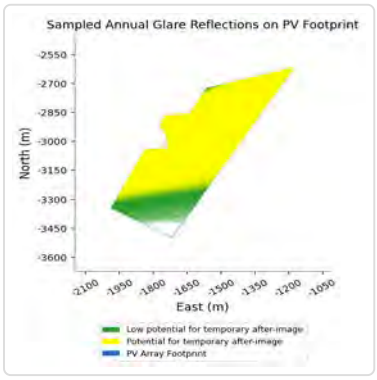
PV array is expected to produce the following glare for this receptor:

- 2,239 minutes of "green" glare with low potential to cause temporary after-image.
- 1,026 minutes of "yellow" glare with potential to cause temporary after-image.





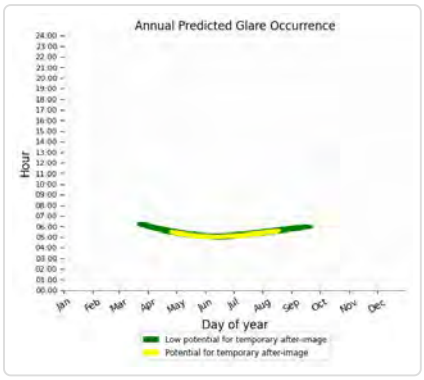


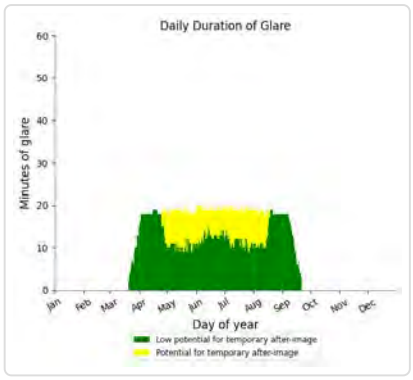


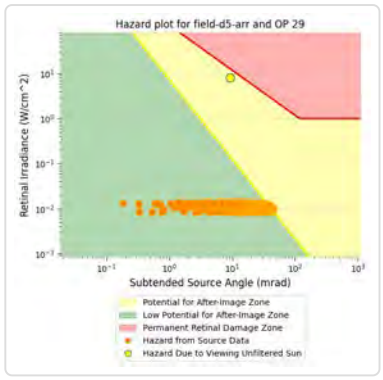
Field D5 Array: OP 29

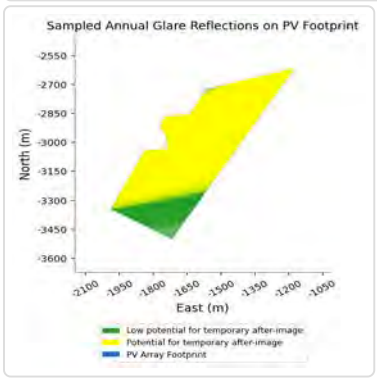
PV array is expected to produce the following glare for this receptor:

- 2,345 minutes of "green" glare with low potential to cause temporary after-image.
- 875 minutes of "yellow" glare with potential to cause temporary after-image.





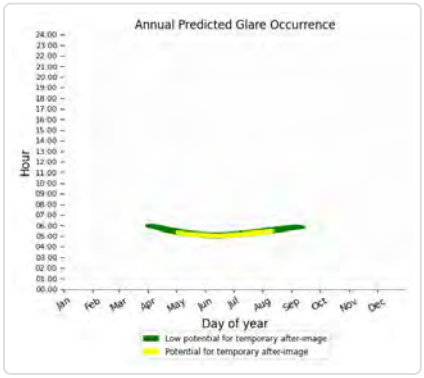


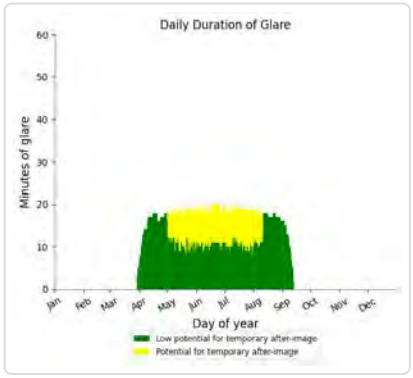


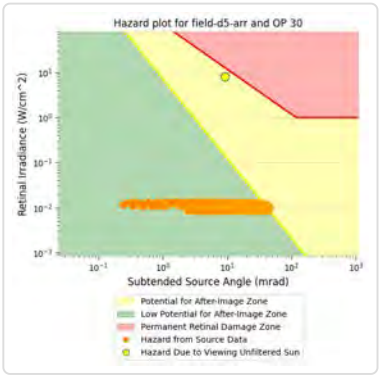
Field D5 Array: OP 30

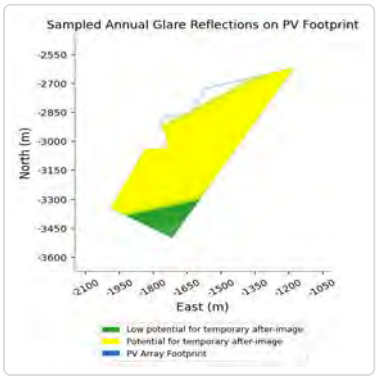
PV array is expected to produce the following glare for this receptor:

- 2,050 minutes of "green" glare with low potential to cause temporary after-image.
- 859 minutes of "yellow" glare with potential to cause temporary after-image.





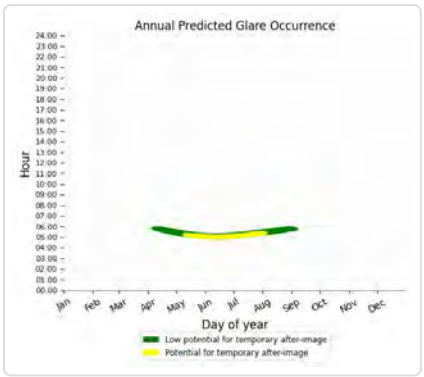


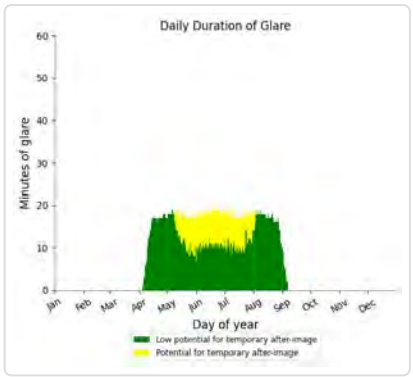


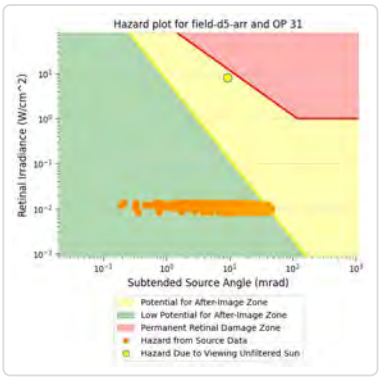
Field D5 Array: OP 31

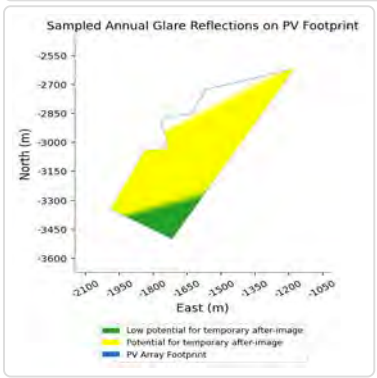
PV array is expected to produce the following glare for this receptor:

- 1,940 minutes of "green" glare with low potential to cause temporary after-image.
- 635 minutes of "yellow" glare with potential to cause temporary after-image.





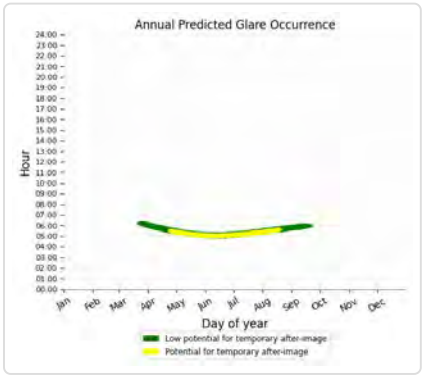


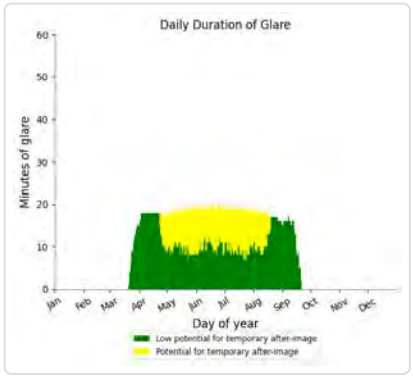


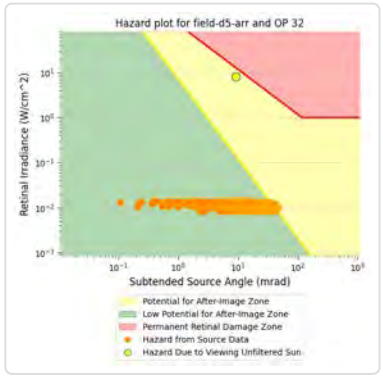
Field D5 Array: OP 32

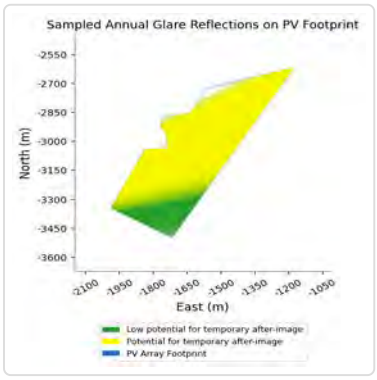
PV array is expected to produce the following glare for this receptor:

- 2,104 minutes of "green" glare with low potential to cause temporary after-image.
- 1,095 minutes of "yellow" glare with potential to cause temporary after-image.





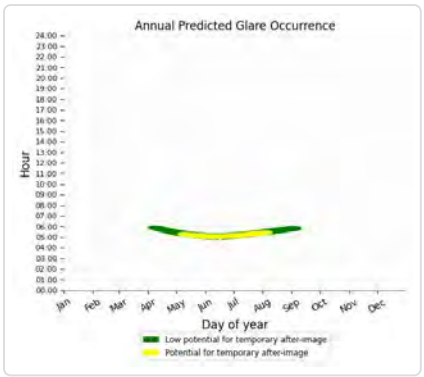


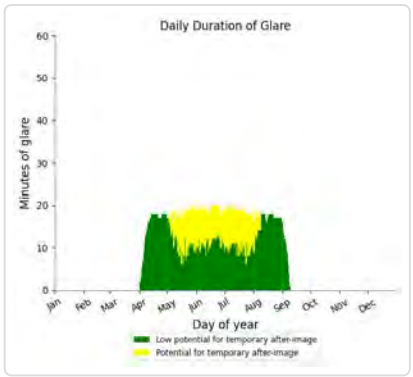


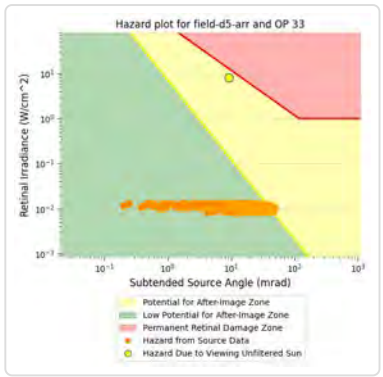
Field D5 Array: OP 33

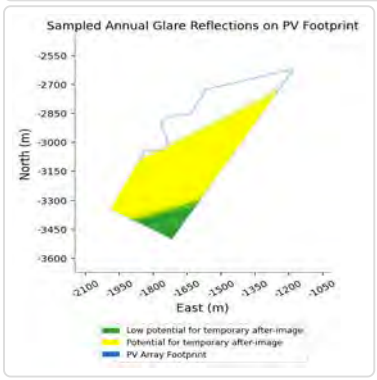
PV array is expected to produce the following glare for this receptor:

- 1,964 minutes of "green" glare with low potential to cause temporary after-image.
- 831 minutes of "yellow" glare with potential to cause temporary after-image.





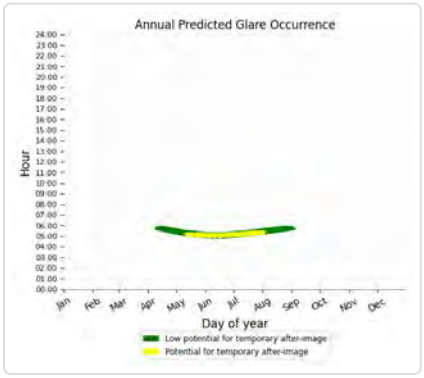


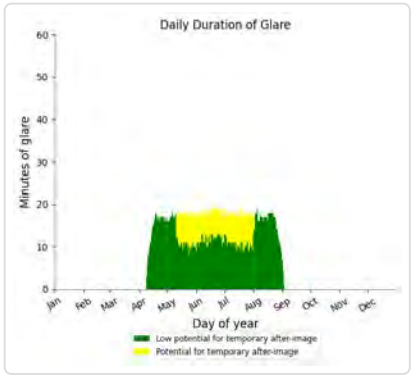


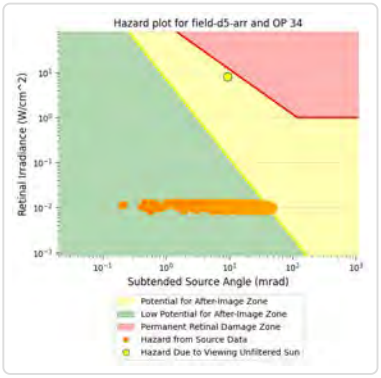
Field D5 Array: OP 34

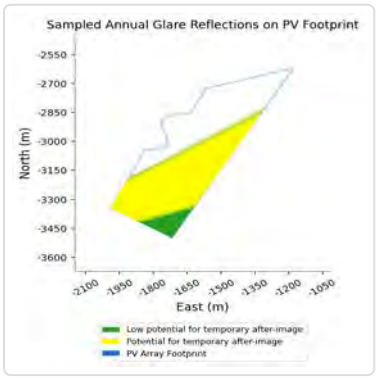
PV array is expected to produce the following glare for this receptor:

- 1,882 minutes of "green" glare with low potential to cause temporary after-image.
- 591 minutes of "yellow" glare with potential to cause temporary after-image.





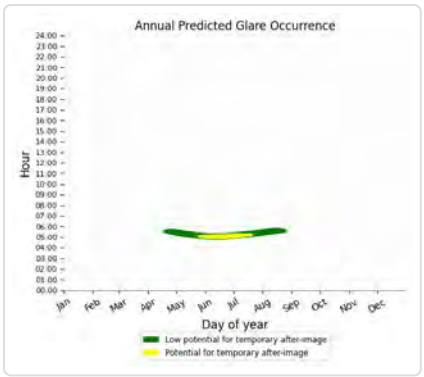


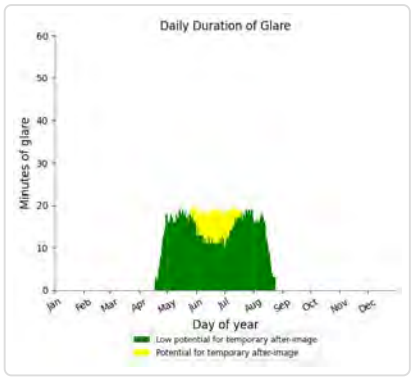


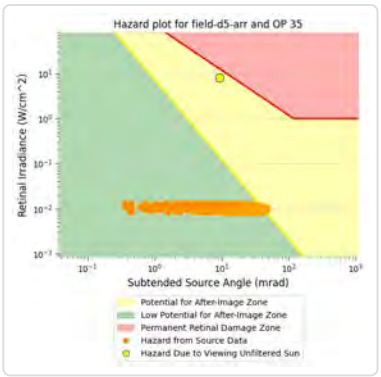
Field D5 Array: OP 35

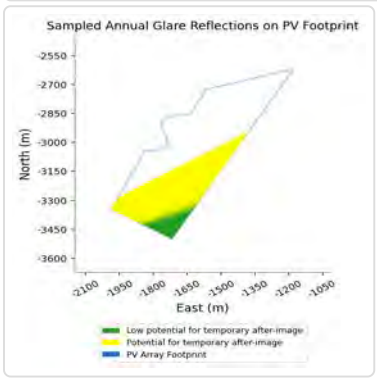
PV array is expected to produce the following glare for this receptor:

- 1,809 minutes of "green" glare with low potential to cause temporary after-image.
- 297 minutes of "yellow" glare with potential to cause temporary after-image.





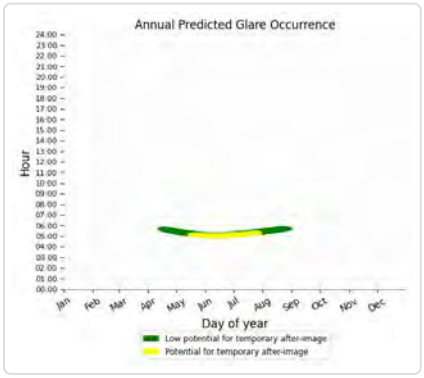


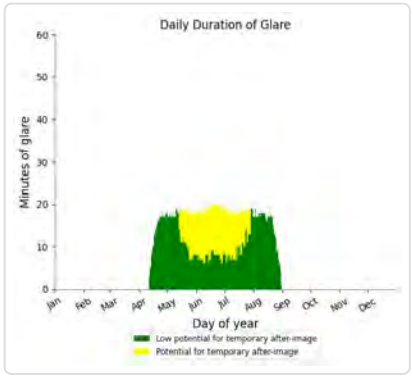


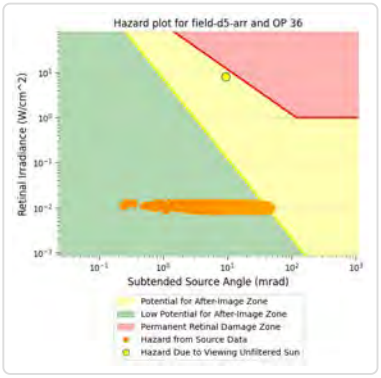
Field D5 Array: OP 36

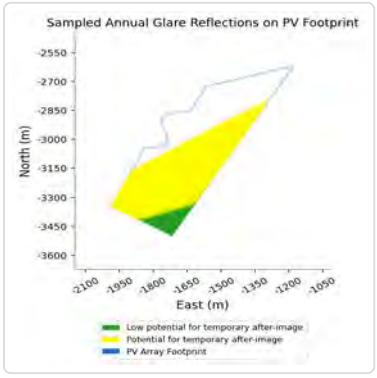
PV array is expected to produce the following glare for this receptor:

- 1,646 minutes of "green" glare with low potential to cause temporary after-image.
- 772 minutes of "yellow" glare with potential to cause temporary after-image.





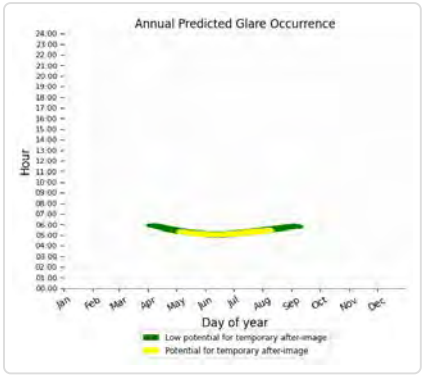


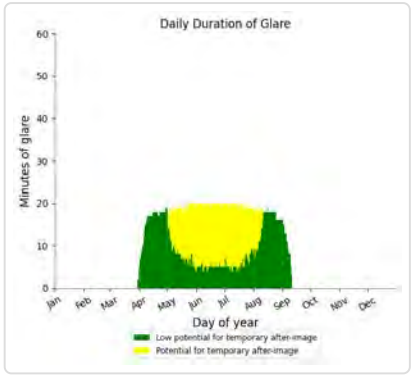


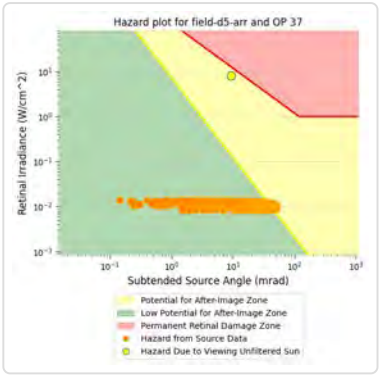
Field D5 Array: OP 37

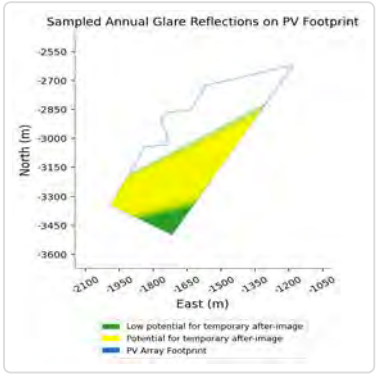
PV array is expected to produce the following glare for this receptor:

- 1,632 minutes of "green" glare with low potential to cause temporary after-image.
- 1,299 minutes of "yellow" glare with potential to cause temporary after-image.





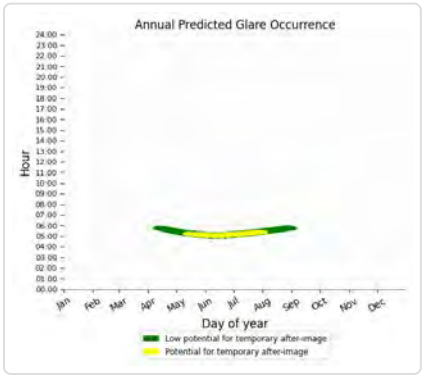


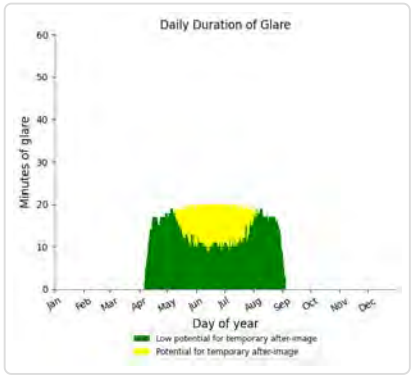


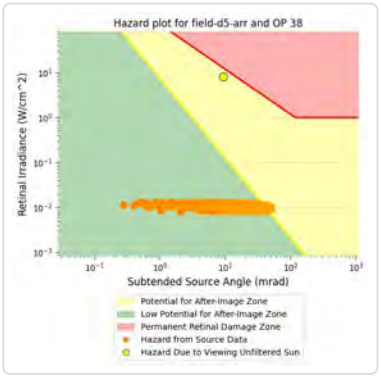
Field D5 Array: OP 38

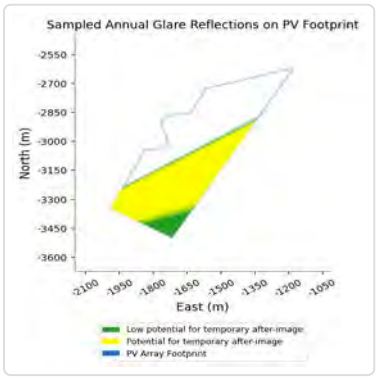
PV array is expected to produce the following glare for this receptor:

- 2,007 minutes of "green" glare with low potential to cause temporary after-image.
- 679 minutes of "yellow" glare with potential to cause temporary after-image.





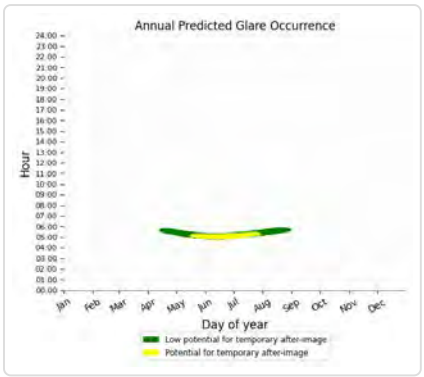


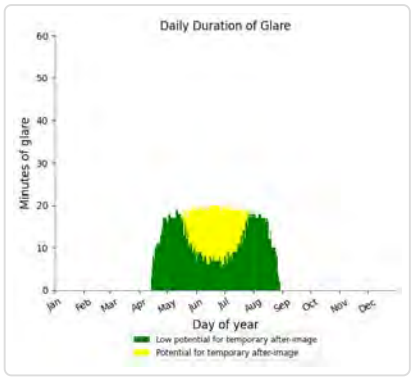


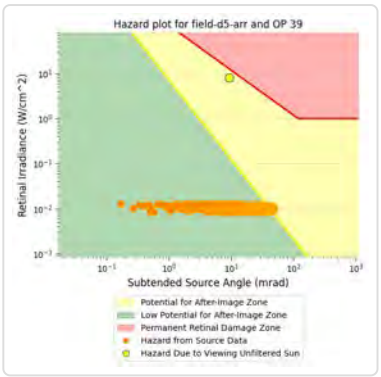
Field D5 Array: OP 39

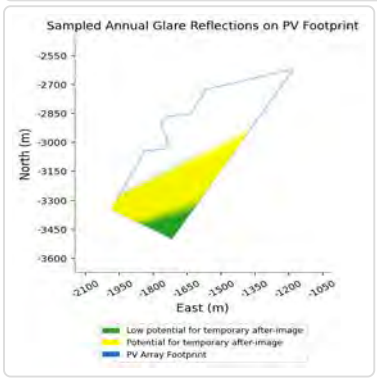
PV array is expected to produce the following glare for this receptor:

- 1,628 minutes of "green" glare with low potential to cause temporary after-image.
- 690 minutes of "yellow" glare with potential to cause temporary after-image.





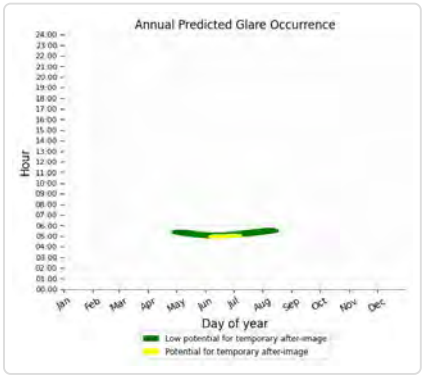


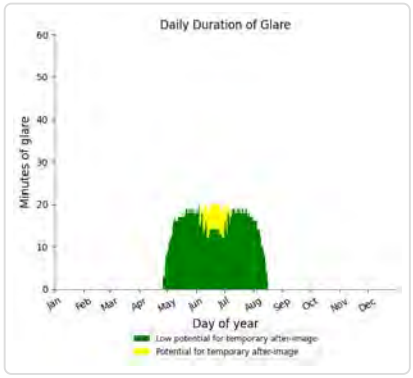


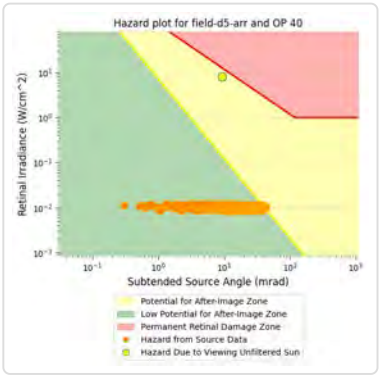
Field D5 Array: OP 40

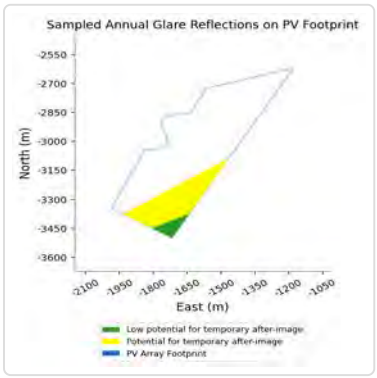
PV array is expected to produce the following glare for this receptor:

- 1,682 minutes of "green" glare with low potential to cause temporary after-image.
- 167 minutes of "yellow" glare with potential to cause temporary after-image.





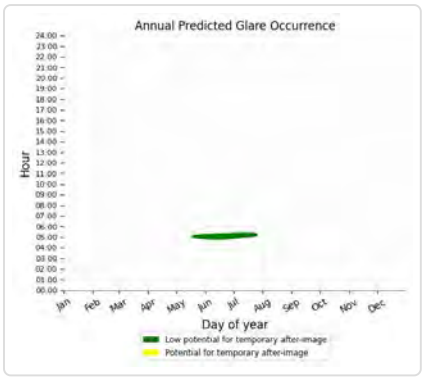


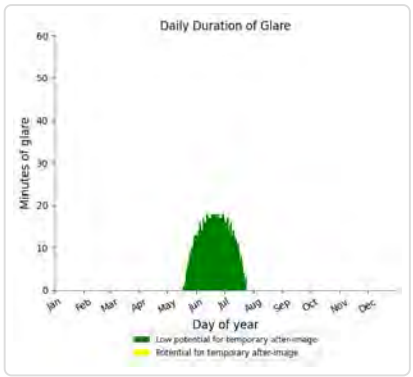


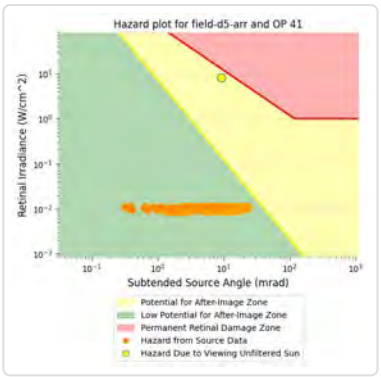
Field D5 Array: OP 41

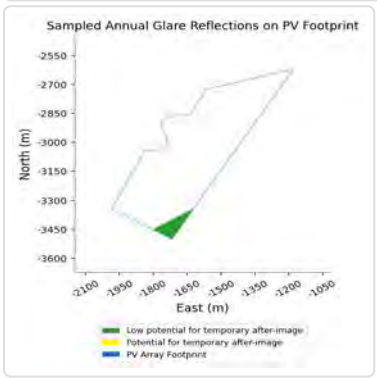
PV array is expected to produce the following glare for this receptor:

- 876 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 42

No glare found

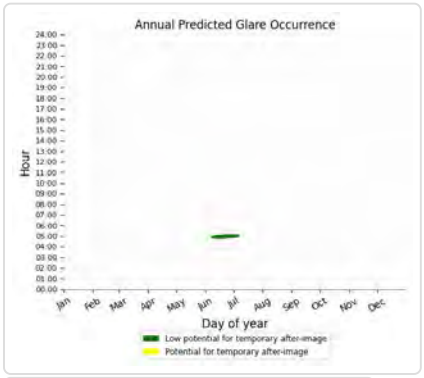
Field D5 Array: OP 43

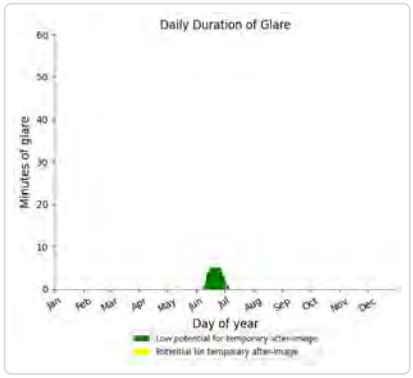
No glare found

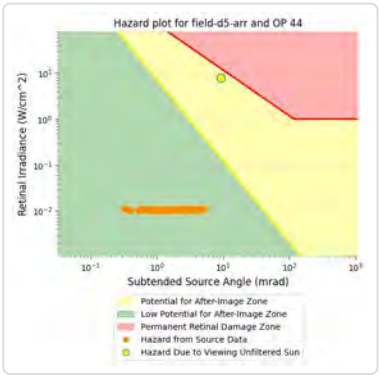
Field D5 Array: OP 44

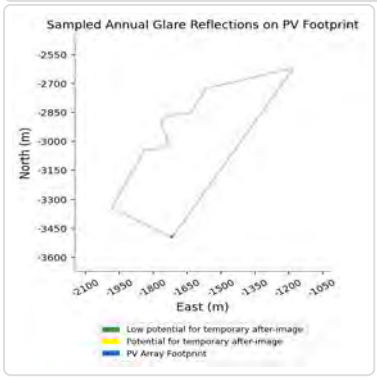
PV array is expected to produce the following glare for this receptor:

- 97 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 45

No glare found

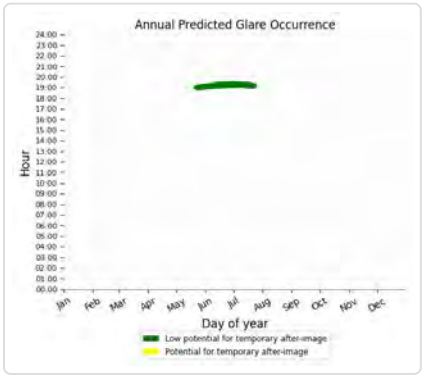
Field D5 Array: OP 46

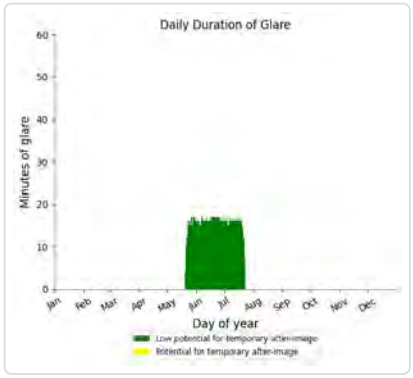
No glare found

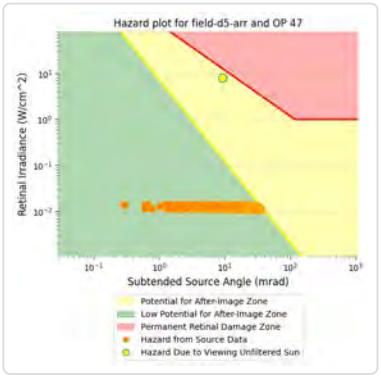
Field D5 Array: OP 47

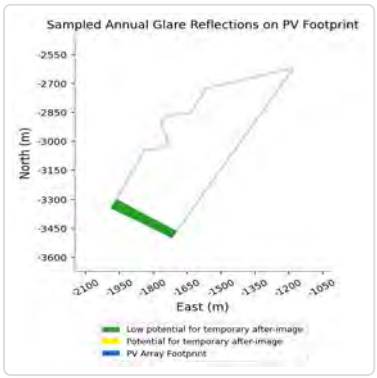
PV array is expected to produce the following glare for this receptor:

- 1,020 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 48

No glare found

Field D5 Array: OP 49

No glare found

Field D5 Array: OP 50

No glare found

Field D5 Array: OP 51

No glare found

Field D5 Array: OP 52

No glare found

Field D6 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	105	0
OP: OP 6	286	0
OP: OP 7	1082	0
OP: OP 8	2219	0

OP: OP 9	2159	0
OP: OP 10	1909	0
OP: OP 11	2183	0
OP: OP 12	2020	0
OP: OP 13	2103	0
OP: OP 14	2043	0
OP: OP 15	1901	0
OP: OP 16	1942	0
OP: OP 17	2122	0
OP: OP 18	1859	0
OP: OP 19	1633	0
OP: OP 20	1482	0
OP: OP 21	1165	0
OP: OP 22	1009	0
OP: OP 23	1059	0
OP: OP 24	20	0
OP: OP 25	29	0
OP: OP 26	22	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	203	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	173	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

Field D6 Array: OP 1

No glare found

Field D6 Array: OP 2

No glare found

Field D6 Array: OP 3

No glare found

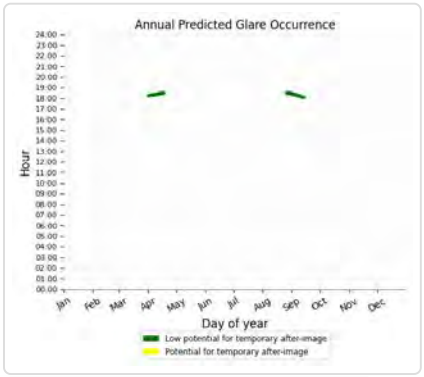
Field D6 Array: OP 4

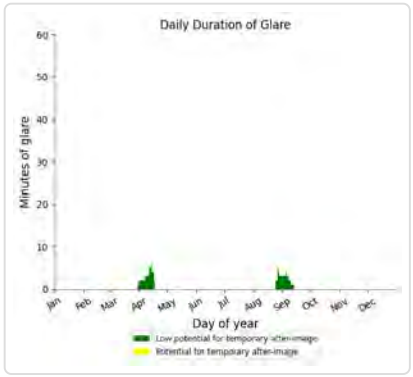
No glare found

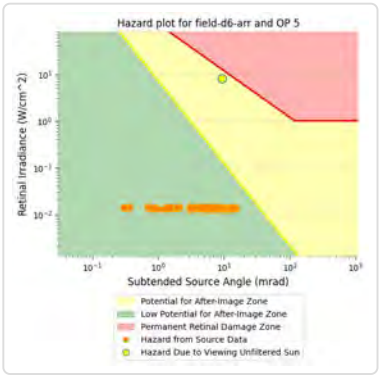
Field D6 Array: OP 5

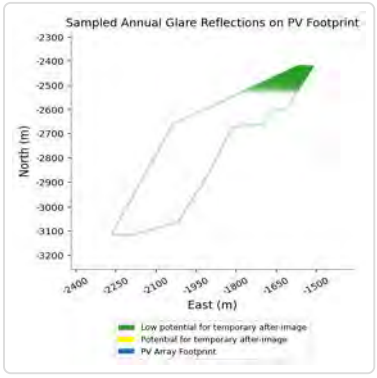
PV array is expected to produce the following glare for this receptor:

- 105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





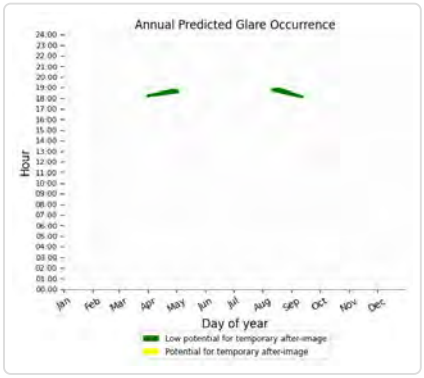


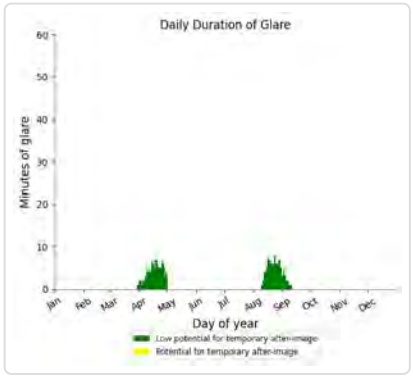


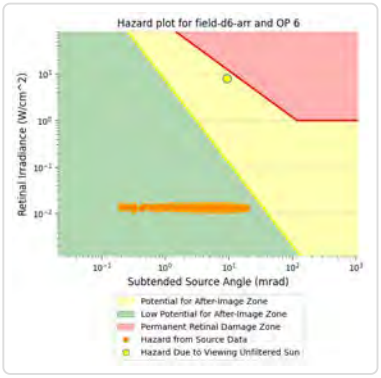
Field D6 Array: OP 6

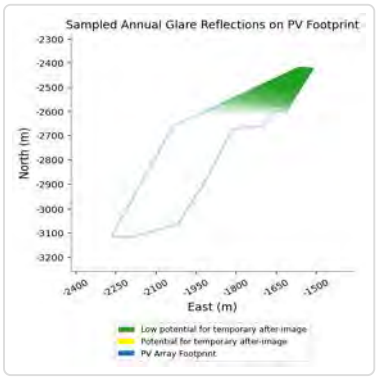
PV array is expected to produce the following glare for this receptor:

- 286 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





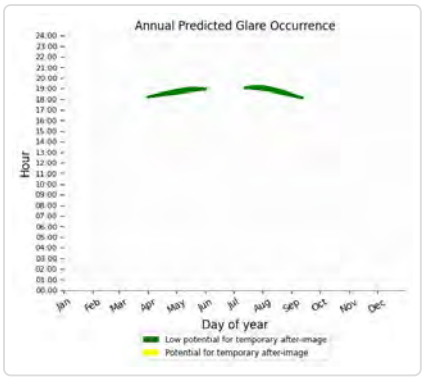




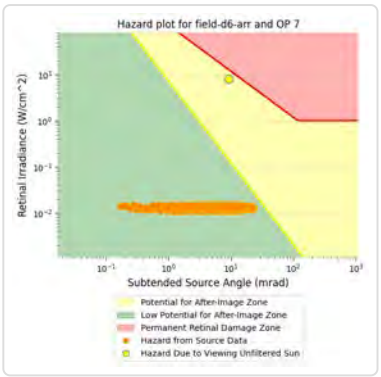
Field D6 Array: OP 7

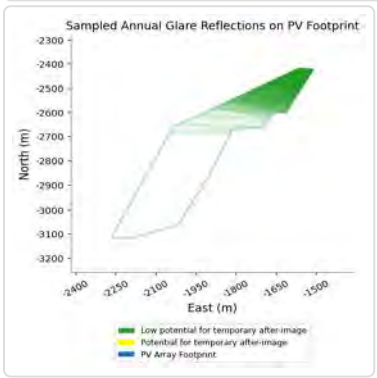
PV array is expected to produce the following glare for this receptor:

- 1,082 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





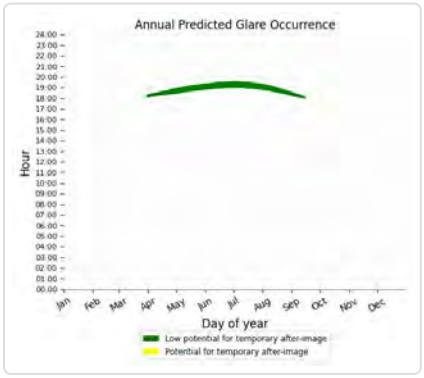


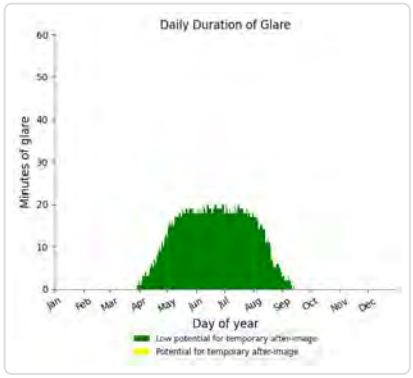


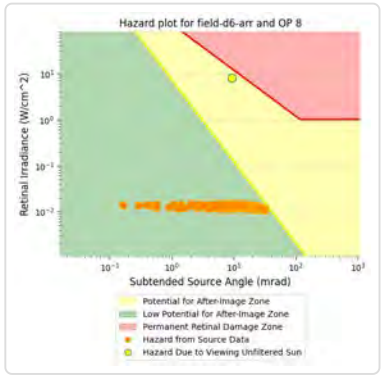
Field D6 Array: OP 8

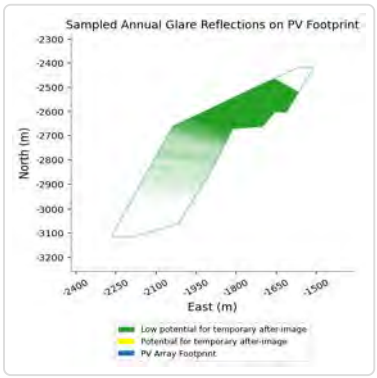
PV array is expected to produce the following glare for this receptor:

- 2,219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





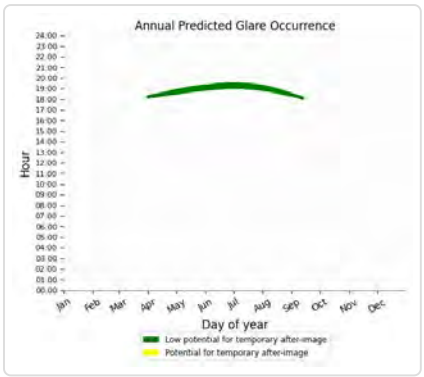


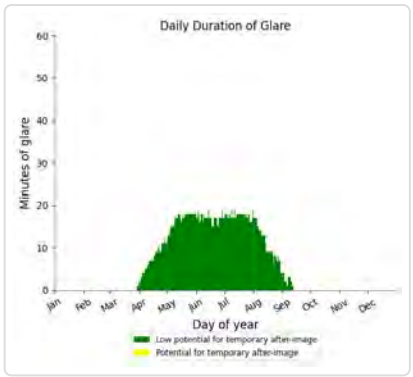


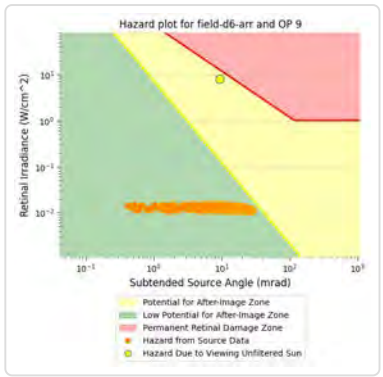
Field D6 Array: OP 9

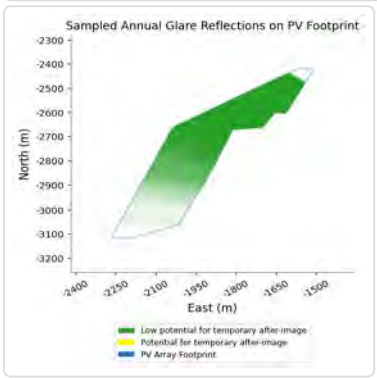
PV array is expected to produce the following glare for this receptor:

- 2,159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





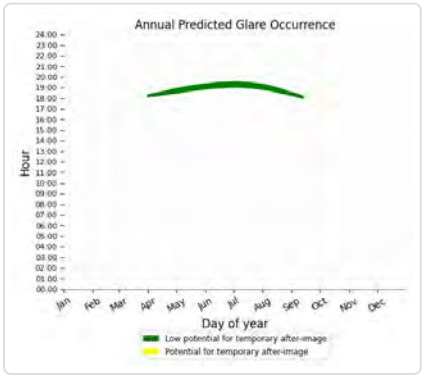


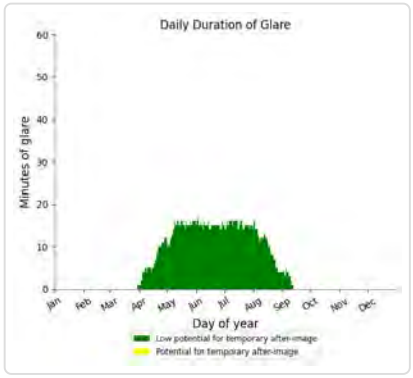


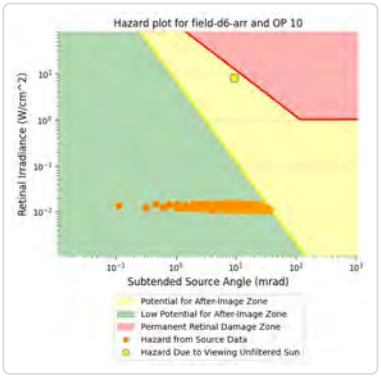
Field D6 Array: OP 10

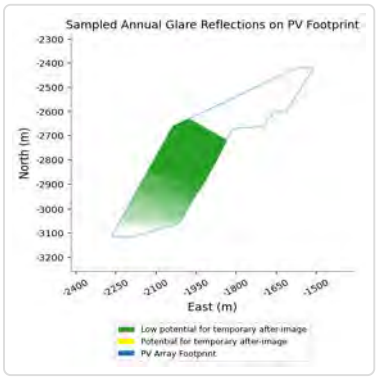
PV array is expected to produce the following glare for this receptor:

- 1,909 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





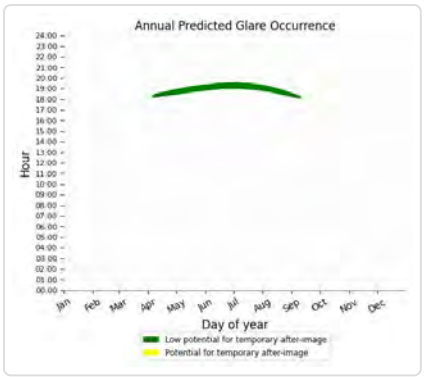




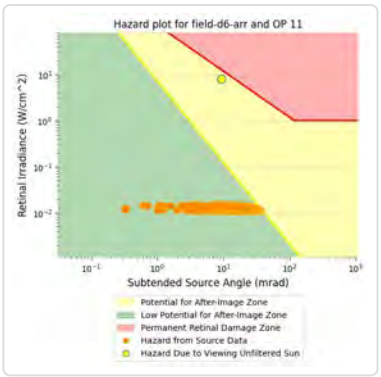
Field D6 Array: OP 11

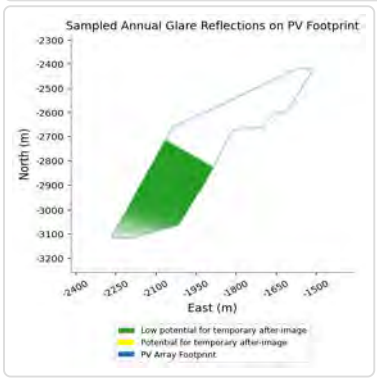
PV array is expected to produce the following glare for this receptor:

- 2,183 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





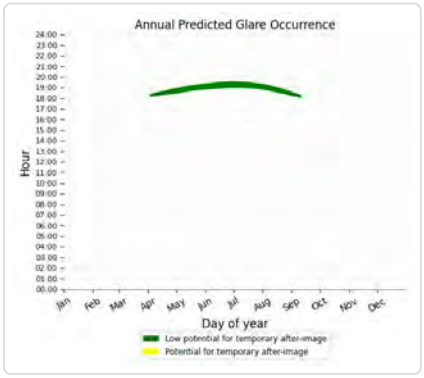


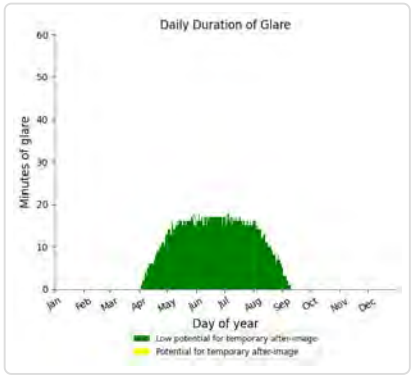


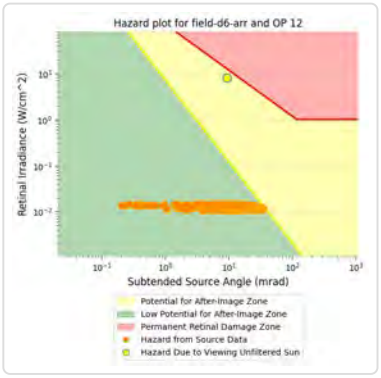
Field D6 Array: OP 12

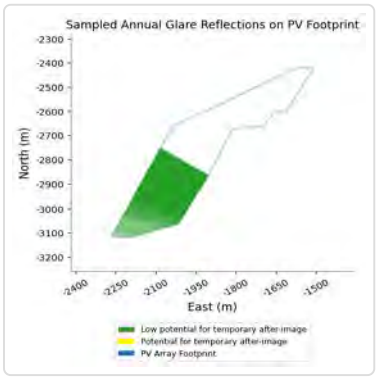
PV array is expected to produce the following glare for this receptor:

- 2,020 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





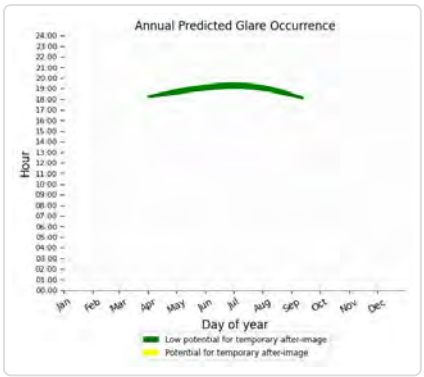


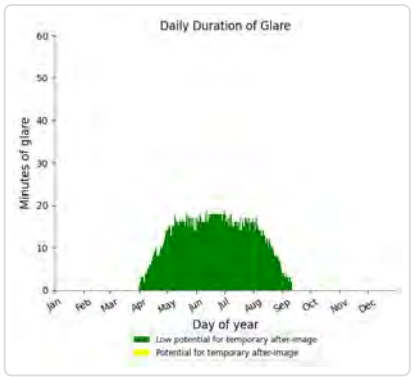


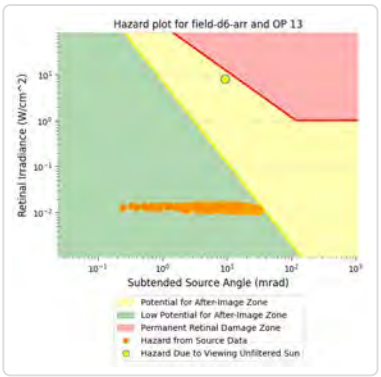
Field D6 Array: OP 13

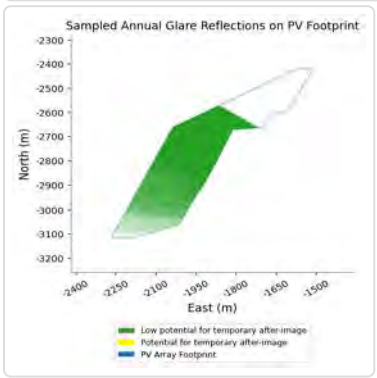
PV array is expected to produce the following glare for this receptor:

- 2,103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





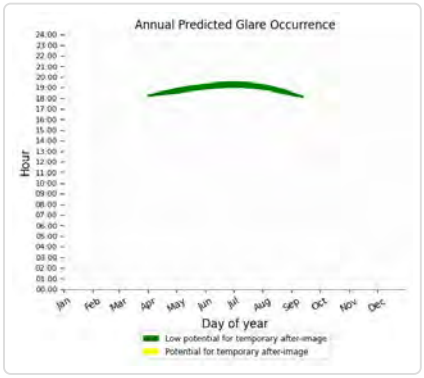


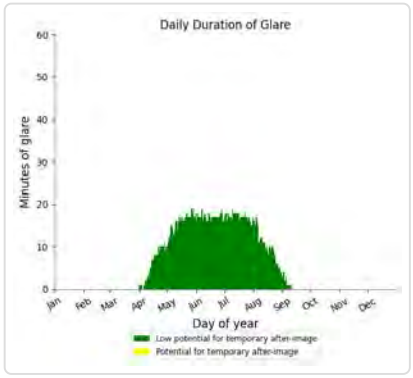


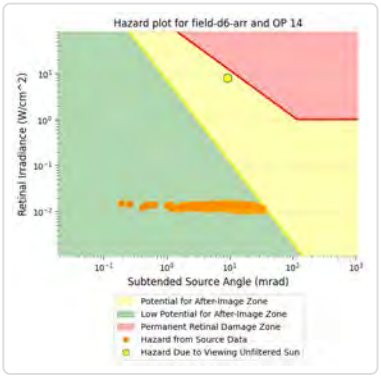
Field D6 Array: OP 14

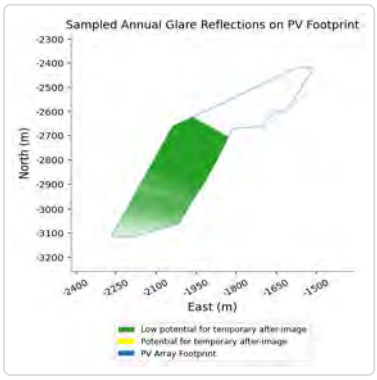
PV array is expected to produce the following glare for this receptor:

- 2,043 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





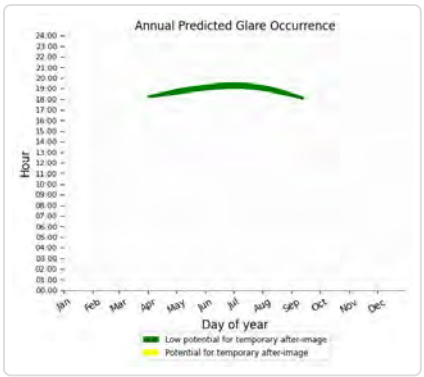


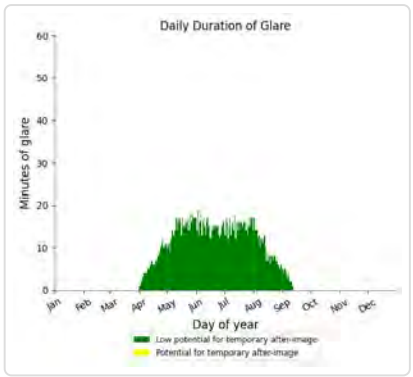


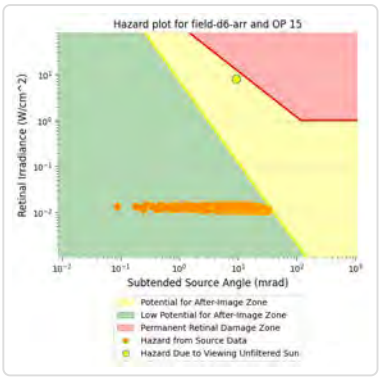
Field D6 Array: OP 15

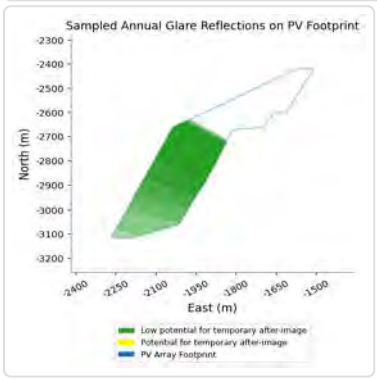
PV array is expected to produce the following glare for this receptor:

- 1,901 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





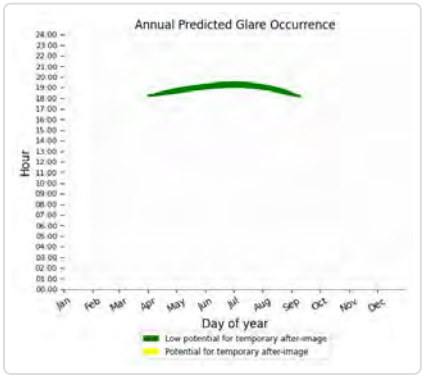


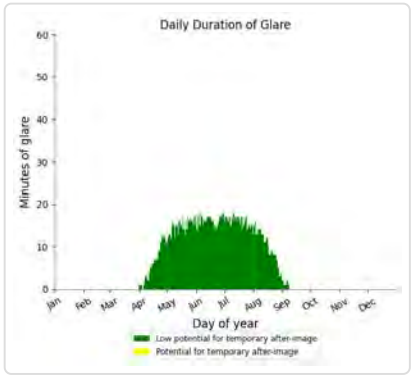


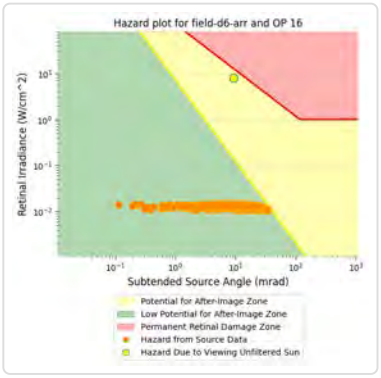
Field D6 Array: OP 16

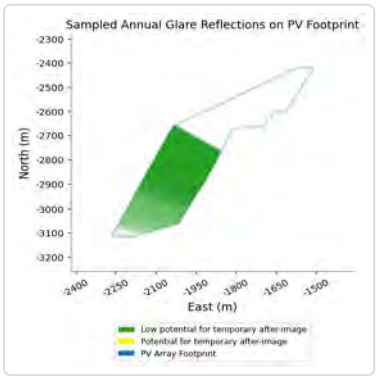
PV array is expected to produce the following glare for this receptor:

- 1,942 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





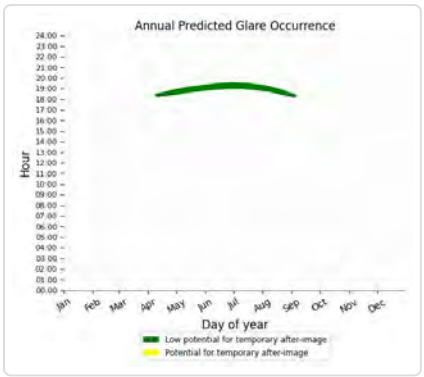


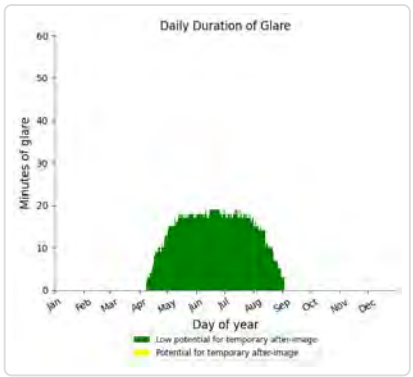


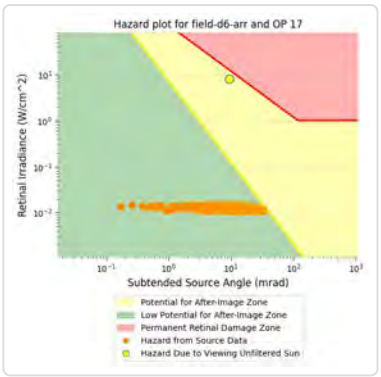
Field D6 Array: OP 17

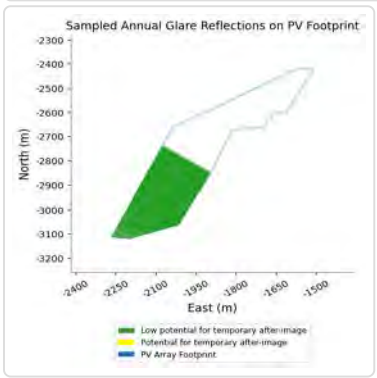
PV array is expected to produce the following glare for this receptor:

- 2,122 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





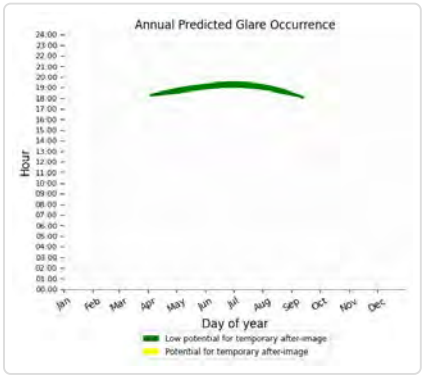


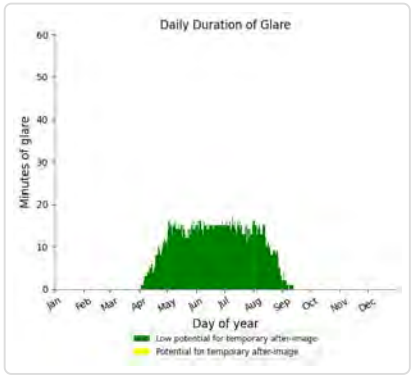


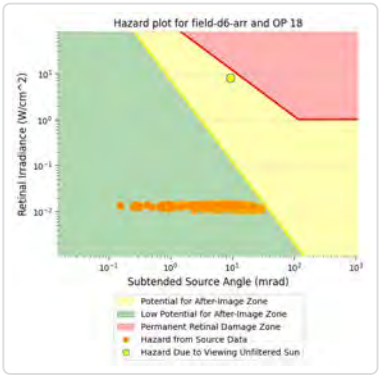
Field D6 Array: OP 18

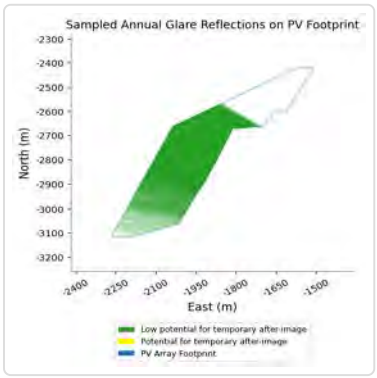
PV array is expected to produce the following glare for this receptor:

- 1,859 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





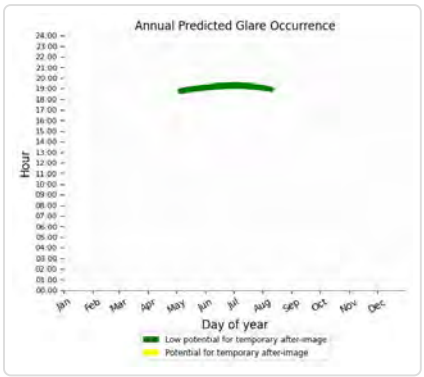


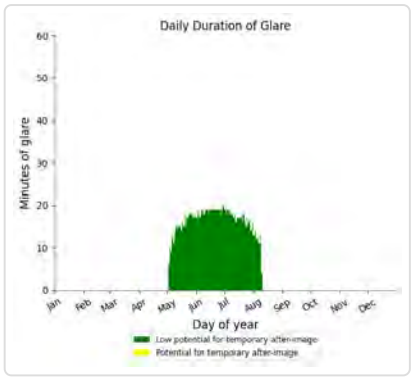


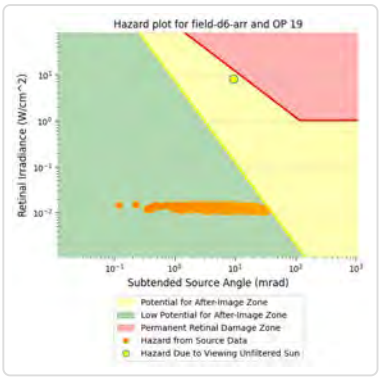
Field D6 Array: OP 19

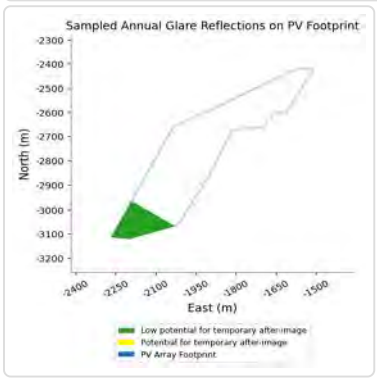
PV array is expected to produce the following glare for this receptor:

- 1,633 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





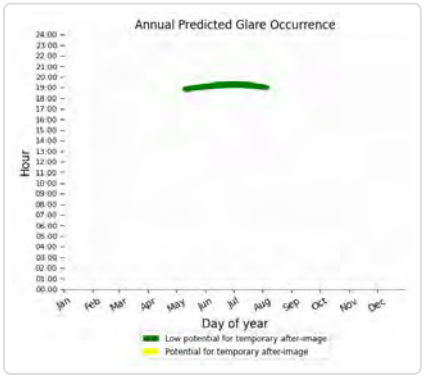


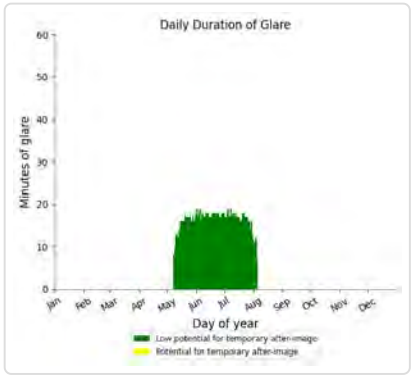


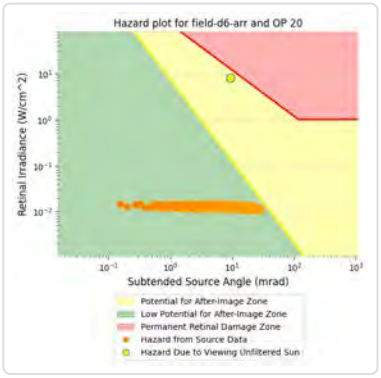
Field D6 Array: OP 20

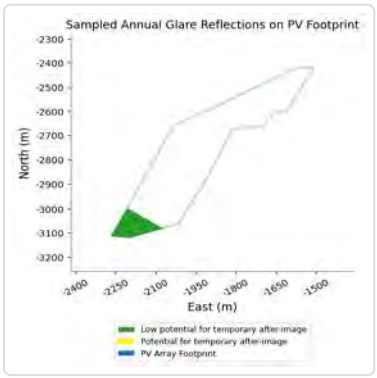
PV array is expected to produce the following glare for this receptor:

- 1,482 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





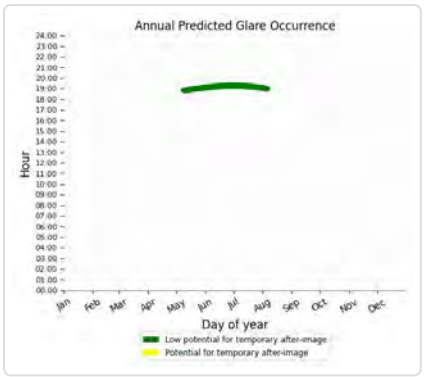


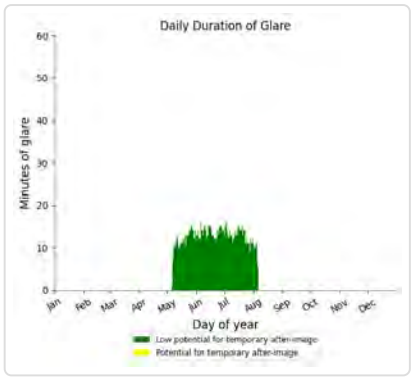


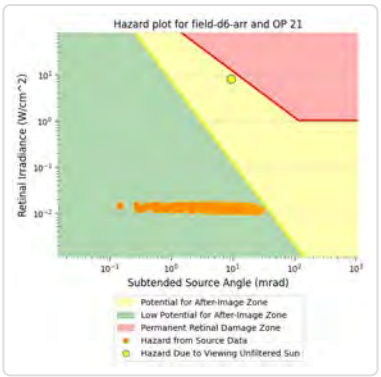
Field D6 Array: OP 21

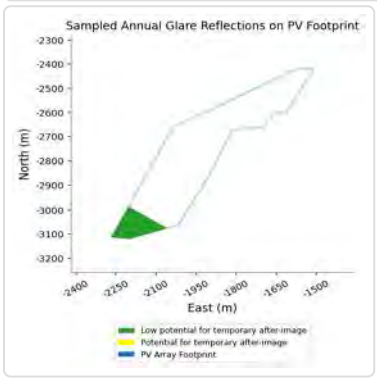
PV array is expected to produce the following glare for this receptor:

- 1,165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





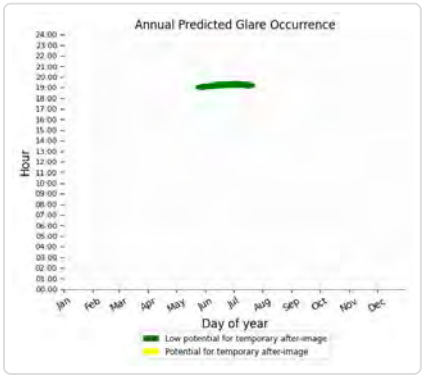


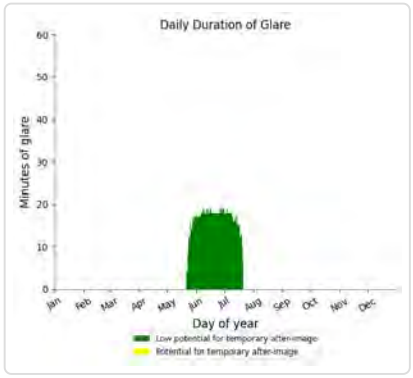


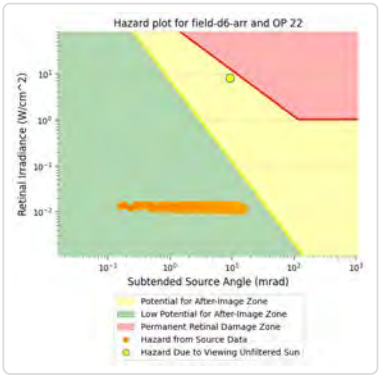
Field D6 Array: OP 22

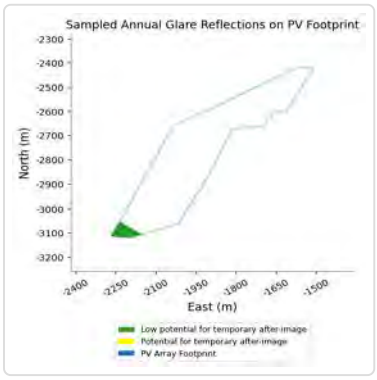
PV array is expected to produce the following glare for this receptor:

- 1,009 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





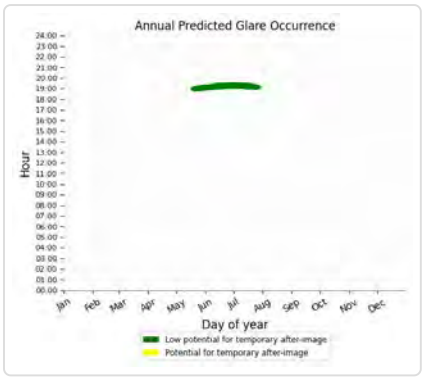


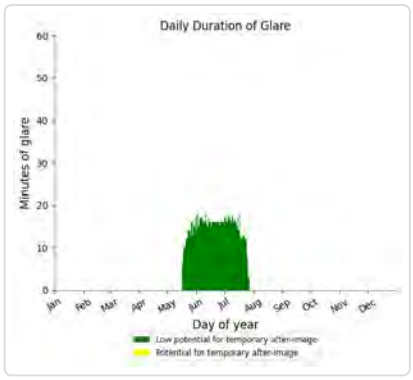


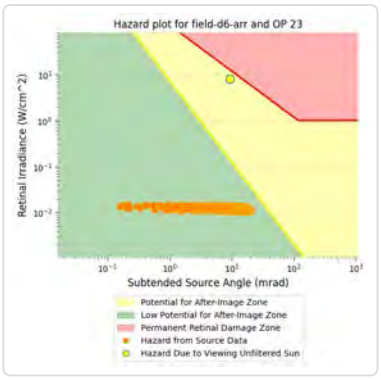
Field D6 Array: OP 23

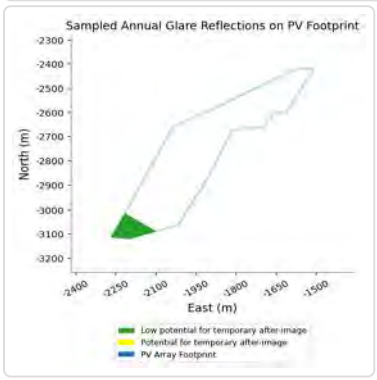
PV array is expected to produce the following glare for this receptor:

- 1,059 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





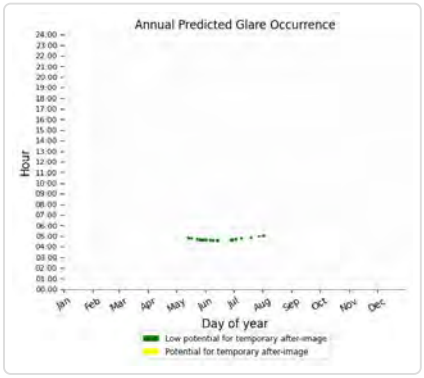


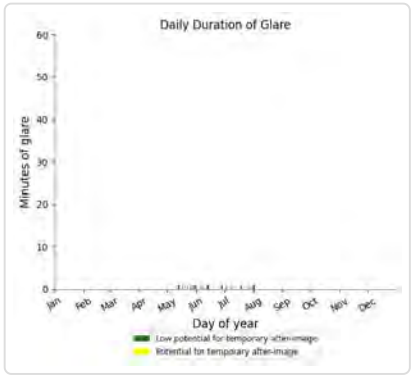


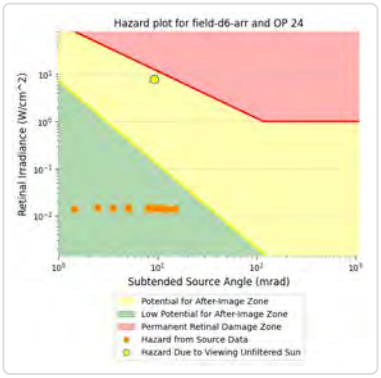
Field D6 Array: OP 24

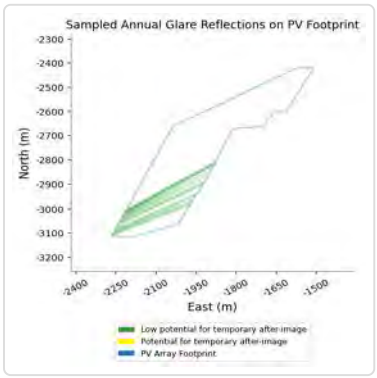
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





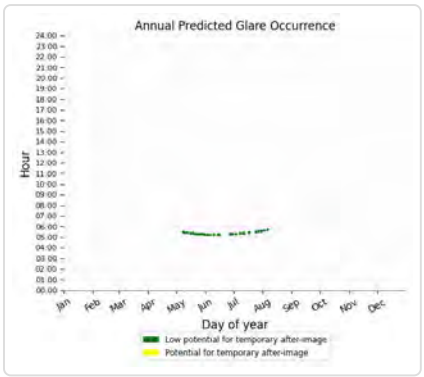




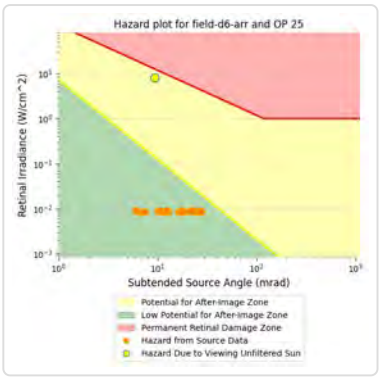
Field D6 Array: OP 25

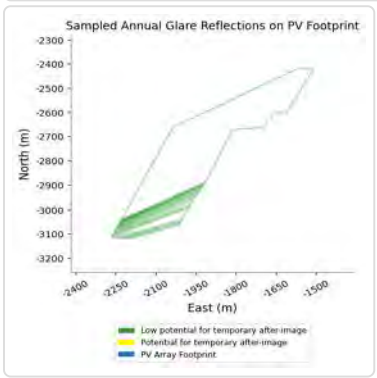
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





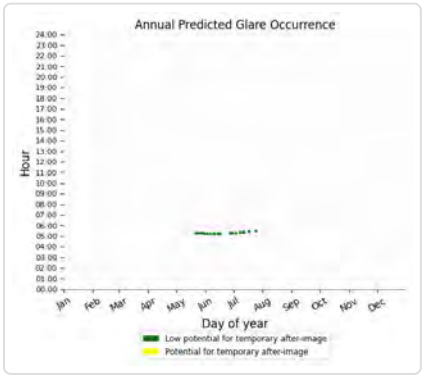


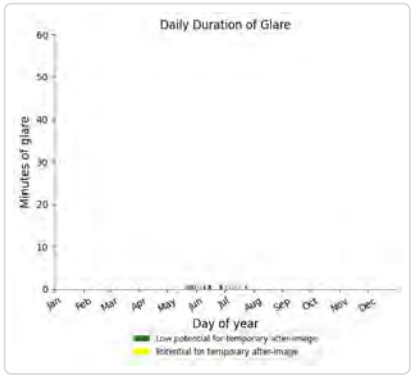


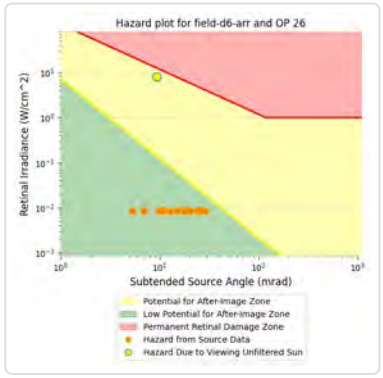
Field D6 Array: OP 26

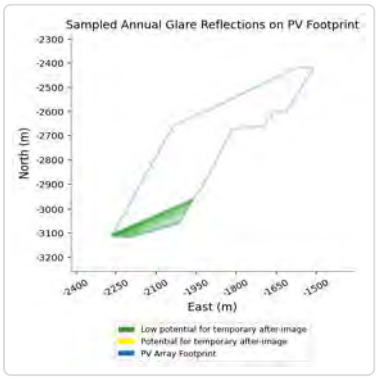
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 27

No glare found

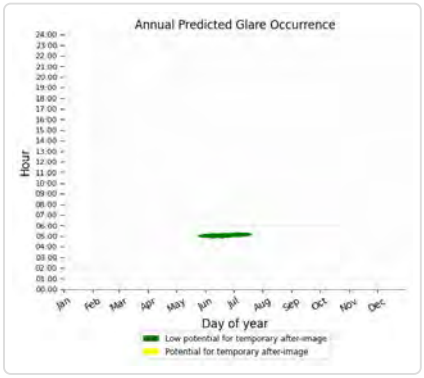
Field D6 Array: OP 28

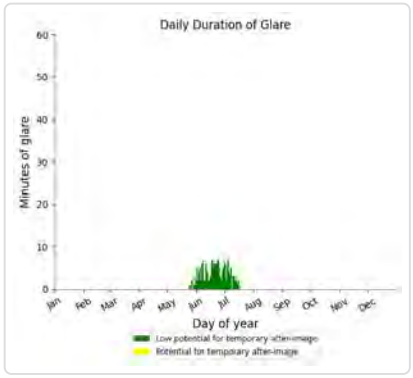
No glare found

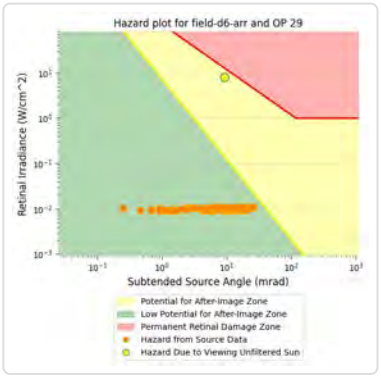
Field D6 Array: OP 29

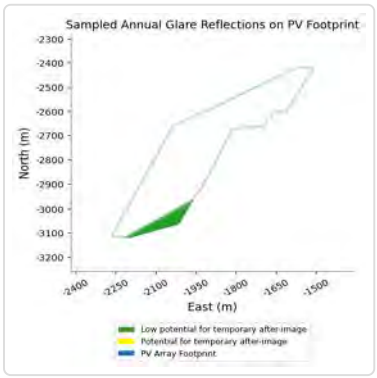
PV array is expected to produce the following glare for this receptor:

- 203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 30

No glare found

Field D6 Array: OP 31

No glare found

Field D6 Array: OP 32

No glare found

Field D6 Array: OP 33

No glare found

Field D6 Array: OP 34

No glare found

Field D6 Array: OP 35

No glare found

Field D6 Array: OP 36

No glare found

Field D6 Array: OP 37

No glare found

Field D6 Array: OP 38

No glare found

Field D6 Array: OP 39

No glare found

Field D6 Array: OP 40

No glare found

Field D6 Array: OP 41

No glare found

Field D6 Array: OP 42

No glare found

Field D6 Array: OP 43

No glare found

Field D6 Array: OP 44

No glare found

Field D6 Array: OP 45

No glare found

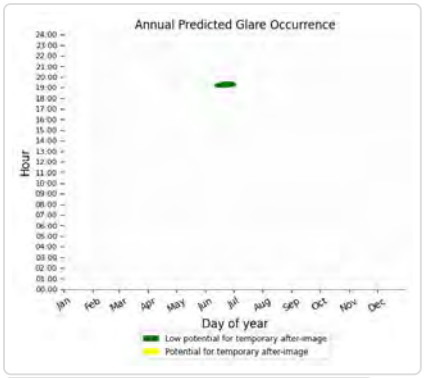
Field D6 Array: OP 46

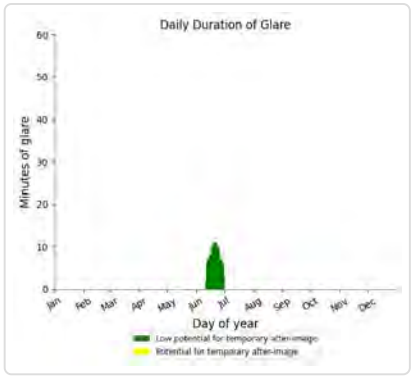
No glare found

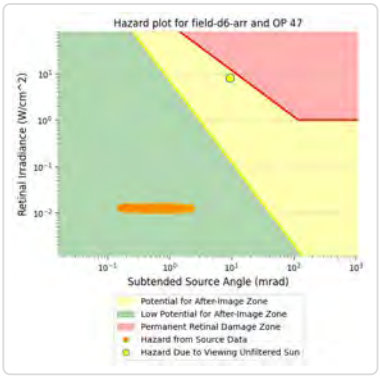
Field D6 Array: OP 47

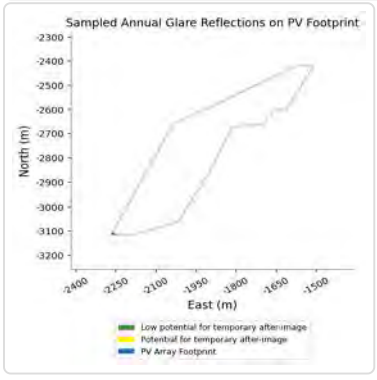
PV array is expected to produce the following glare for this receptor:

- 173 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 48

No glare found

Field D6 Array: OP 49

No glare found

Field D6 Array: OP 50

No glare found

Field D6 Array: OP 51

No glare found

Field D6 Array: OP 52

No glare found

Field D7 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	386	0
OP: OP 6	1798	0
OP: OP 7	2610	20
OP: OP 8	2000	0
OP: OP 9	1936	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	19	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0

OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

Field D7 Array: OP 1

No glare found

Field D7 Array: OP 2

No glare found

Field D7 Array: OP 3

No glare found

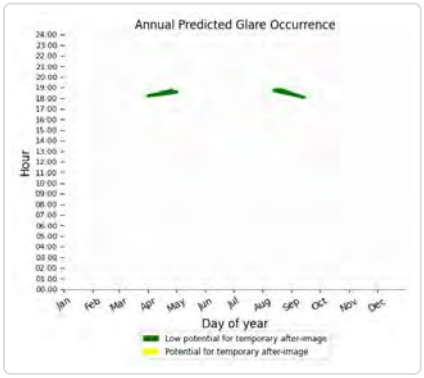
Field D7 Array: OP 4

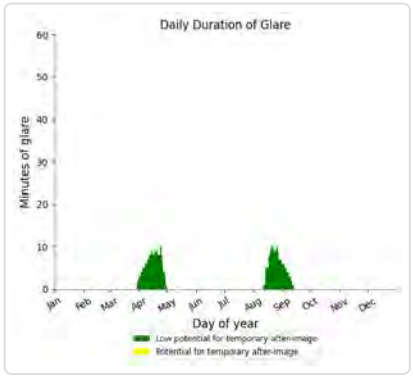
No glare found

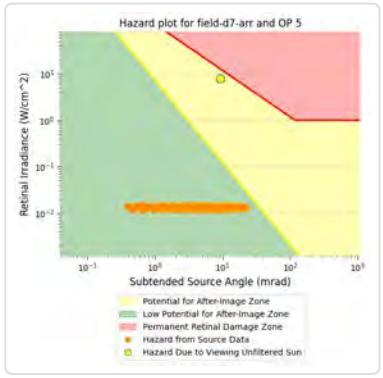
Field D7 Array: OP 5

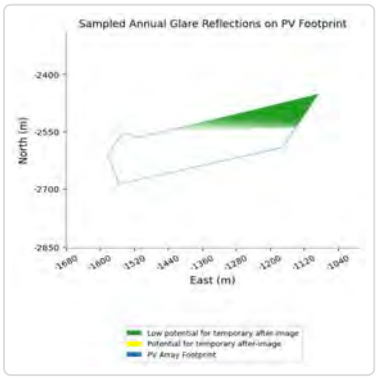
PV array is expected to produce the following glare for this receptor:

- 386 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





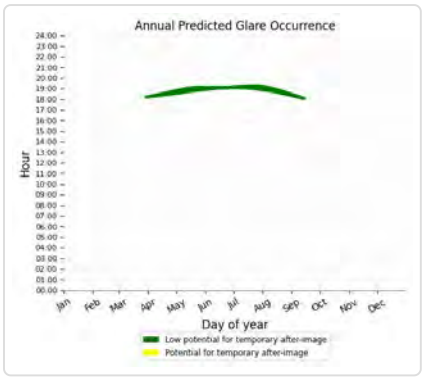




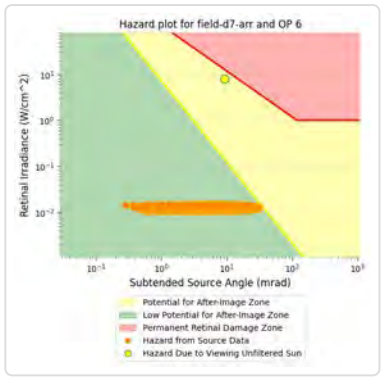
Field D7 Array: OP 6

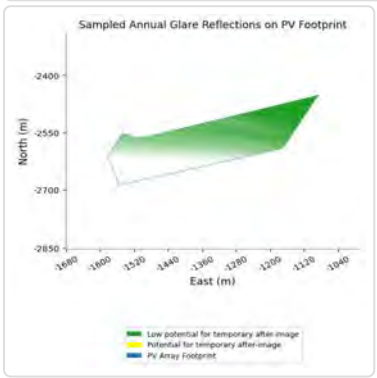
PV array is expected to produce the following glare for this receptor:

- 1,798 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





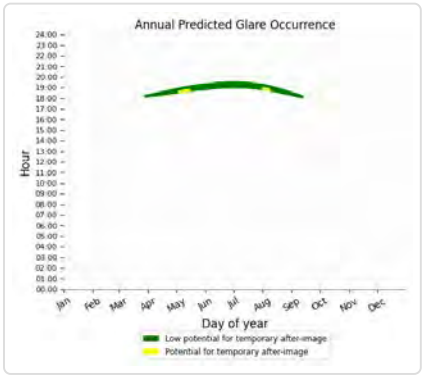


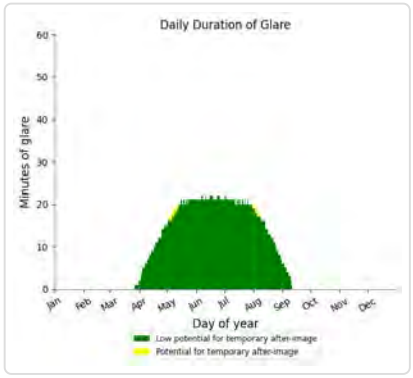


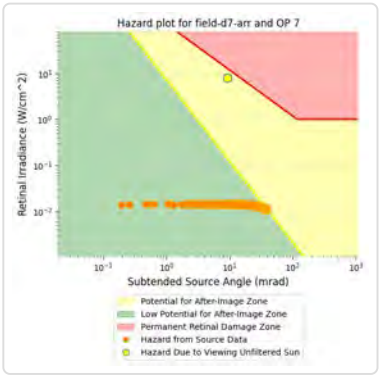
Field D7 Array: OP 7

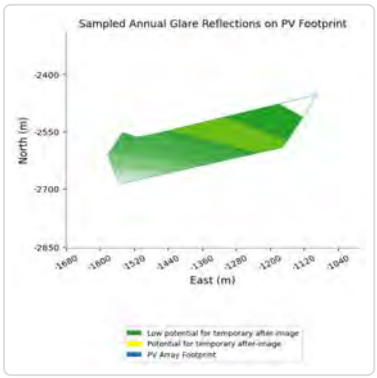
PV array is expected to produce the following glare for this receptor:

- 2,610 minutes of "green" glare with low potential to cause temporary after-image.
- 20 minutes of "yellow" glare with potential to cause temporary after-image.





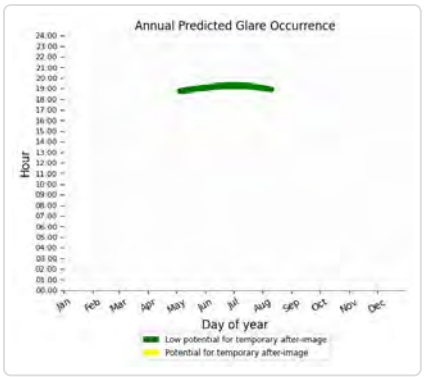


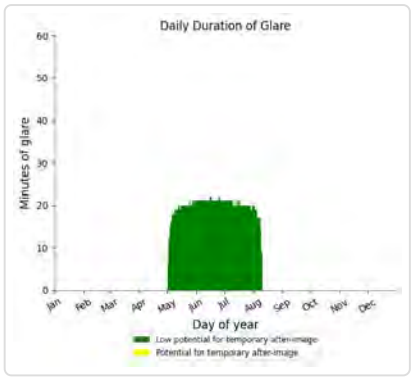


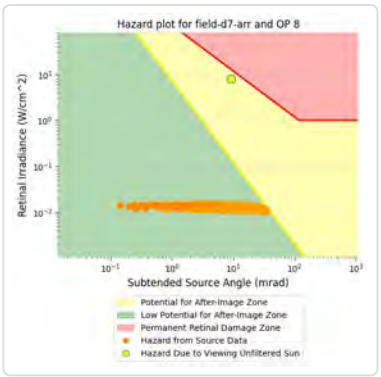
Field D7 Array: OP 8

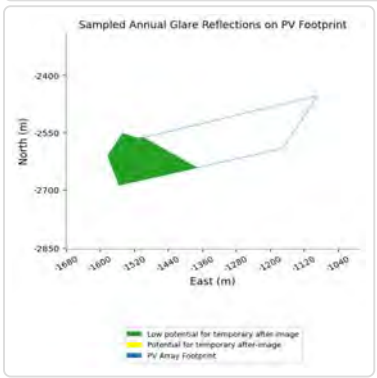
PV array is expected to produce the following glare for this receptor:

- 2,000 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





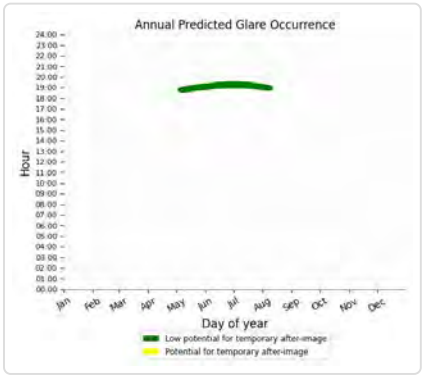


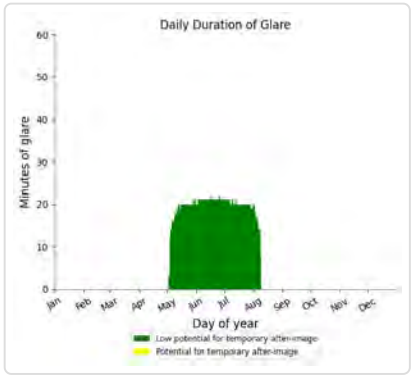


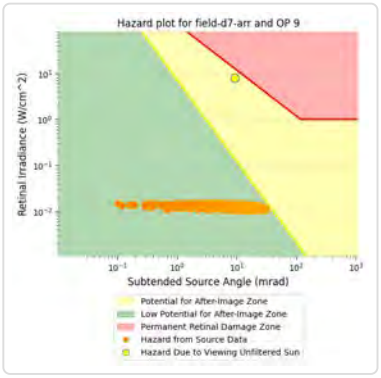
Field D7 Array: OP 9

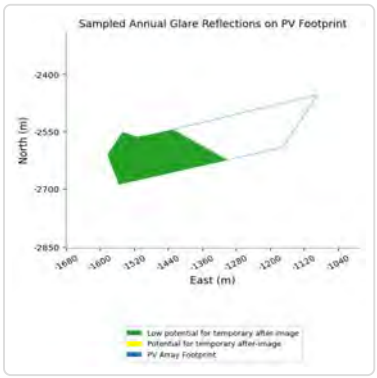
PV array is expected to produce the following glare for this receptor:

- 1,936 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 10

No glare found

Field D7 Array: OP 11

No glare found

Field D7 Array: OP 12

No glare found

Field D7 Array: OP 13

No glare found

Field D7 Array: OP 14

No glare found

Field D7 Array: OP 15

No glare found

Field D7 Array: OP 16

No glare found

Field D7 Array: OP 17

No glare found

Field D7 Array: OP 18

No glare found

Field D7 Array: OP 19

No glare found

Field D7 Array: OP 20

No glare found

Field D7 Array: OP 21

No glare found

Field D7 Array: OP 22

No glare found

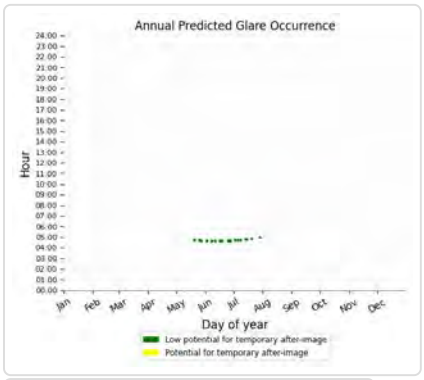
Field D7 Array: OP 23

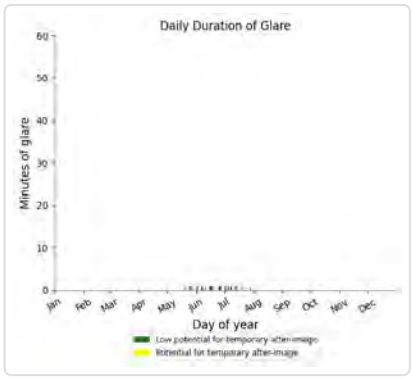
No glare found

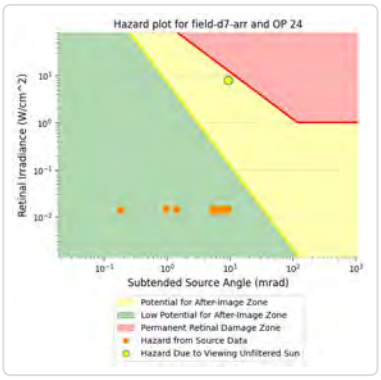
Field D7 Array: OP 24

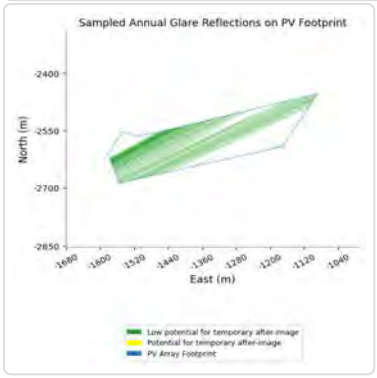
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 25

No glare found

Field D7 Array: OP 26

No glare found

Field D7 Array: OP 27

No glare found

Field D7 Array: OP 28

No glare found

Field D7 Array: OP 29

No glare found

Field D7 Array: OP 30

No glare found

Field D7 Array: OP 31

No glare found

Field D7 Array: OP 32

No glare found

Field D7 Array: OP 33

No glare found

Field D7 Array: OP 34

No glare found

Field D7 Array: OP 35

No glare found

Field D7 Array: OP 36

No glare found

Field D7 Array: OP 37

No glare found

Field D7 Array: OP 38

No glare found

Field D7 Array: OP 39

No glare found

Field D7 Array: OP 40

No glare found

Field D7 Array: OP 41

No glare found

Field D7 Array: OP 42

No glare found

Field D7 Array: OP 43

No glare found

Field D7 Array: OP 44

No glare found

Field D7 Array: OP 45

No glare found

Field D7 Array: OP 46

No glare found

Field D7 Array: OP 47

No glare found

Field D7 Array: OP 48

No glare found

Field D7 Array: OP 49

No glare found

Field D7 Array: OP 50

No glare found

Field D7 Array: OP 51

No glare found

Field D7 Array: OP 52

No glare found

Field D8 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	1146	0
OP: OP 9	1268	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0

OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

Field D8 Array: OP 1

No glare found

Field D8 Array: OP 2

No glare found

Field D8 Array: OP 3

No glare found

Field D8 Array: OP 4

No glare found

Field D8 Array: OP 5

No glare found

Field D8 Array: OP 6

No glare found

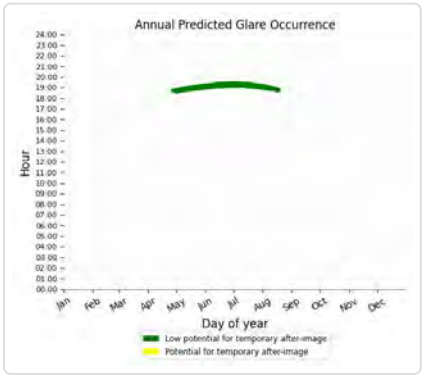
Field D8 Array: OP 7

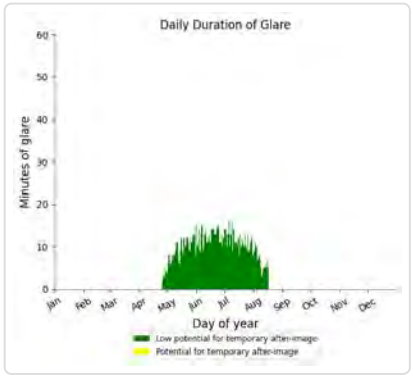
No glare found

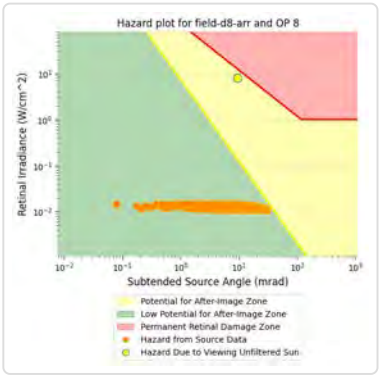
Field D8 Array: OP 8

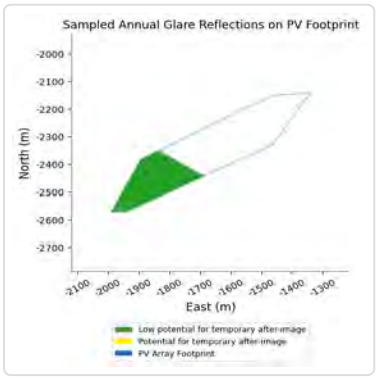
PV array is expected to produce the following glare for this receptor:

- 1,146 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





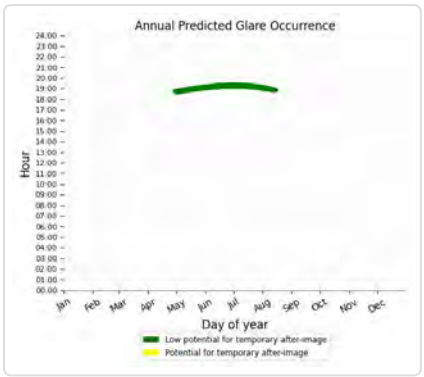


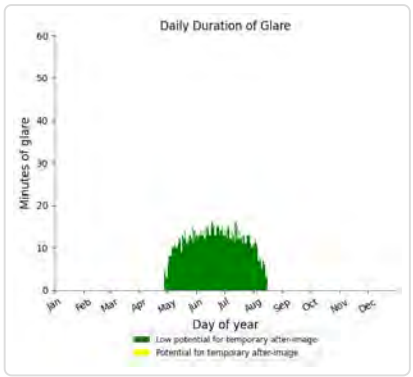


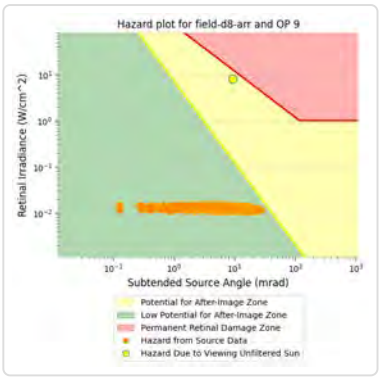
Field D8 Array: OP 9

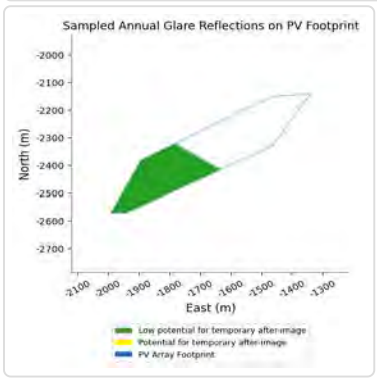
PV array is expected to produce the following glare for this receptor:

- 1,268 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 10

No glare found

Field D8 Array: OP 11

No glare found

Field D8 Array: OP 12

No glare found

Field D8 Array: OP 13

No glare found

Field D8 Array: OP 14

No glare found

Field D8 Array: OP 15

No glare found

Field D8 Array: OP 16

No glare found

Field D8 Array: OP 17

No glare found

Field D8 Array: OP 18

No glare found

Field D8 Array: OP 19

No glare found

Field D8 Array: OP 20

No glare found

Field D8 Array: OP 21

No glare found

Field D8 Array: OP 22

No glare found

Field D8 Array: OP 23

No glare found

Field D8 Array: OP 24

No glare found

Field D8 Array: OP 25

No glare found

Field D8 Array: OP 26

No glare found

Field D8 Array: OP 27

No glare found

Field D8 Array: OP 28

No glare found

Field D8 Array: OP 29

No glare found

Field D8 Array: OP 30

No glare found

Field D8 Array: OP 31

No glare found

Field D8 Array: OP 32

No glare found

Field D8 Array: OP 33

No glare found

Field D8 Array: OP 34

No glare found

Field D8 Array: OP 35

No glare found

Field D8 Array: OP 36

No glare found

Field D8 Array: OP 37

No glare found

Field D8 Array: OP 38

No glare found

Field D8 Array: OP 39

No glare found

Field D8 Array: OP 40

No glare found

Field D8 Array: OP 41

No glare found

Field D8 Array: OP 42

No glare found

Field D8 Array: OP 43

No glare found

Field D8 Array: OP 44

No glare found

Field D8 Array: OP 45

No glare found

Field D8 Array: OP 46

No glare found

Field D8 Array: OP 47

No glare found

Field D8 Array: OP 48

No glare found

Field D8 Array: OP 49

No glare found

Field D8 Array: OP 50

No glare found

Field D8 Array: OP 51

No glare found

Field D8 Array: OP 52

No glare found

Field D9 Array low potential for temporary after-image

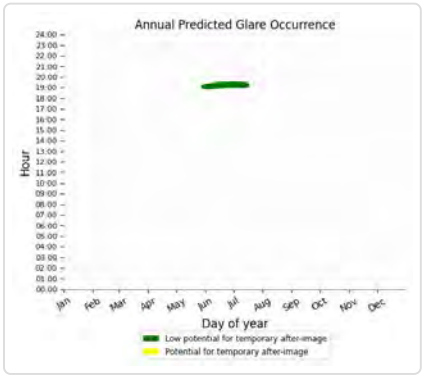
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	692	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0

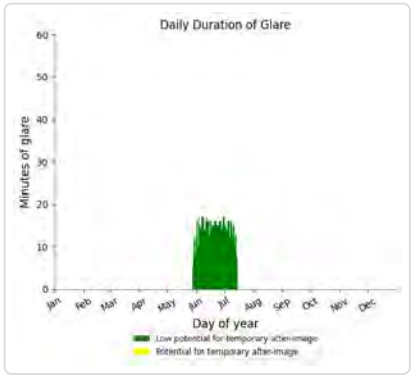
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

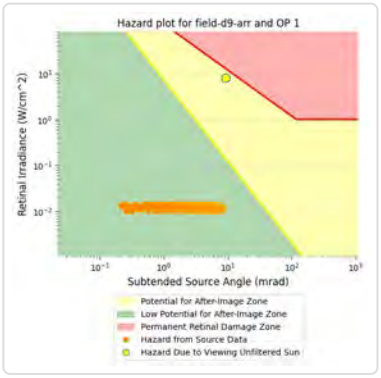
Field D9 Array: OP 1

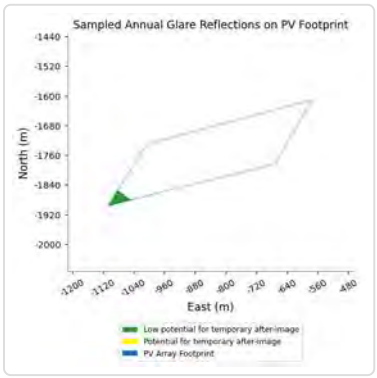
PV array is expected to produce the following glare for this receptor:

- 692 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 2

No glare found

Field D9 Array: OP 3

No glare found

Field D9 Array: OP 4

No glare found

Field D9 Array: OP 5

No glare found

Field D9 Array: OP 6

No glare found

Field D9 Array: OP 7

No glare found

Field D9 Array: OP 8

No glare found

Field D9 Array: OP 9

No glare found

Field D9 Array: OP 10

No glare found

Field D9 Array: OP 11

No glare found

Field D9 Array: OP 12

No glare found

Field D9 Array: OP 13

No glare found

Field D9 Array: OP 14

No glare found

Field D9 Array: OP 15

No glare found

Field D9 Array: OP 16

No glare found

Field D9 Array: OP 17

No glare found

Field D9 Array: OP 18

No glare found

Field D9 Array: OP 19

No glare found

Field D9 Array: OP 20

No glare found

Field D9 Array: OP 21

No glare found

Field D9 Array: OP 22

No glare found

Field D9 Array: OP 23

No glare found

Field D9 Array: OP 24

No glare found

Field D9 Array: OP 25

No glare found

Field D9 Array: OP 26

No glare found

Field D9 Array: OP 27

No glare found

Field D9 Array: OP 28

No glare found

Field D9 Array: OP 29

No glare found

Field D9 Array: OP 30

No glare found

Field D9 Array: OP 31

No glare found

Field D9 Array: OP 32

No glare found

Field D9 Array: OP 33

No glare found

Field D9 Array: OP 34

No glare found

Field D9 Array: OP 35

No glare found

Field D9 Array: OP 36

No glare found

Field D9 Array: OP 37

No glare found

Field D9 Array: OP 38

No glare found

Field D9 Array: OP 39

No glare found

Field D9 Array: OP 40

No glare found

Field D9 Array: OP 41

No glare found

Field D9 Array: OP 42

No glare found

Field D9 Array: OP 43

No glare found

Field D9 Array: OP 44

No glare found

Field D9 Array: OP 45

No glare found

Field D9 Array: OP 46

No glare found

Field D9 Array: OP 47

No glare found

Field D9 Array: OP 48

No glare found

Field D9 Array: OP 49

No glare found

Field D9 Array: OP 50

No glare found

Field D9 Array: OP 51

No glare found

Field D9 Array: OP 52

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Annex D: Residential Receptor Glare Results East Group A 25 Degrees

Meridian Solar Farm East

Meridian East Residential Group A 25 Degrees

Created Jun 19, 2025
Updated Aug 22, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 152395.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	25.0	180.0	974	0	-
Field D1A-B Array	25.0	180.0	3,377	176	-
Field D1C Array	25.0	180.0	16,685	2,668	-
Field D2 Array	25.0	180.0	5,471	3,717	-
Field D3 Array	25.0	180.0	13,091	1,052	-
Field D5 Array	25.0	180.0	9,061	982	-
Field D6 Array	25.0	180.0	6,430	5,232	-
Field D7 Array	25.0	180.0	4,564	167	-
Field D8 Array	25.0	180.0	384	0	-
Field D9 Array	25.0	180.0	177	0	-

Component Data

PV Array(s)

Total PV footprint area: 2,376,330 m^2

Name: Field D10 Array
Footprint area: 136,997 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726259	0.005112	1.64	4.30	5.94
2	52.726278	0.006185	1.44	4.30	5.74
3	52.727286	0.012204	0.92	4.30	5.22
4	52.729988	0.014978	1.57	4.30	5.87
5	52.729972	0.013604	1.82	4.30	6.12
6	52.729287	0.008213	1.63	4.30	5.93

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,693 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734154	0.018167	1.76	4.30	6.06
7	52.734140	0.016692	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 418,437 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721756	0.006723	2.04	4.30	6.34
5	52.721757	0.005893	1.47	4.30	5.77
6	52.722095	0.005820	1.64	4.30	5.94
7	52.722304	0.007261	2.17	4.30	6.47
8	52.723463	0.008448	2.13	4.30	6.43
9	52.723519	0.007325	1.58	4.30	5.88
10	52.723969	0.007612	1.68	4.30	5.98
11	52.724636	0.009601	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724967	0.003604	1.83	4.30	6.13
18	52.724488	0.004009	1.22	4.30	5.52
19	52.722896	0.002303	1.46	4.30	5.76
20	52.722764	0.001578	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 840,027 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708686	-0.019663	1.33	4.30	5.63
2	52.708319	-0.017288	1.31	4.30	5.61
3	52.707808	-0.017192	0.84	4.30	5.14
4	52.707812	-0.016135	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.22
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004795	1.86	4.30	6.16
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.88	4.30	6.18
17	52.720130	-0.003470	2.02	4.30	6.32
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.47	4.30	5.77
20	52.722492	0.000693	1.20	4.30	5.50
21	52.722443	-0.000179	1.29	4.30	5.59
22	52.722955	-0.000421	1.30	4.30	5.60
23	52.723331	0.001435	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 266,768 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702729	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700074	-0.021064	1.99	4.30	6.29
8	52.699607	-0.020661	2.06	4.30	6.36
9	52.698983	-0.020534	2.35	4.30	6.65
10	52.698898	-0.022037	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,273 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700888	-0.022747	2.61	4.30	6.91
2	52.702248	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698735	-0.024699	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,243 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702107	-0.017912	2.45	4.30	6.75
2	52.702803	-0.018298	1.02	4.30	5.32
3	52.703316	-0.017777	0.77	4.30	5.07
4	52.703212	-0.017257	0.95	4.30	5.25
5	52.703303	-0.016592	1.08	4.30	5.38
6	52.704207	-0.010991	2.29	4.30	6.59
7	52.702972	-0.012215	2.24	4.30	6.54

Name: Field D8 Array
Footprint area: 93,260 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

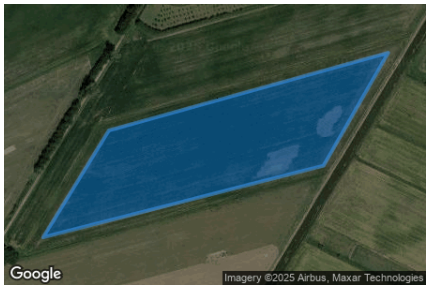
Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703154	-0.024327	1.81	4.30	6.11
2	52.703160	-0.023576	1.61	4.30	5.91
3	52.705332	-0.016538	2.05	4.30	6.35
4	52.707009	-0.014736	1.57	4.30	5.87
5	52.706937	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60

Name: Field D9 Array
Footprint area: 61,777 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709225	-0.011260	1.62	4.30	5.92
2	52.710707	-0.009758	1.07	4.30	5.37
3	52.711786	-0.003363	1.62	4.30	5.92
4	52.710220	-0.004844	1.86	4.30	6.16

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	52.733927	-0.011430	2.87	2.00	4.87
OP 2	52.731968	-0.018893	3.62	2.00	5.62
OP 3	52.730889	-0.018153	2.91	2.00	4.91
OP 4	52.729954	-0.017906	3.48	2.00	5.48
OP 5	52.728784	-0.018539	3.93	2.00	5.93
OP 6	52.727010	-0.018893	4.13	2.00	6.13
OP 7	52.729389	-0.011520	2.75	2.00	4.75
OP 8	52.727056	-0.011418	4.16	2.00	6.16
OP 9	52.726628	-0.011171	4.90	2.00	6.90
OP 10	52.723124	-0.012860	4.83	2.00	6.83
OP 11	52.722354	-0.012522	4.01	2.00	6.01
OP 12	52.722167	-0.012986	3.12	2.00	5.12
OP 13	52.734790	0.023753	2.68	2.00	4.68
OP 14	52.733965	0.021746	4.40	2.00	6.40
OP 15	52.732977	0.021489	3.55	2.00	5.55
OP 16	52.731256	0.022626	3.01	2.00	5.01
OP 17	52.730002	0.025255	2.80	2.00	4.80
OP 18	52.730190	0.025587	3.28	2.00	5.28
OP 19	52.730859	0.027787	2.74	2.00	4.74
OP 20	52.731516	0.028098	2.47	2.00	4.47
OP 21	52.730677	0.014129	3.54	2.00	5.54
OP 22	52.724558	0.013516	3.35	2.00	5.35
OP 23	52.723141	0.012271	3.62	2.00	5.62
OP 24	52.722498	0.017528	3.19	2.00	5.19
OP 25	52.720296	0.009150	3.49	2.00	5.49
OP 26	52.714750	-0.029313	4.28	2.00	6.28
OP 27	52.710974	-0.032942	3.64	2.00	5.64
OP 28	52.707628	-0.034575	1.68	2.00	3.68
OP 29	52.707436	-0.034800	3.47	2.00	5.47
OP 30	52.707072	-0.035095	3.64	2.00	5.64
OP 31	52.705473	-0.036318	3.62	2.00	5.62
OP 32	52.704511	-0.037112	4.00	2.00	6.00
OP 33	52.703750	-0.038400	3.76	2.00	5.76
OP 34	52.711571	-0.021526	4.17	2.00	6.17
OP 35	52.700600	-0.039835	2.94	2.00	4.94
OP 36	52.697539	-0.042979	3.17	2.00	5.17
OP 37	52.696706	-0.042689	3.51	2.00	5.51
OP 38	52.702553	-0.030742	3.45	2.00	5.45
OP 39	52.702225	-0.030935	4.12	2.00	6.12
OP 40	52.701363	-0.030909	3.50	2.00	5.50
OP 41	52.700645	-0.032030	4.26	2.00	6.26
OP 42	52.699913	-0.032963	4.27	2.00	6.27
OP 43	52.698899	-0.033816	3.55	2.00	5.55
OP 44	52.698522	-0.034235	3.66	2.00	5.66
OP 45	52.698129	-0.034615	3.30	2.00	5.30
OP 46	52.697748	-0.033736	3.20	2.00	5.20
OP 47	52.697436	-0.033999	3.74	2.00	5.74
OP 48	52.702126	-0.019495	4.14	2.00	6.14
OP 49	52.701521	-0.019468	4.38	2.00	6.38
OP 50	52.701274	-0.019763	4.80	2.00	6.80
OP 51	52.699103	-0.022772	4.39	2.00	6.39
OP 52	52.694381	-0.026736	3.94	2.00	5.94
OP 53	52.692557	-0.027386	3.76	2.00	5.76
OP 54	52.713800	-0.006633	3.54	2.00	5.54
OP 55	52.712233	0.003458	4.07	2.00	6.07
OP 56	52.711990	0.003077	4.12	2.00	6.12
OP 57	52.710924	0.002095	4.60	2.00	6.60
OP 58	52.712109	0.013170	3.70	2.00	5.70
OP 59	52.711986	0.013170	3.99	2.00	5.99
OP 60	52.711778	0.013105	3.45	2.00	5.45

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	25.0	180.0	974	0	-	-
Field D1A-B Array	25.0	180.0	3,377	176	-	-
Field D1C Array	25.0	180.0	16,685	2,668	-	-
Field D2 Array	25.0	180.0	5,471	3,717	-	-
Field D3 Array	25.0	180.0	13,091	1,052	-	-
Field D5 Array	25.0	180.0	9,061	982	-	-
Field D6 Array	25.0	180.0	6,430	5,232	-	-
Field D7 Array	25.0	180.0	4,564	167	-	-
Field D8 Array	25.0	180.0	384	0	-	-
Field D9 Array	25.0	180.0	177	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d10-ar (green)	0	0	3	26	210	351	303	41	26	0	0	0
field-d10-ar (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d1a-b (green)	0	0	2	192	386	373	428	258	35	0	0	0
field-d1a-b (yellow)	0	0	0	5	6	4	5	9	1	0	0	0
field-d1c-ar (green)	0	0	159	814	938	830	926	912	403	0	0	0
field-d1c-ar (yellow)	0	0	0	0	1	2	2	2	0	0	0	0
field-d2-arr (green)	0	0	78	386	168	197	153	330	206	0	0	0
field-d2-arr (yellow)	0	0	0	136	268	165	248	212	9	0	0	0
field-d3-arr (green)	0	0	222	898	900	934	908	920	536	0	0	0
field-d3-arr (yellow)	0	0	1	85	61	72	53	101	14	0	0	0
field-d5-arr (green)	0	0	162	562	462	284	299	623	351	0	0	0
field-d5-arr (yellow)	0	0	2	157	84	57	94	150	35	0	0	0
field-d6-arr (green)	0	0	54	536	410	383	379	515	221	0	0	0
field-d6-arr (yellow)	0	0	0	265	473	486	498	409	31	0	0	0
field-d7-arr (green)	0	0	150	410	458	255	373	467	299	0	0	0
field-d7-arr (yellow)	0	0	0	7	18	83	40	6	0	0	0	0
field-d8-arr (green)	0	0	0	5	90	140	128	21	0	0	0	0
field-d8-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d9-arr (green)	0	0	47	25	0	0	0	0	75	0	0	0
field-d9-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0

OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	55	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	886	0
OP: OP 23	0	0
OP: OP 24	33	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0

OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D10 Array: OP 1

No glare found

Field D10 Array: OP 2

No glare found

Field D10 Array: OP 3

No glare found

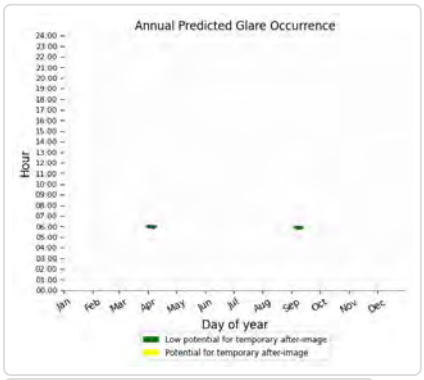
Field D10 Array: OP 4

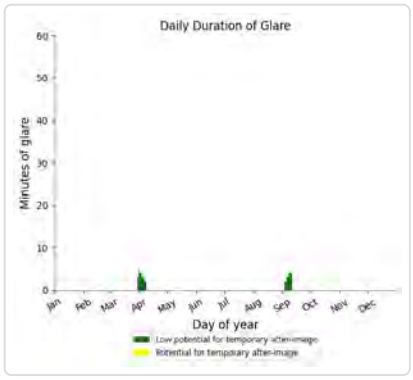
No glare found

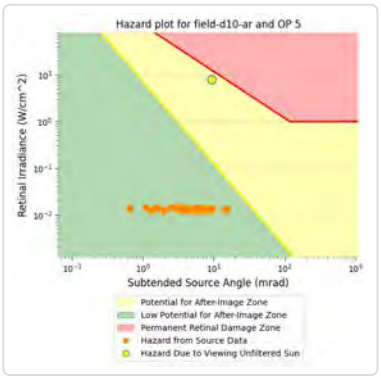
Field D10 Array: OP 5

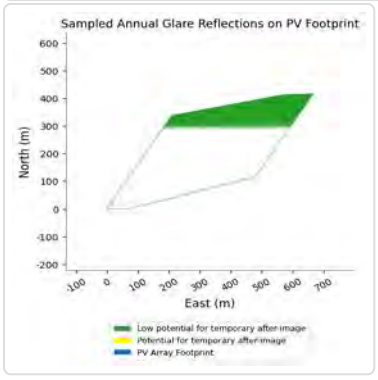
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 6

No glare found

Field D10 Array: OP 7

No glare found

Field D10 Array: OP 8

No glare found

Field D10 Array: OP 9

No glare found

Field D10 Array: OP 10

No glare found

Field D10 Array: OP 11

No glare found

Field D10 Array: OP 12

No glare found

Field D10 Array: OP 13

No glare found

Field D10 Array: OP 14

No glare found

Field D10 Array: OP 15

No glare found

Field D10 Array: OP 16

No glare found

Field D10 Array: OP 17

No glare found

Field D10 Array: OP 18

No glare found

Field D10 Array: OP 19

No glare found

Field D10 Array: OP 20

No glare found

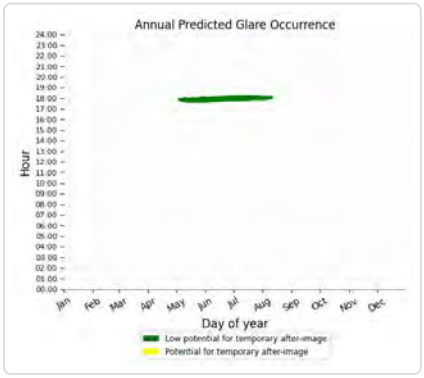
Field D10 Array: OP 21

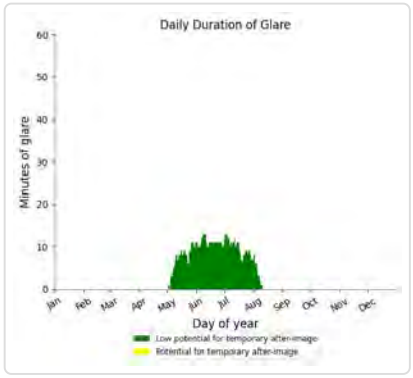
No glare found

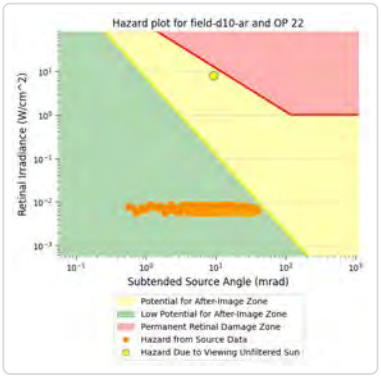
Field D10 Array: OP 22

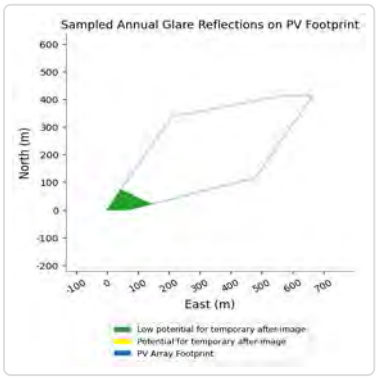
PV array is expected to produce the following glare for this receptor:

- 886 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









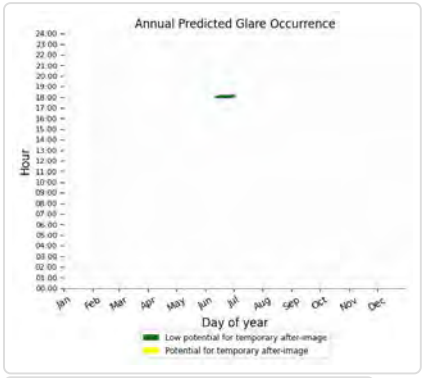
Field D10 Array: OP 23

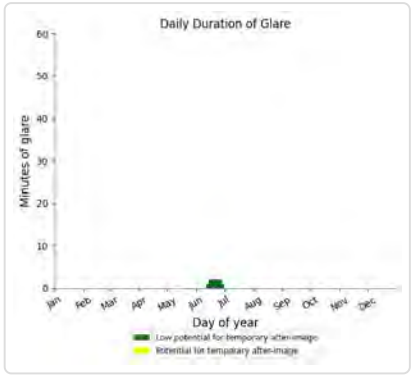
No glare found

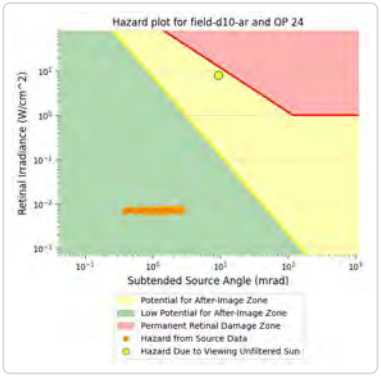
Field D10 Array: OP 24

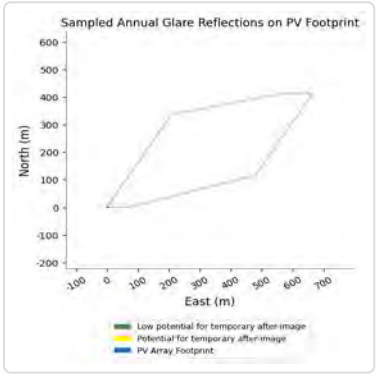
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 25

No glare found

Field D10 Array: OP 26

No glare found

Field D10 Array: OP 27

No glare found

Field D10 Array: OP 28

No glare found

Field D10 Array: OP 29

No glare found

Field D10 Array: OP 30

No glare found

Field D10 Array: OP 31

No glare found

Field D10 Array: OP 32

No glare found

Field D10 Array: OP 33

No glare found

Field D10 Array: OP 34

No glare found

Field D10 Array: OP 35

No glare found

Field D10 Array: OP 36

No glare found

Field D10 Array: OP 37

No glare found

Field D10 Array: OP 38

No glare found

Field D10 Array: OP 39

No glare found

Field D10 Array: OP 40

No glare found

Field D10 Array: OP 41

No glare found

Field D10 Array: OP 42

No glare found

Field D10 Array: OP 43

No glare found

Field D10 Array: OP 44

No glare found

Field D10 Array: OP 45

No glare found

Field D10 Array: OP 46

No glare found

Field D10 Array: OP 47

No glare found

Field D10 Array: OP 48

No glare found

Field D10 Array: OP 49

No glare found

Field D10 Array: OP 50

No glare found

Field D10 Array: OP 51

No glare found

Field D10 Array: OP 52

No glare found

Field D10 Array: OP 53

No glare found

Field D10 Array: OP 54

No glare found

Field D10 Array: OP 55

No glare found

Field D10 Array: OP 56

No glare found

Field D10 Array: OP 57

No glare found

Field D10 Array: OP 58

No glare found

Field D10 Array: OP 59

No glare found

Field D10 Array: OP 60

No glare found

Field D1A-B Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	19	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	15	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	905	176
OP: OP 22	1155	0
OP: OP 23	509	0
OP: OP 24	774	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0

OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D1A-B Array: OP 1

No glare found

Field D1A-B Array: OP 2

No glare found

Field D1A-B Array: OP 3

No glare found

Field D1A-B Array: OP 4

No glare found

Field D1A-B Array: OP 5

No glare found

Field D1A-B Array: OP 6

No glare found

Field D1A-B Array: OP 7

No glare found

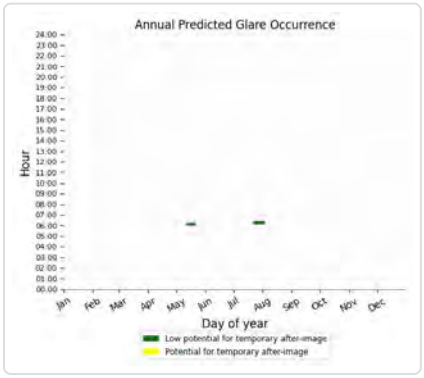
Field D1A-B Array: OP 8

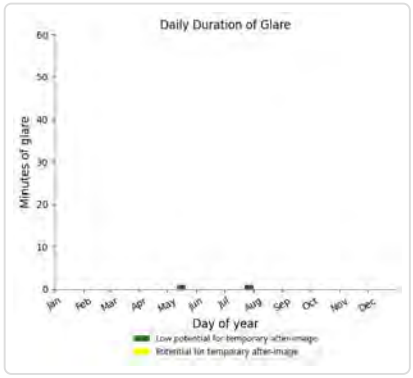
No glare found

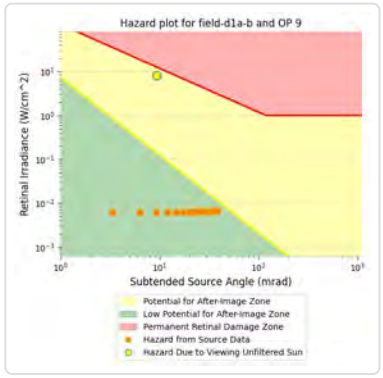
Field D1A-B Array: OP 9

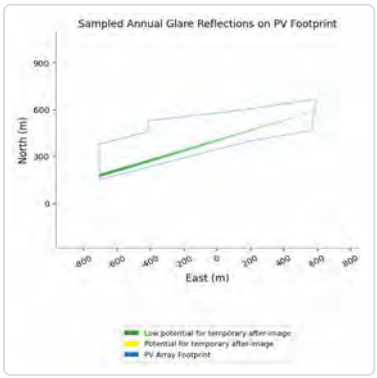
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 10

No glare found

Field D1A-B Array: OP 11

No glare found

Field D1A-B Array: OP 12

No glare found

Field D1A-B Array: OP 13

No glare found

Field D1A-B Array: OP 14

No glare found

Field D1A-B Array: OP 15

No glare found

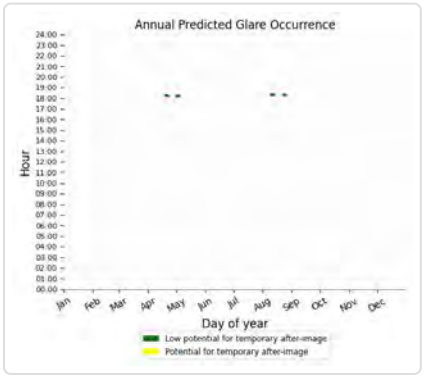
Field D1A-B Array: OP 16

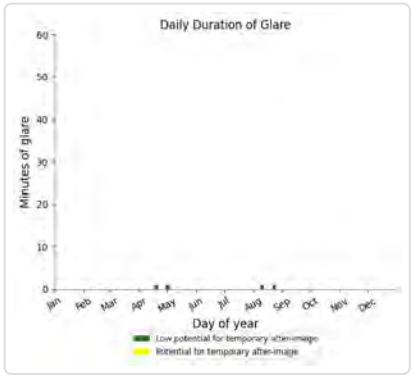
No glare found

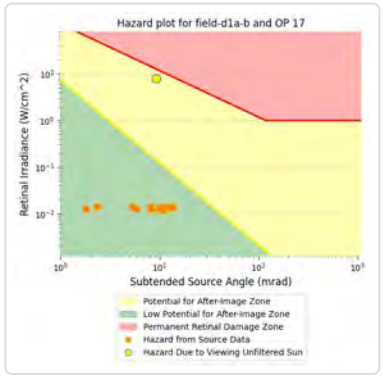
Field D1A-B Array: OP 17

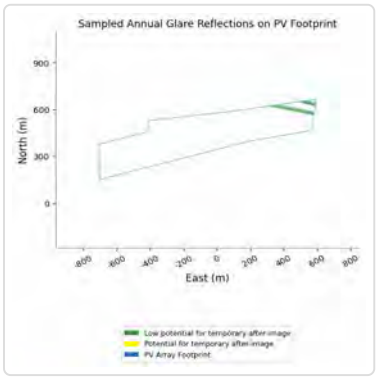
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 18

No glare found

Field D1A-B Array: OP 19

No glare found

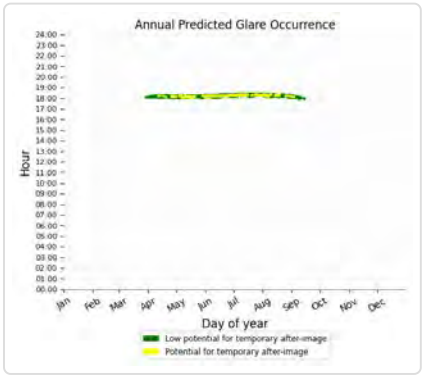
Field D1A-B Array: OP 20

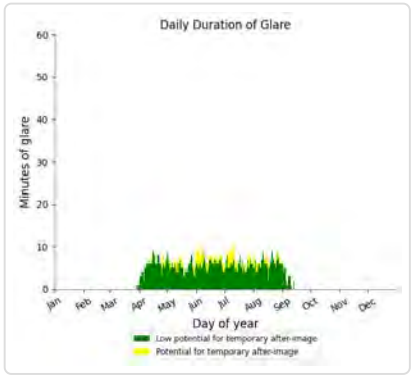
No glare found

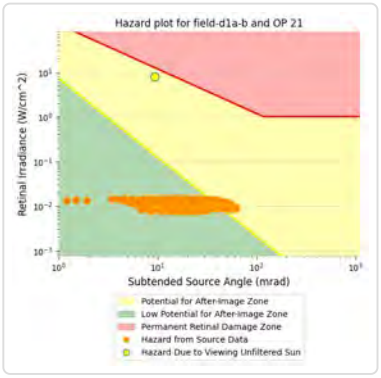
Field D1A-B Array: OP 21

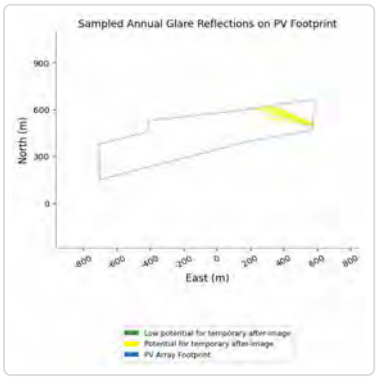
PV array is expected to produce the following glare for this receptor:

- 905 minutes of "green" glare with low potential to cause temporary after-image.
- 176 minutes of "yellow" glare with potential to cause temporary after-image.





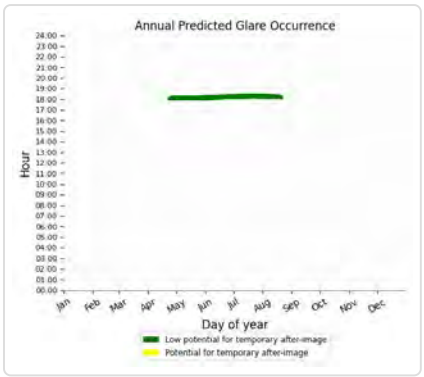




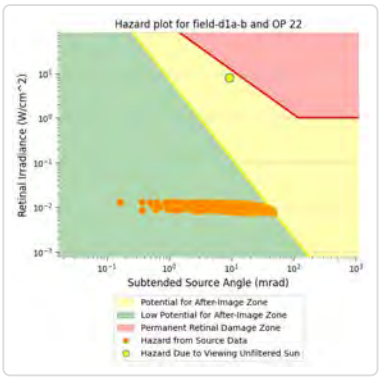
Field D1A-B Array: OP 22

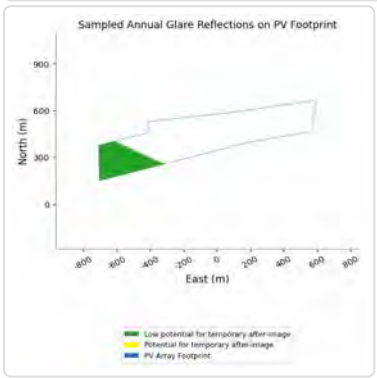
PV array is expected to produce the following glare for this receptor:

- 1,155 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





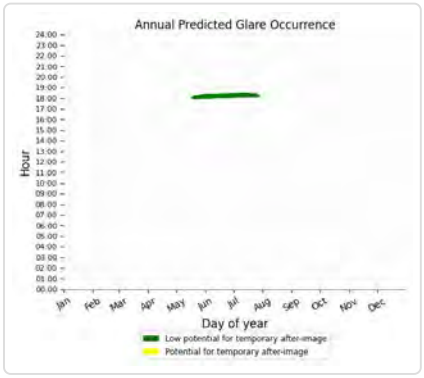


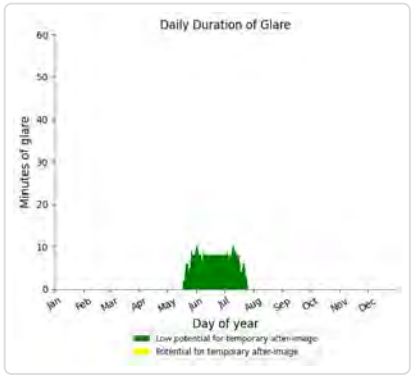


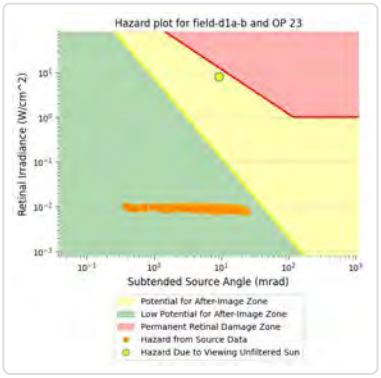
Field D1A-B Array: OP 23

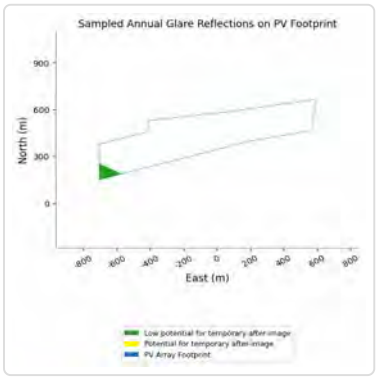
PV array is expected to produce the following glare for this receptor:

- 509 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





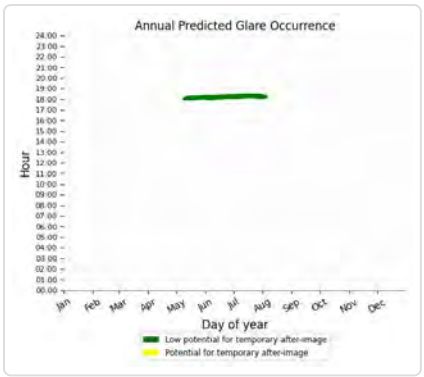


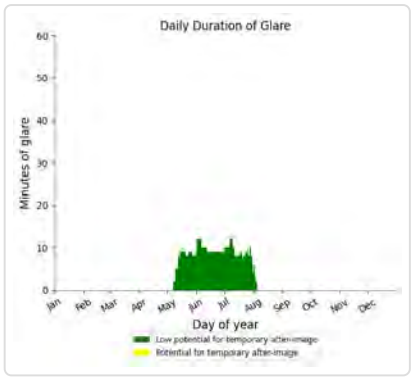


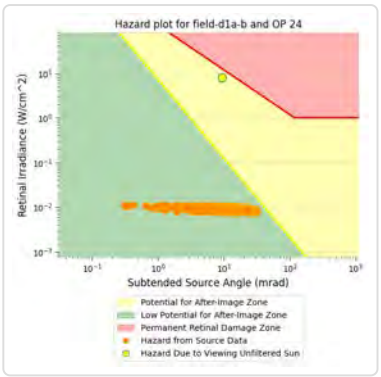
Field D1A-B Array: OP 24

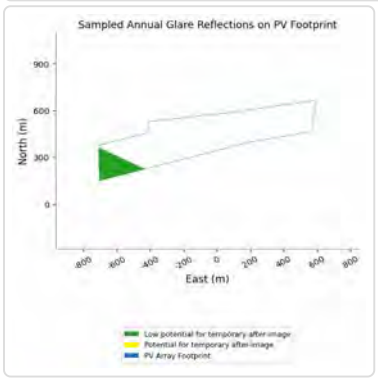
PV array is expected to produce the following glare for this receptor:

- 774 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 25

No glare found

Field D1A-B Array: OP 26

No glare found

Field D1A-B Array: OP 27

No glare found

Field D1A-B Array: OP 28

No glare found

Field D1A-B Array: OP 29

No glare found

Field D1A-B Array: OP 30

No glare found

Field D1A-B Array: OP 31

No glare found

Field D1A-B Array: OP 32

No glare found

Field D1A-B Array: OP 33

No glare found

Field D1A-B Array: OP 34

No glare found

Field D1A-B Array: OP 35

No glare found

Field D1A-B Array: OP 36

No glare found

Field D1A-B Array: OP 37

No glare found

Field D1A-B Array: OP 38

No glare found

Field D1A-B Array: OP 39

No glare found

Field D1A-B Array: OP 40

No glare found

Field D1A-B Array: OP 41

No glare found

Field D1A-B Array: OP 42

No glare found

Field D1A-B Array: OP 43

No glare found

Field D1A-B Array: OP 44

No glare found

Field D1A-B Array: OP 45

No glare found

Field D1A-B Array: OP 46

No glare found

Field D1A-B Array: OP 47

No glare found

Field D1A-B Array: OP 48

No glare found

Field D1A-B Array: OP 49

No glare found

Field D1A-B Array: OP 50

No glare found

Field D1A-B Array: OP 51

No glare found

Field D1A-B Array: OP 52

No glare found

Field D1A-B Array: OP 53

No glare found

Field D1A-B Array: OP 54

No glare found

Field D1A-B Array: OP 55

No glare found

Field D1A-B Array: OP 56

No glare found

Field D1A-B Array: OP 57

No glare found

Field D1A-B Array: OP 58

No glare found

Field D1A-B Array: OP 59

No glare found

Field D1A-B Array: OP 60

No glare found

Field D1C Array potential temporary after-image

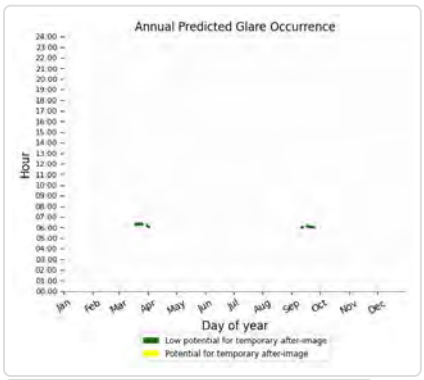
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	19	0
OP: OP 2	427	0
OP: OP 3	559	0
OP: OP 4	567	0
OP: OP 5	665	0
OP: OP 6	632	0
OP: OP 7	605	0
OP: OP 8	996	0
OP: OP 9	1189	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	88	0
OP: OP 15	1440	980
OP: OP 16	1048	1425
OP: OP 17	2002	0
OP: OP 18	1962	263
OP: OP 19	2300	0
OP: OP 20	2186	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

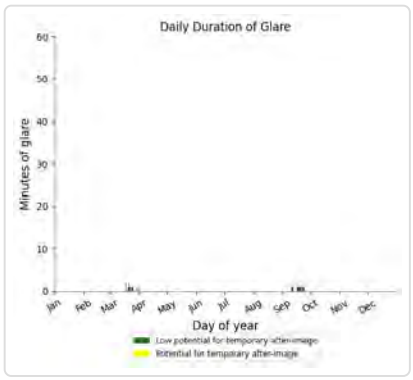
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

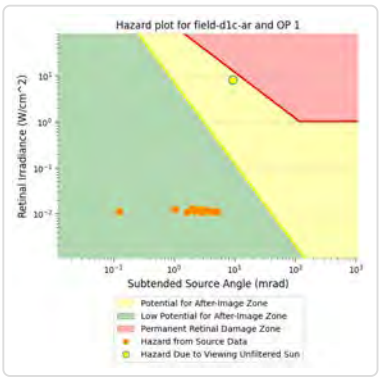
Field D1C Array: OP 1

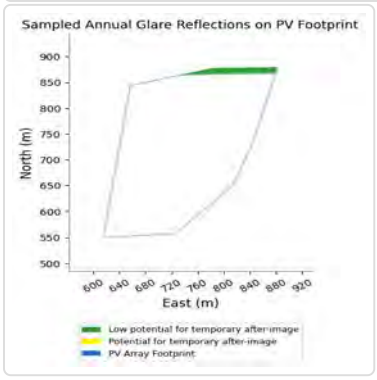
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





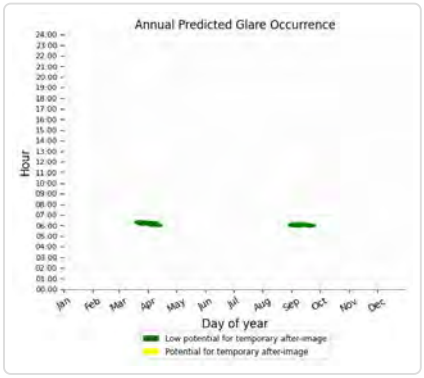


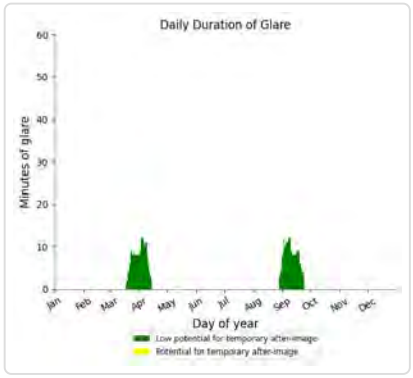


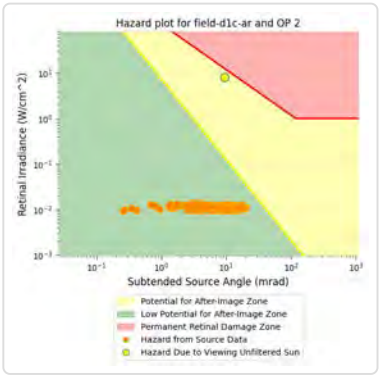
Field D1C Array: OP 2

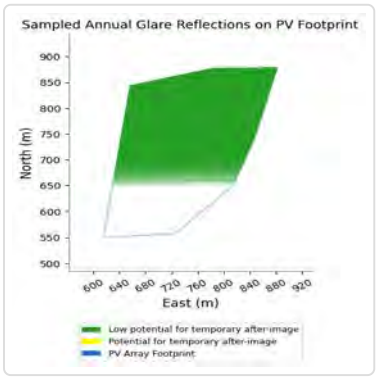
PV array is expected to produce the following glare for this receptor:

- 427 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





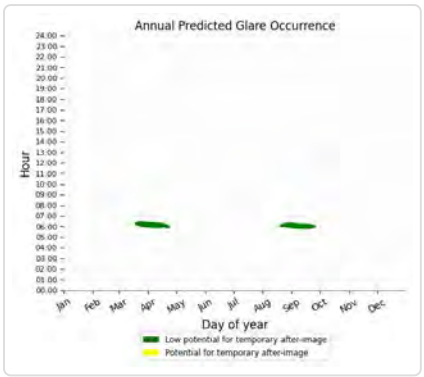


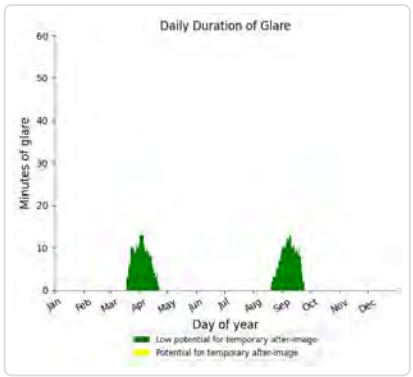


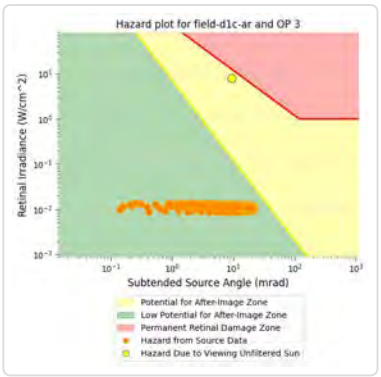
Field D1C Array: OP 3

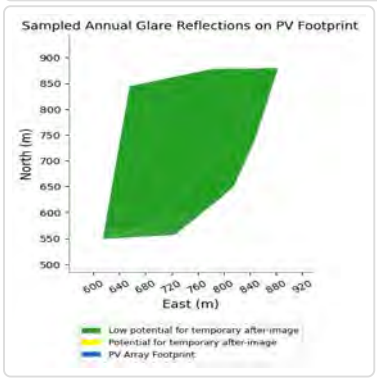
PV array is expected to produce the following glare for this receptor:

- 559 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





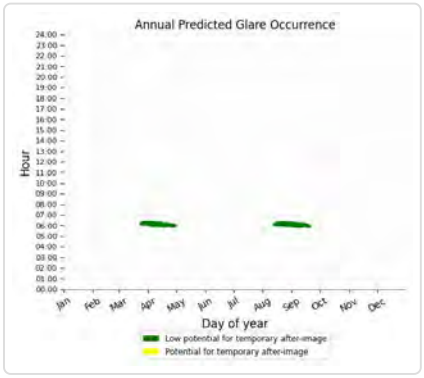


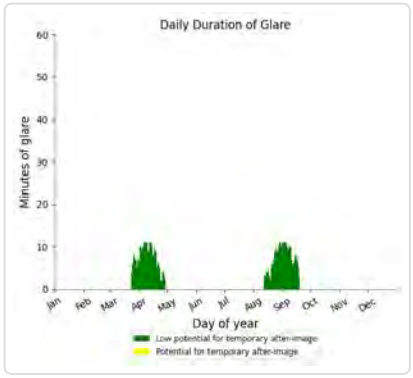


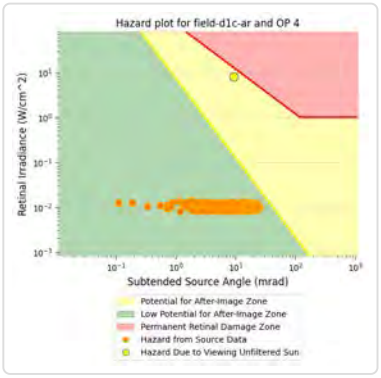
Field D1C Array: OP 4

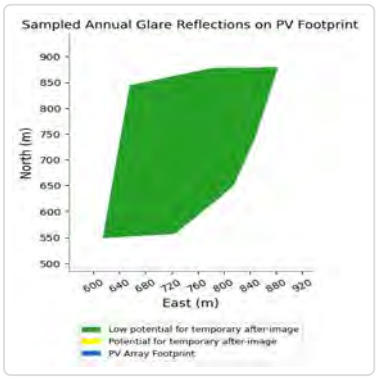
PV array is expected to produce the following glare for this receptor:

- 567 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





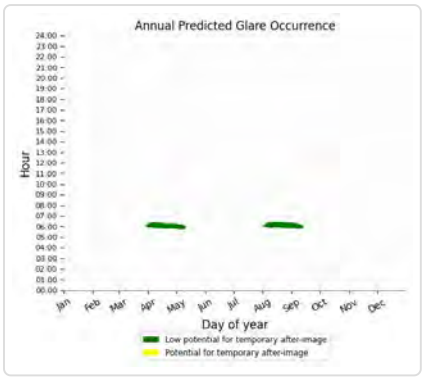


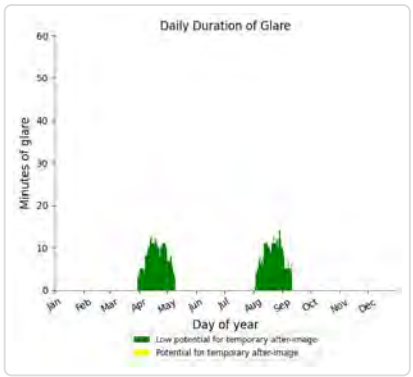


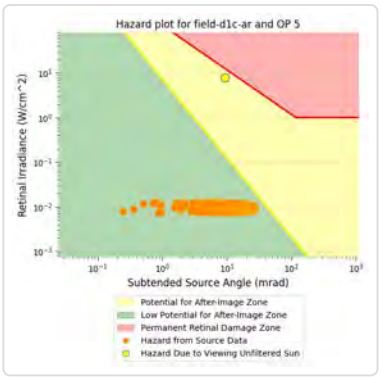
Field D1C Array: OP 5

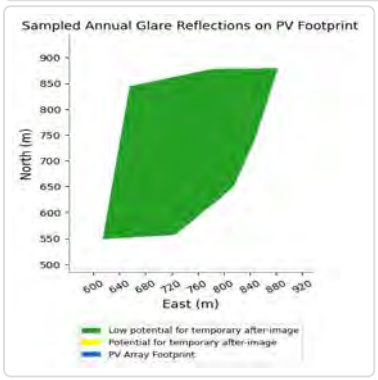
PV array is expected to produce the following glare for this receptor:

- 665 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





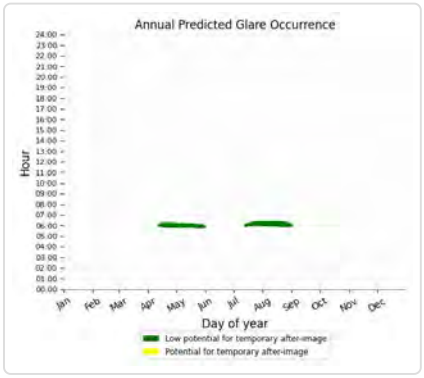


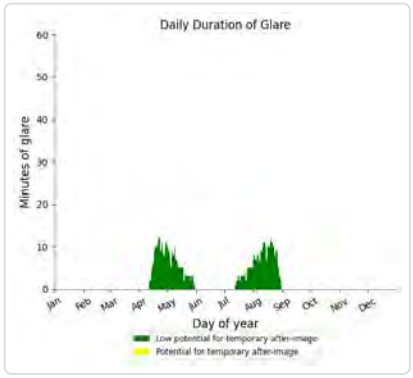


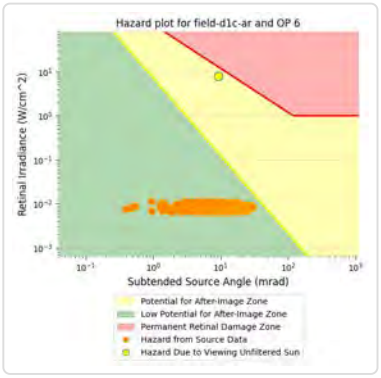
Field D1C Array: OP 6

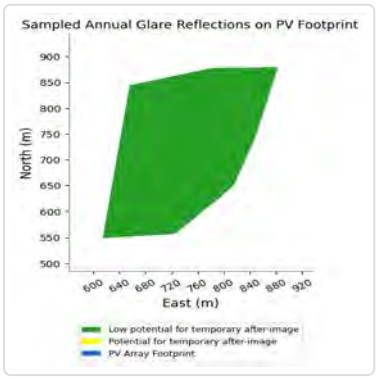
PV array is expected to produce the following glare for this receptor:

- 632 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





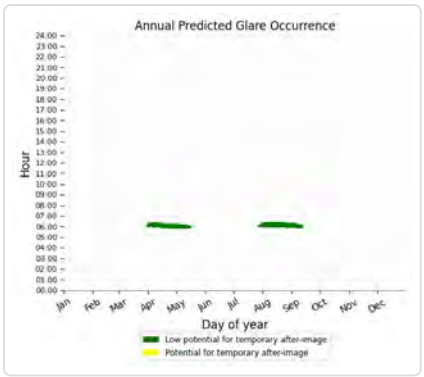


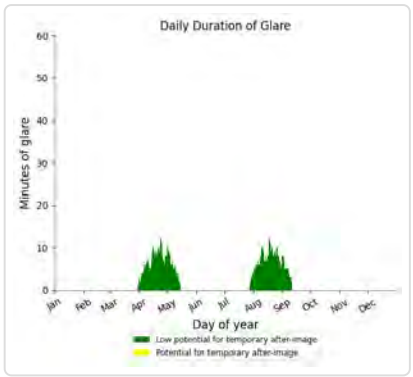


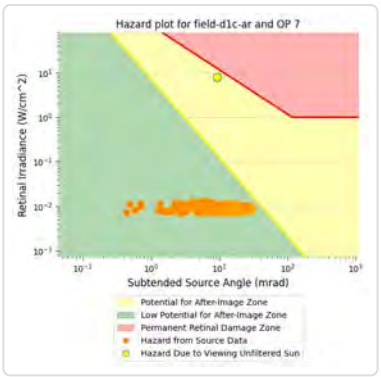
Field D1C Array: OP 7

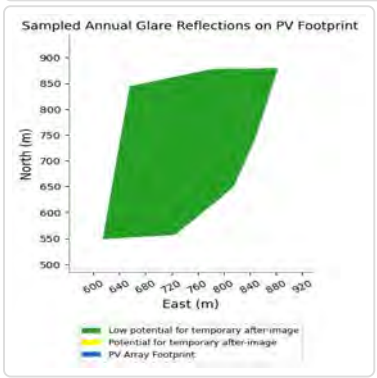
PV array is expected to produce the following glare for this receptor:

- 605 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





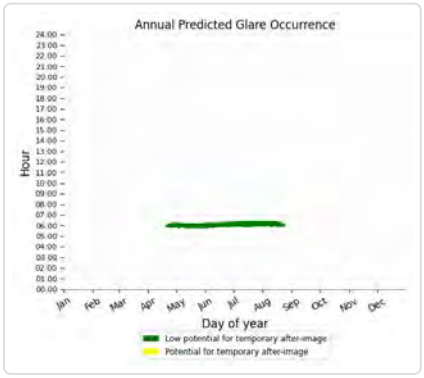


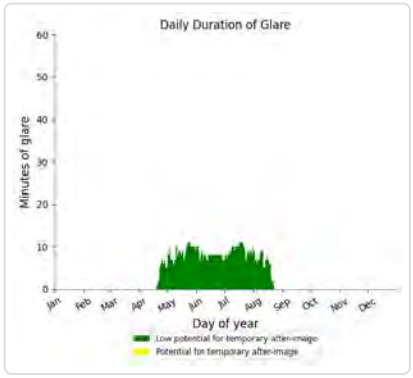


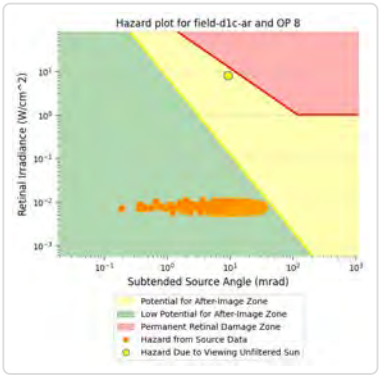
Field D1C Array: OP 8

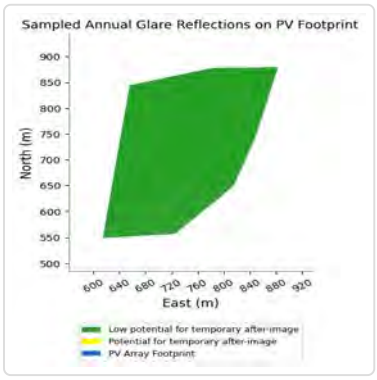
PV array is expected to produce the following glare for this receptor:

- 996 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





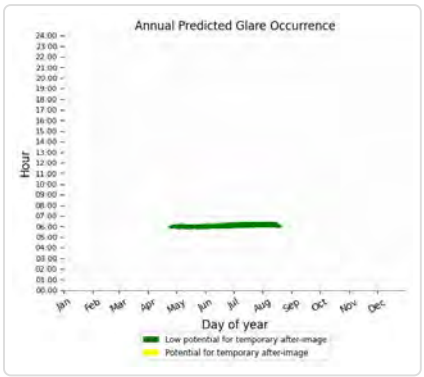




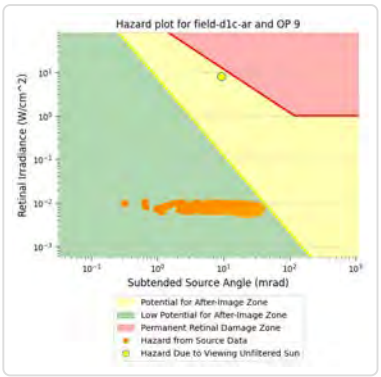
Field D1C Array: OP 9

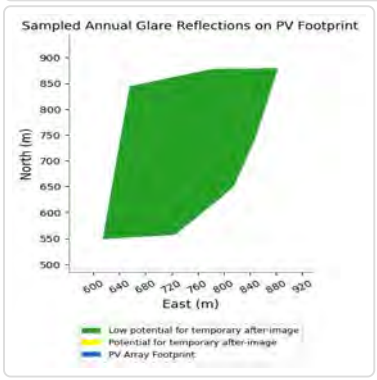
PV array is expected to produce the following glare for this receptor:

- 1,189 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 10

No glare found

Field D1C Array: OP 11

No glare found

Field D1C Array: OP 12

No glare found

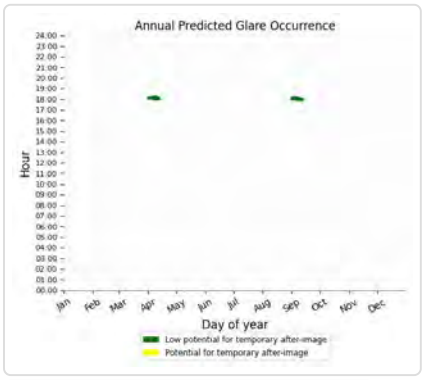
Field D1C Array: OP 13

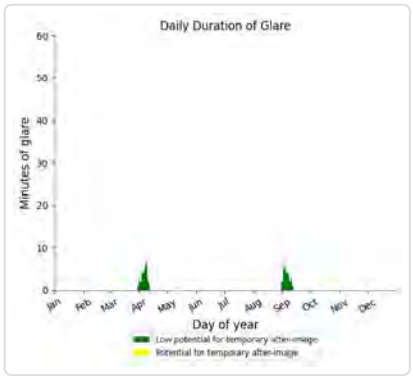
No glare found

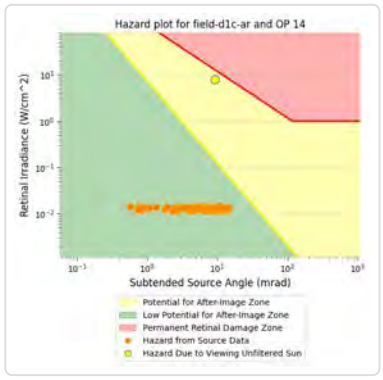
Field D1C Array: OP 14

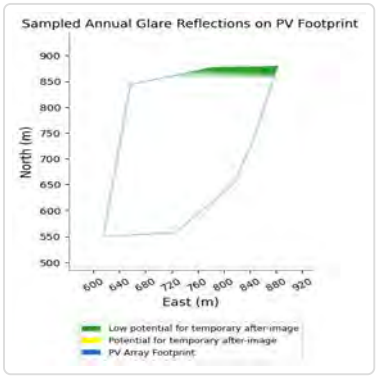
PV array is expected to produce the following glare for this receptor:

- 88 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





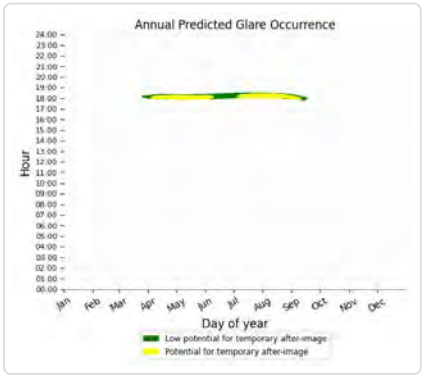


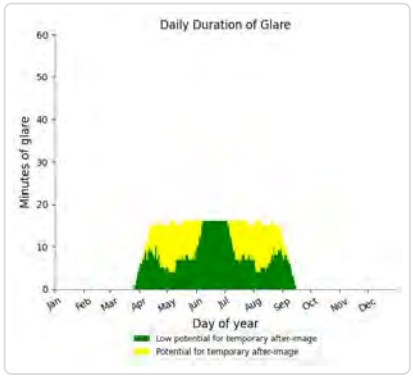


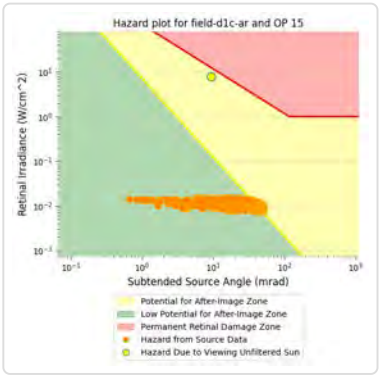
Field D1C Array: OP 15

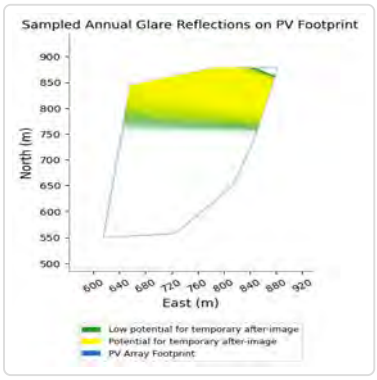
PV array is expected to produce the following glare for this receptor:

- 1,440 minutes of "green" glare with low potential to cause temporary after-image.
- 980 minutes of "yellow" glare with potential to cause temporary after-image.





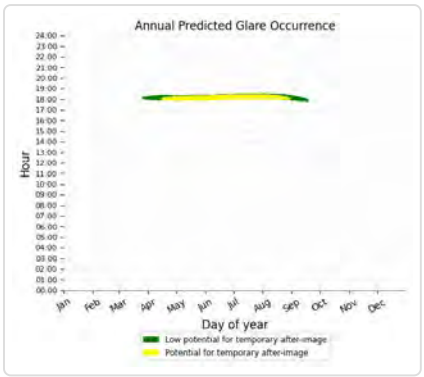


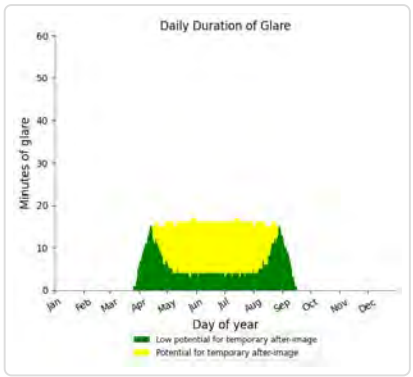


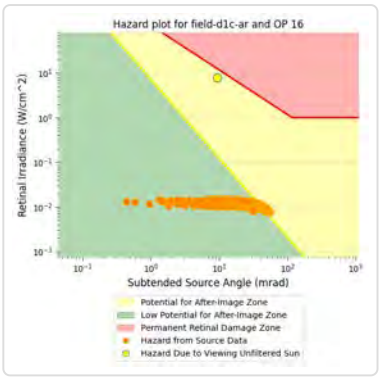
Field D1C Array: OP 16

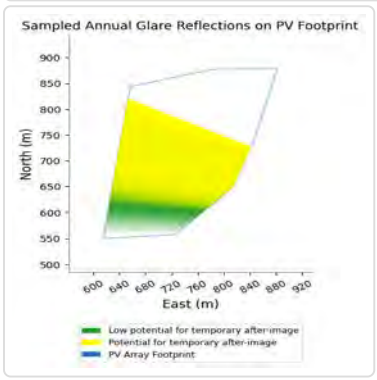
PV array is expected to produce the following glare for this receptor:

- 1,048 minutes of "green" glare with low potential to cause temporary after-image.
- 1,425 minutes of "yellow" glare with potential to cause temporary after-image.





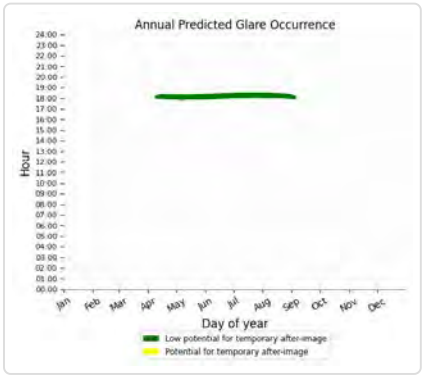


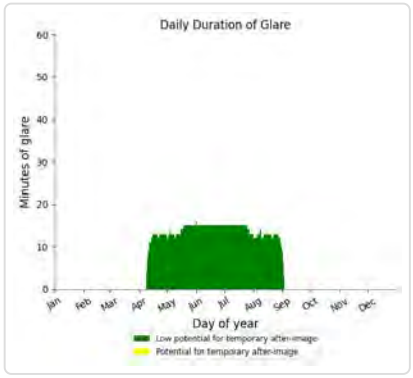


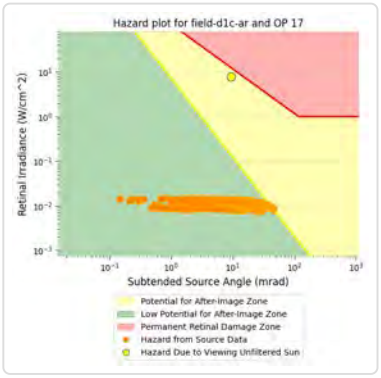
Field D1C Array: OP 17

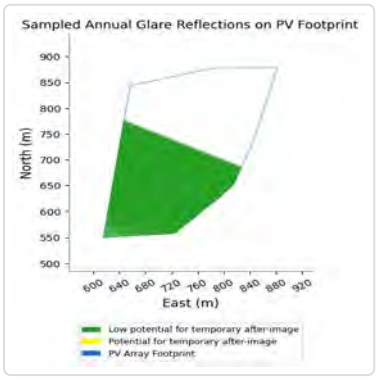
PV array is expected to produce the following glare for this receptor:

- 2,002 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





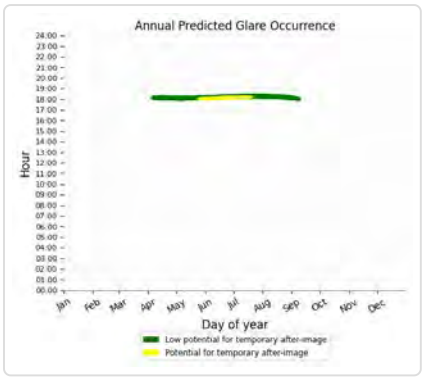


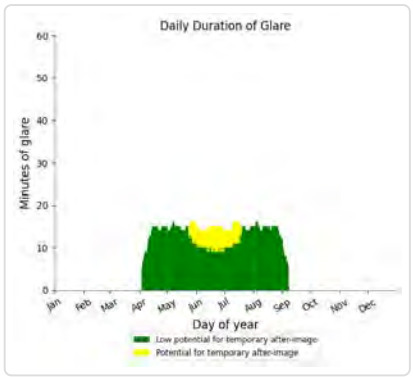


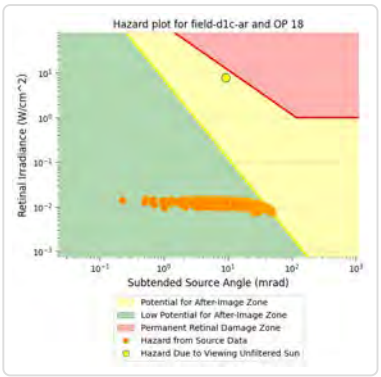
Field D1C Array: OP 18

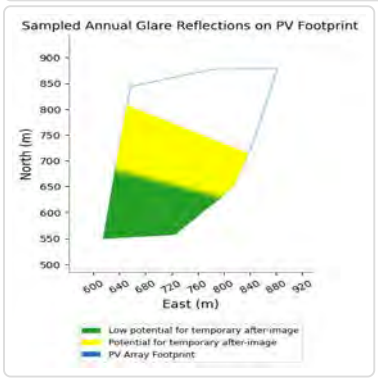
PV array is expected to produce the following glare for this receptor:

- 1,962 minutes of "green" glare with low potential to cause temporary after-image.
- 263 minutes of "yellow" glare with potential to cause temporary after-image.





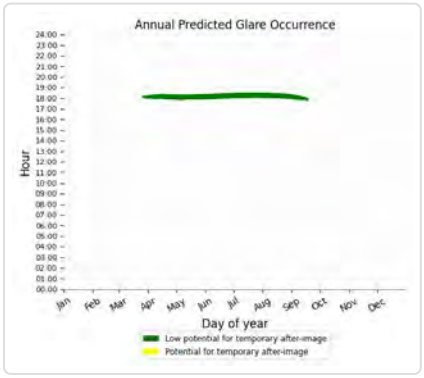


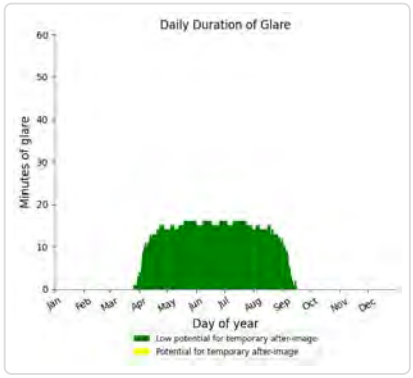


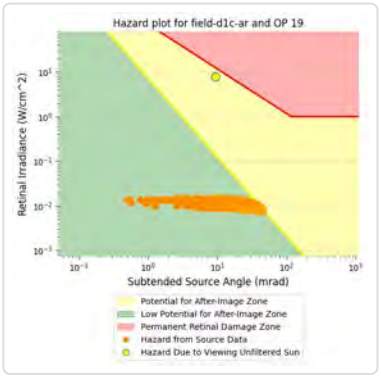
Field D1C Array: OP 19

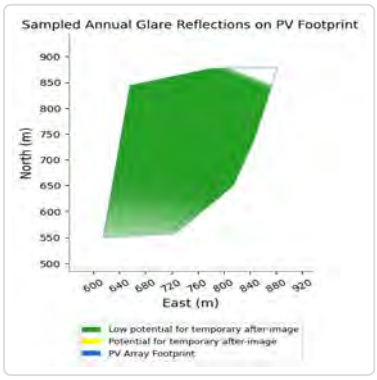
PV array is expected to produce the following glare for this receptor:

- 2,300 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





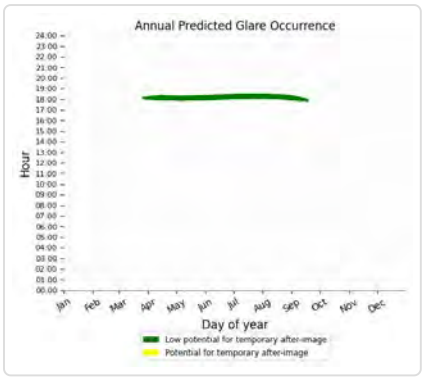




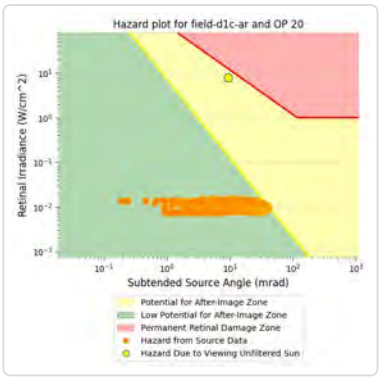
Field D1C Array: OP 20

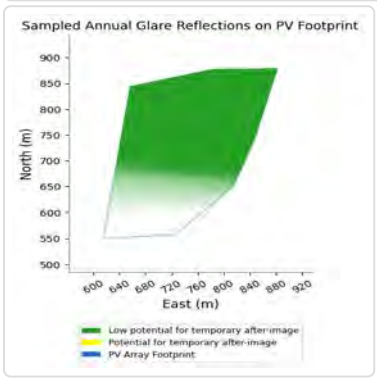
PV array is expected to produce the following glare for this receptor:

- 2,186 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 21

No glare found

Field D1C Array: OP 22

No glare found

Field D1C Array: OP 23

No glare found

Field D1C Array: OP 24

No glare found

Field D1C Array: OP 25

No glare found

Field D1C Array: OP 26

No glare found

Field D1C Array: OP 27

No glare found

Field D1C Array: OP 28

No glare found

Field D1C Array: OP 29

No glare found

Field D1C Array: OP 30

No glare found

Field D1C Array: OP 31

No glare found

Field D1C Array: OP 32

No glare found

Field D1C Array: OP 33

No glare found

Field D1C Array: OP 34

No glare found

Field D1C Array: OP 35

No glare found

Field D1C Array: OP 36

No glare found

Field D1C Array: OP 37

No glare found

Field D1C Array: OP 38

No glare found

Field D1C Array: OP 39

No glare found

Field D1C Array: OP 40

No glare found

Field D1C Array: OP 41

No glare found

Field D1C Array: OP 42

No glare found

Field D1C Array: OP 43

No glare found

Field D1C Array: OP 44

No glare found

Field D1C Array: OP 45

No glare found

Field D1C Array: OP 46

No glare found

Field D1C Array: OP 47

No glare found

Field D1C Array: OP 48

No glare found

Field D1C Array: OP 49

No glare found

Field D1C Array: OP 50

No glare found

Field D1C Array: OP 51

No glare found

Field D1C Array: OP 52

No glare found

Field D1C Array: OP 53

No glare found

Field D1C Array: OP 54

No glare found

Field D1C Array: OP 55

No glare found

Field D1C Array: OP 56

No glare found

Field D1C Array: OP 57

No glare found

Field D1C Array: OP 58

No glare found

Field D1C Array: OP 59

No glare found

Field D1C Array: OP 60

No glare found

Field D2 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	482	1
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	887	1347
OP: OP 23	1355	700
OP: OP 24	1385	349
OP: OP 25	906	1320
OP: OP 26	0	0
OP: OP 27	0	0

OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	234	0
OP: OP 59	0	0
OP: OP 60	222	0

Field D2 Array: OP 1

No glare found

Field D2 Array: OP 2

No glare found

Field D2 Array: OP 3

No glare found

Field D2 Array: OP 4

No glare found

Field D2 Array: OP 5

No glare found

Field D2 Array: OP 6

No glare found

Field D2 Array: OP 7

No glare found

Field D2 Array: OP 8

No glare found

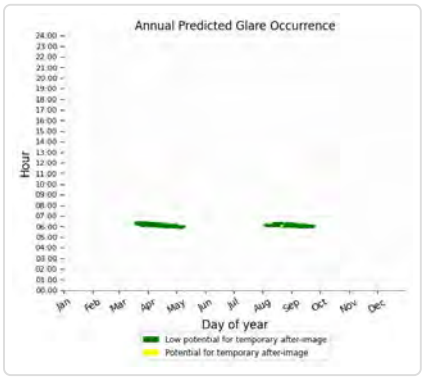
Field D2 Array: OP 9

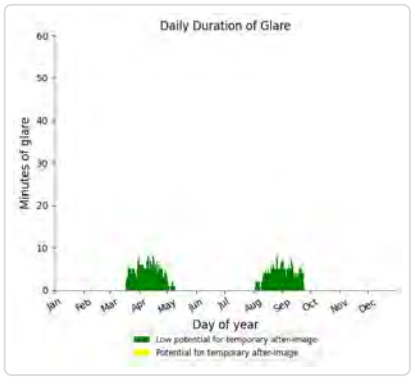
No glare found

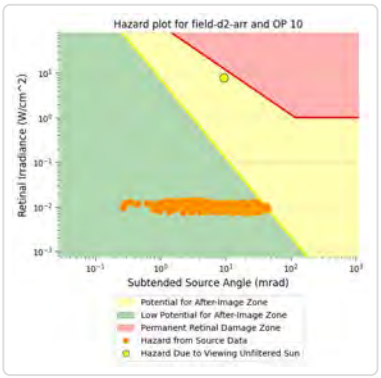
Field D2 Array: OP 10

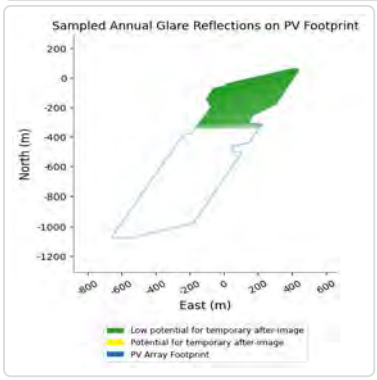
PV array is expected to produce the following glare for this receptor:

- 482 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 11

No glare found

Field D2 Array: OP 12

No glare found

Field D2 Array: OP 13

No glare found

Field D2 Array: OP 14

No glare found

Field D2 Array: OP 15

No glare found

Field D2 Array: OP 16

No glare found

Field D2 Array: OP 17

No glare found

Field D2 Array: OP 18

No glare found

Field D2 Array: OP 19

No glare found

Field D2 Array: OP 20

No glare found

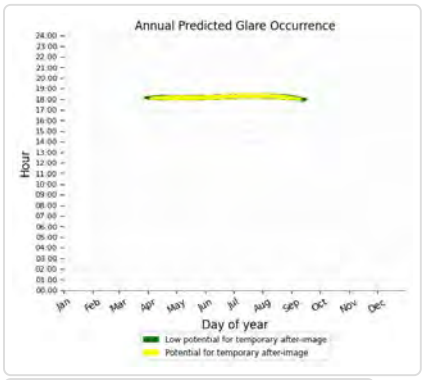
Field D2 Array: OP 21

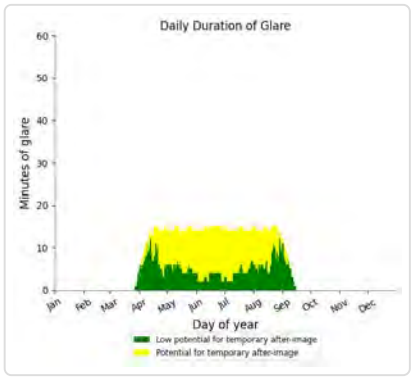
No glare found

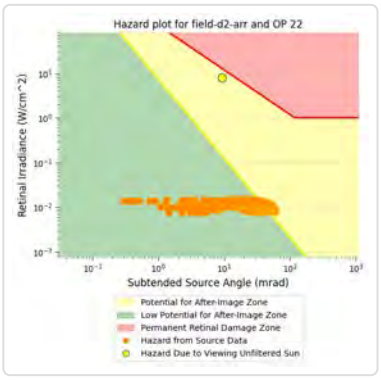
Field D2 Array: OP 22

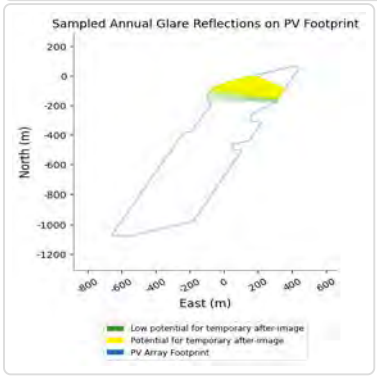
PV array is expected to produce the following glare for this receptor:

- 887 minutes of "green" glare with low potential to cause temporary after-image.
- 1,347 minutes of "yellow" glare with potential to cause temporary after-image.





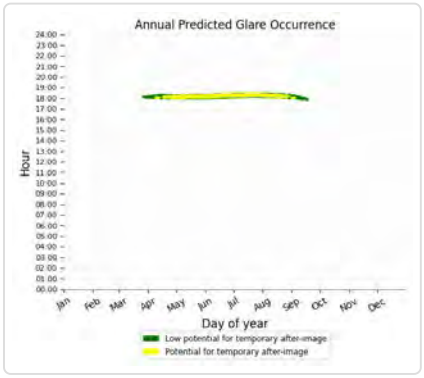


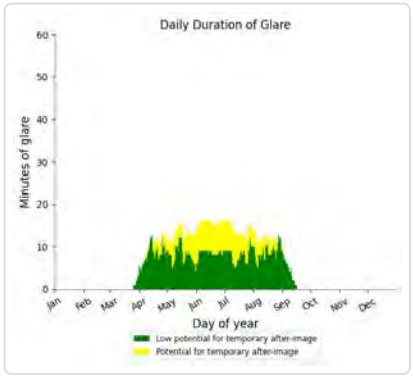


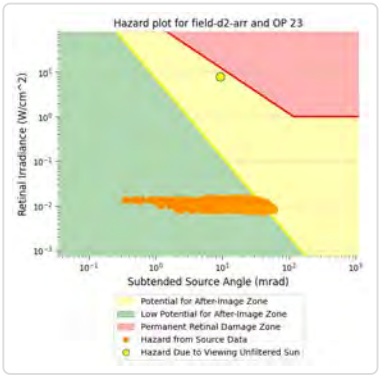
Field D2 Array: OP 23

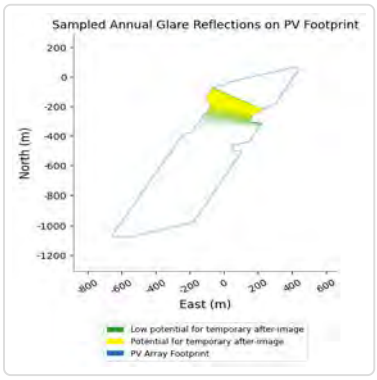
PV array is expected to produce the following glare for this receptor:

- 1,355 minutes of "green" glare with low potential to cause temporary after-image.
- 700 minutes of "yellow" glare with potential to cause temporary after-image.





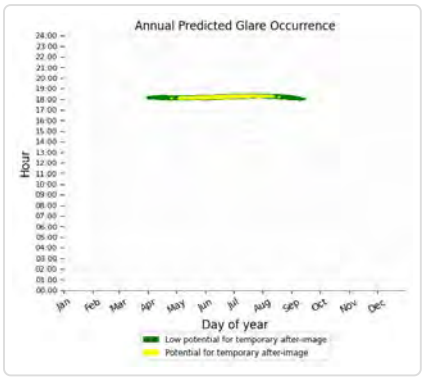


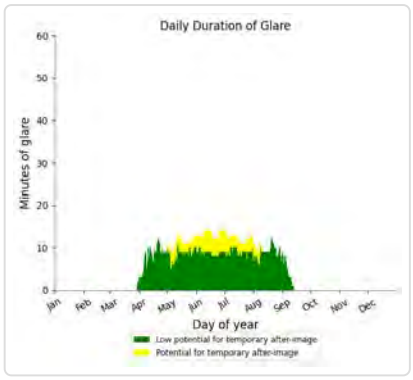


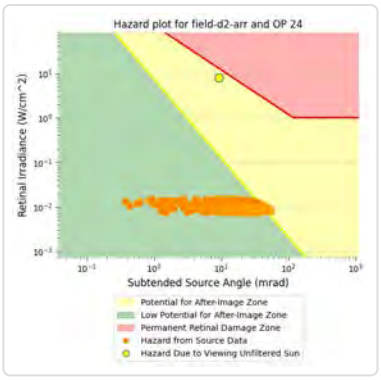
Field D2 Array: OP 24

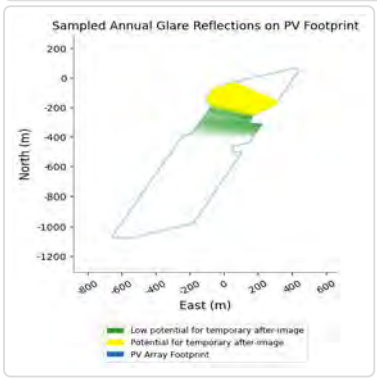
PV array is expected to produce the following glare for this receptor:

- 1,385 minutes of "green" glare with low potential to cause temporary after-image.
- 349 minutes of "yellow" glare with potential to cause temporary after-image.





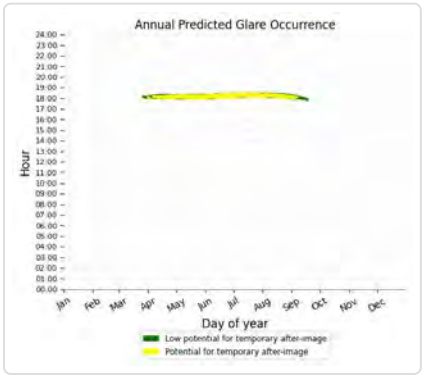


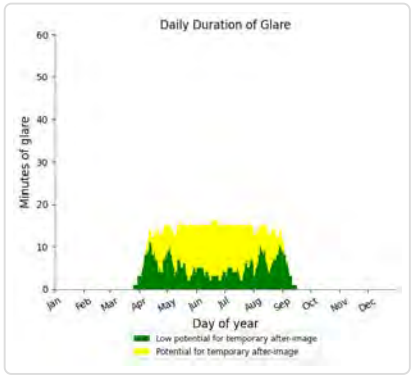


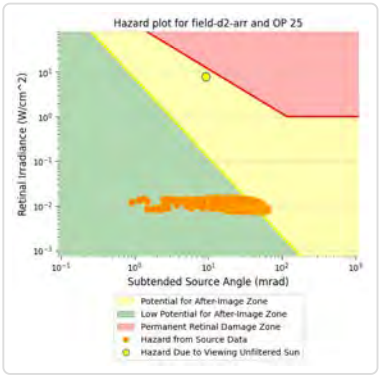
Field D2 Array: OP 25

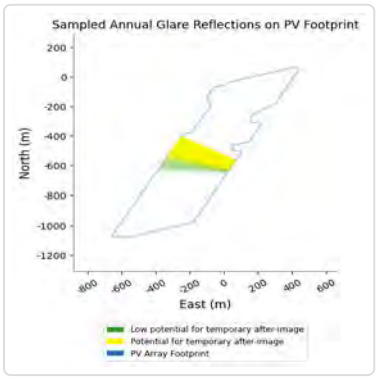
PV array is expected to produce the following glare for this receptor:

- 906 minutes of "green" glare with low potential to cause temporary after-image.
- 1,320 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 26

No glare found

Field D2 Array: OP 27

No glare found

Field D2 Array: OP 28

No glare found

Field D2 Array: OP 29

No glare found

Field D2 Array: OP 30

No glare found

Field D2 Array: OP 31

No glare found

Field D2 Array: OP 32

No glare found

Field D2 Array: OP 33

No glare found

Field D2 Array: OP 34

No glare found

Field D2 Array: OP 35

No glare found

Field D2 Array: OP 36

No glare found

Field D2 Array: OP 37

No glare found

Field D2 Array: OP 38

No glare found

Field D2 Array: OP 39

No glare found

Field D2 Array: OP 40

No glare found

Field D2 Array: OP 41

No glare found

Field D2 Array: OP 42

No glare found

Field D2 Array: OP 43

No glare found

Field D2 Array: OP 44

No glare found

Field D2 Array: OP 45

No glare found

Field D2 Array: OP 46

No glare found

Field D2 Array: OP 47

No glare found

Field D2 Array: OP 48

No glare found

Field D2 Array: OP 49

No glare found

Field D2 Array: OP 50

No glare found

Field D2 Array: OP 51

No glare found

Field D2 Array: OP 52

No glare found

Field D2 Array: OP 53

No glare found

Field D2 Array: OP 54

No glare found

Field D2 Array: OP 55

No glare found

Field D2 Array: OP 56

No glare found

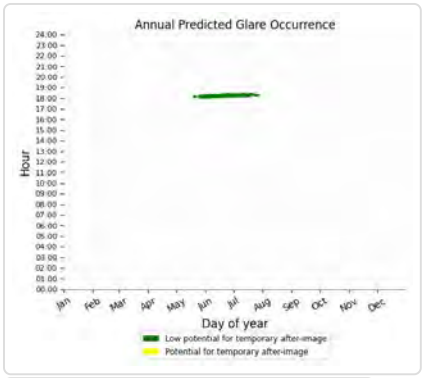
Field D2 Array: OP 57

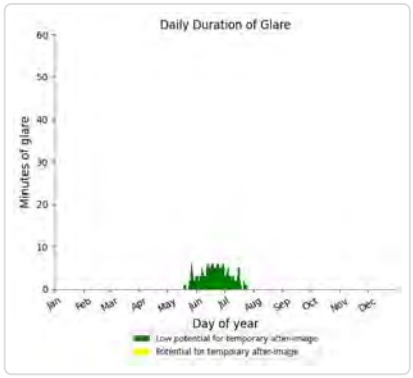
No glare found

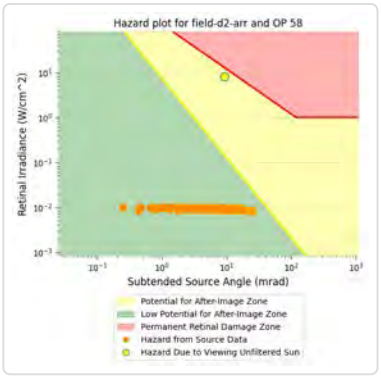
Field D2 Array: OP 58

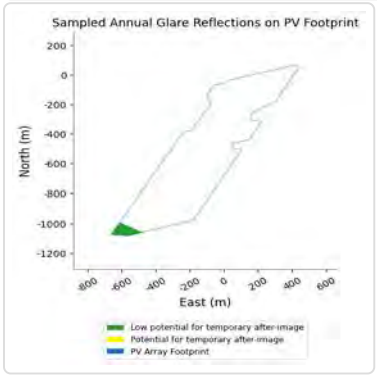
PV array is expected to produce the following glare for this receptor:

- 234 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









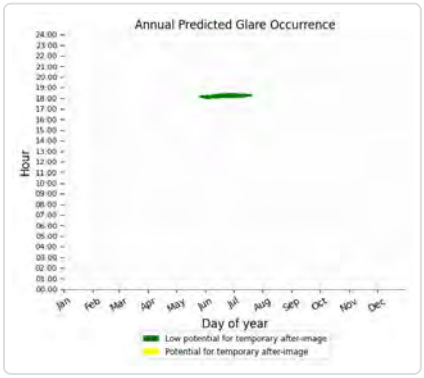
Field D2 Array: OP 59

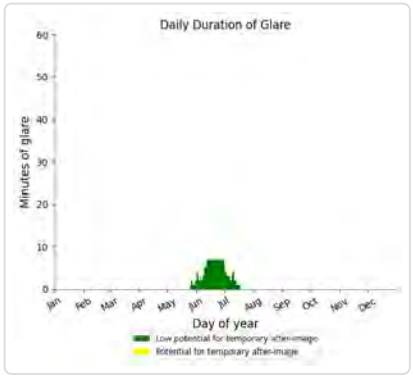
No glare found

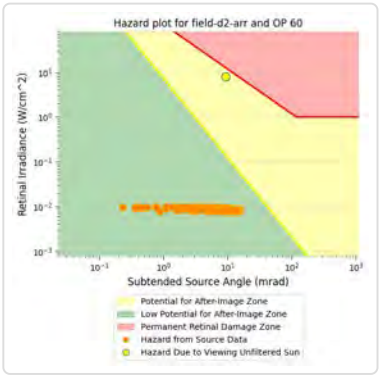
Field D2 Array: OP 60

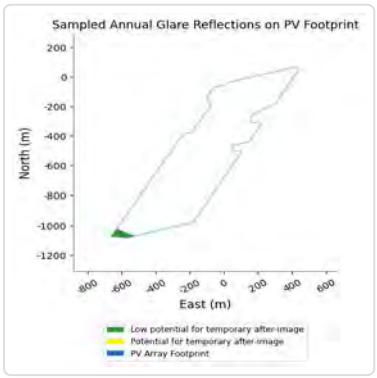
PV array is expected to produce the following glare for this receptor:

- 222 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	536	96
OP: OP 11	713	53
OP: OP 12	1308	720
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	15	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	1564	53
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	1056	77
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	272	2
OP: OP 55	1295	13
OP: OP 56	1479	30
OP: OP 57	1671	0
OP: OP 58	1162	5
OP: OP 59	1102	3
OP: OP 60	918	0

Field D3 Array: OP 1

No glare found

Field D3 Array: OP 2

No glare found

Field D3 Array: OP 3

No glare found

Field D3 Array: OP 4

No glare found

Field D3 Array: OP 5

No glare found

Field D3 Array: OP 6

No glare found

Field D3 Array: OP 7

No glare found

Field D3 Array: OP 8

No glare found

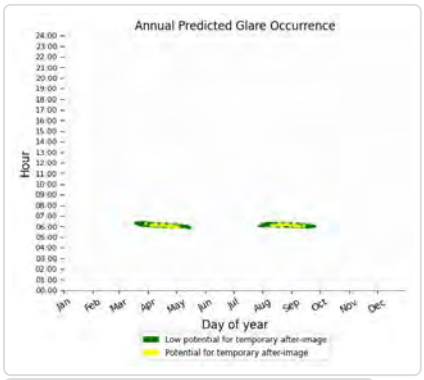
Field D3 Array: OP 9

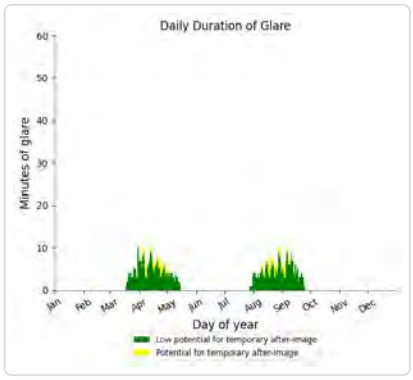
No glare found

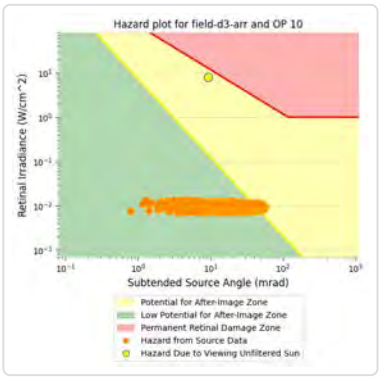
Field D3 Array: OP 10

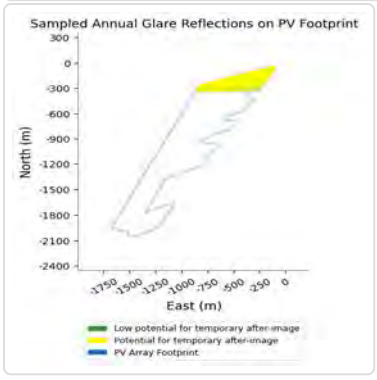
PV array is expected to produce the following glare for this receptor:

- 536 minutes of "green" glare with low potential to cause temporary after-image.
- 96 minutes of "yellow" glare with potential to cause temporary after-image.





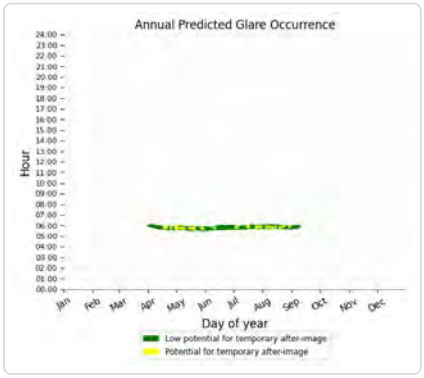


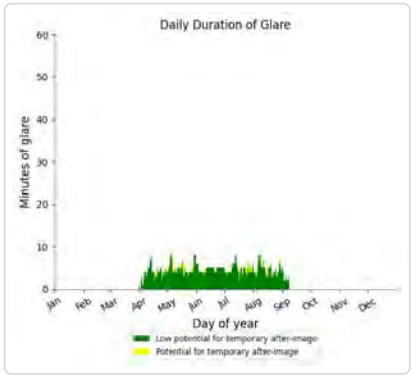


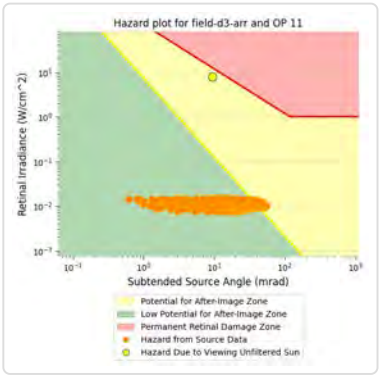
Field D3 Array: OP 11

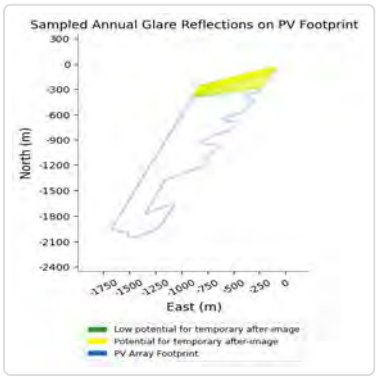
PV array is expected to produce the following glare for this receptor:

- 713 minutes of "green" glare with low potential to cause temporary after-image.
- 53 minutes of "yellow" glare with potential to cause temporary after-image.





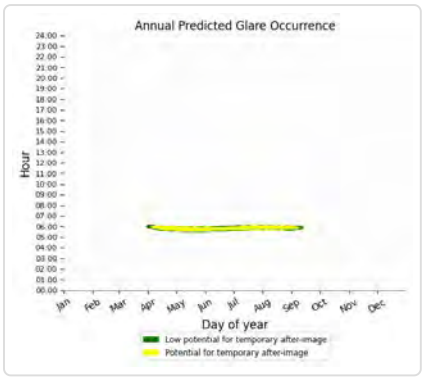


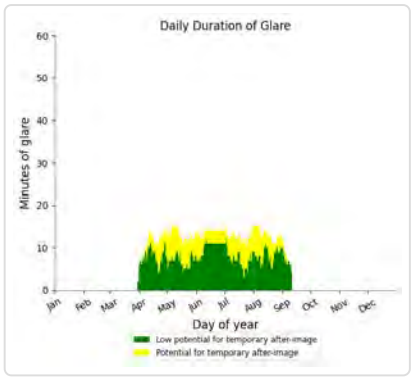


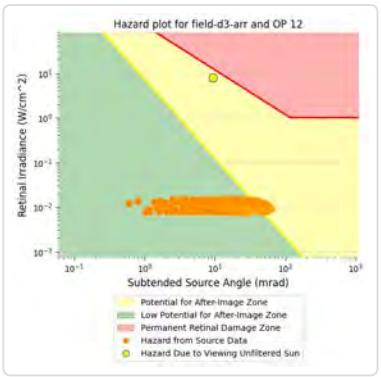
Field D3 Array: OP 12

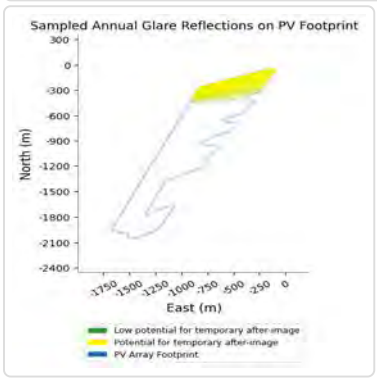
PV array is expected to produce the following glare for this receptor:

- 1,308 minutes of "green" glare with low potential to cause temporary after-image.
- 720 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 13

No glare found

Field D3 Array: OP 14

No glare found

Field D3 Array: OP 15

No glare found

Field D3 Array: OP 16

No glare found

Field D3 Array: OP 17

No glare found

Field D3 Array: OP 18

No glare found

Field D3 Array: OP 19

No glare found

Field D3 Array: OP 20

No glare found

Field D3 Array: OP 21

No glare found

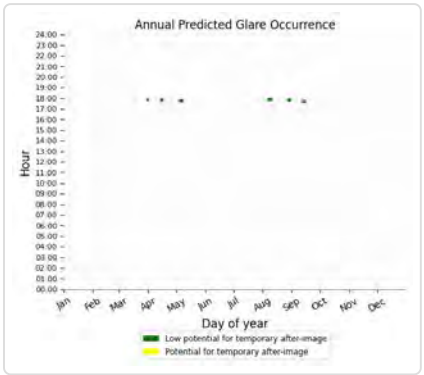
Field D3 Array: OP 22

No glare found

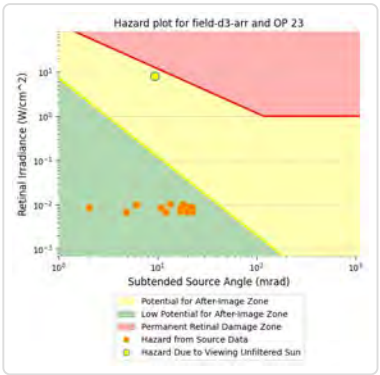
Field D3 Array: OP 23

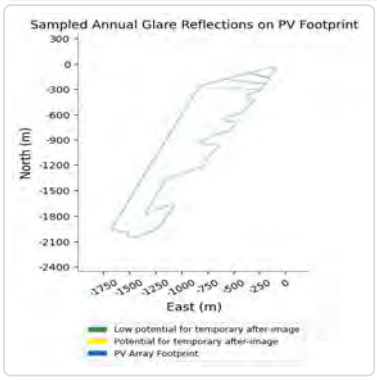
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 24

No glare found

Field D3 Array: OP 25

No glare found

Field D3 Array: OP 26

No glare found

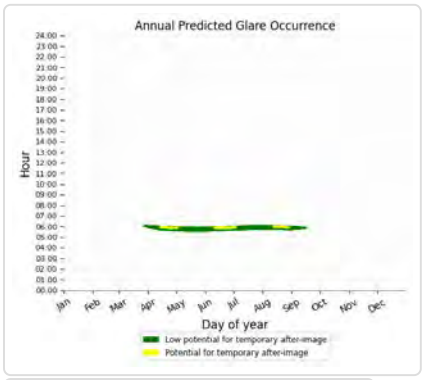
Field D3 Array: OP 27

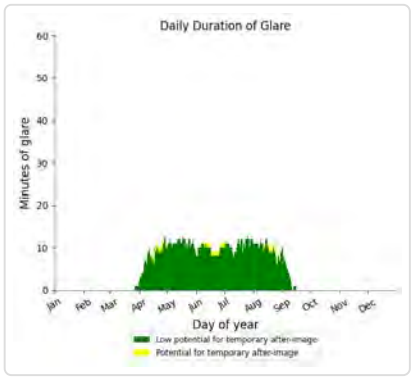
No glare found

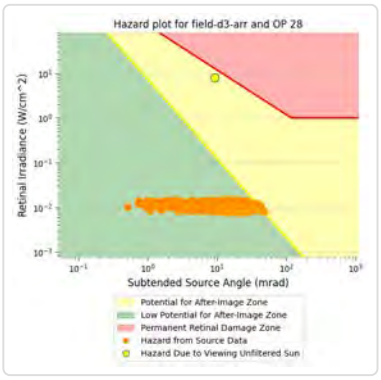
Field D3 Array: OP 28

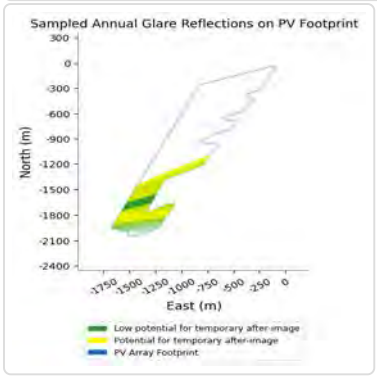
PV array is expected to produce the following glare for this receptor:

- 1,564 minutes of "green" glare with low potential to cause temporary after-image.
- 53 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 29

No glare found

Field D3 Array: OP 30

No glare found

Field D3 Array: OP 31

No glare found

Field D3 Array: OP 32

No glare found

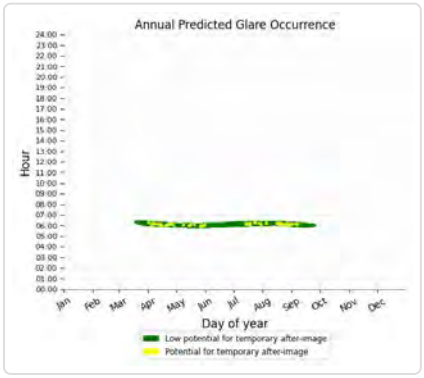
Field D3 Array: OP 33

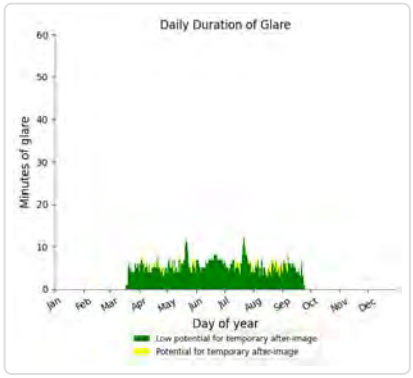
No glare found

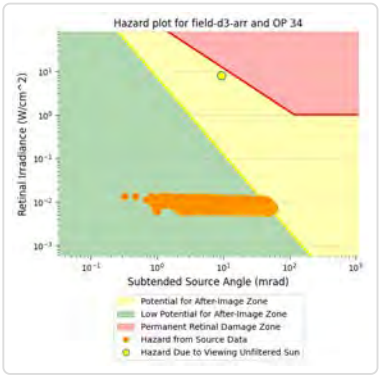
Field D3 Array: OP 34

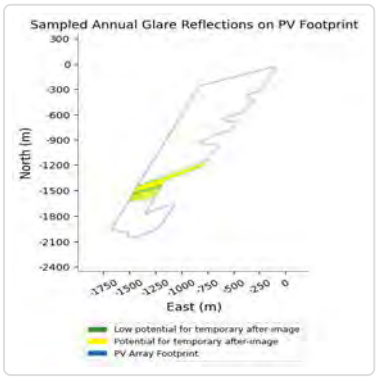
PV array is expected to produce the following glare for this receptor:

- 1,056 minutes of "green" glare with low potential to cause temporary after-image.
- 77 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 35

No glare found

Field D3 Array: OP 36

No glare found

Field D3 Array: OP 37

No glare found

Field D3 Array: OP 38

No glare found

Field D3 Array: OP 39

No glare found

Field D3 Array: OP 40

No glare found

Field D3 Array: OP 41

No glare found

Field D3 Array: OP 42

No glare found

Field D3 Array: OP 43

No glare found

Field D3 Array: OP 44

No glare found

Field D3 Array: OP 45

No glare found

Field D3 Array: OP 46

No glare found

Field D3 Array: OP 47

No glare found

Field D3 Array: OP 48

No glare found

Field D3 Array: OP 49

No glare found

Field D3 Array: OP 50

No glare found

Field D3 Array: OP 51

No glare found

Field D3 Array: OP 52

No glare found

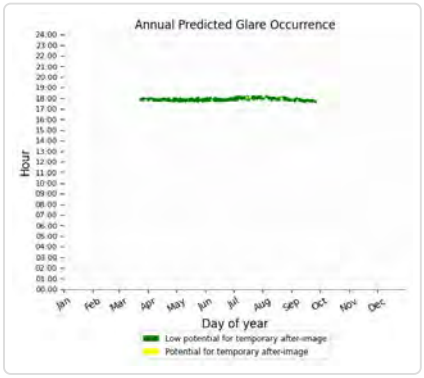
Field D3 Array: OP 53

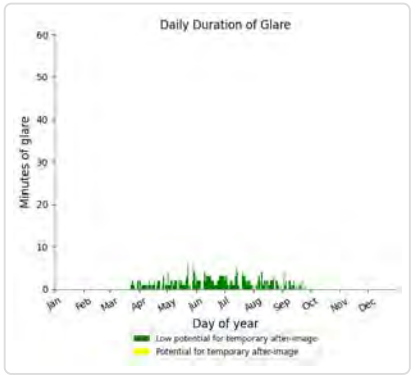
No glare found

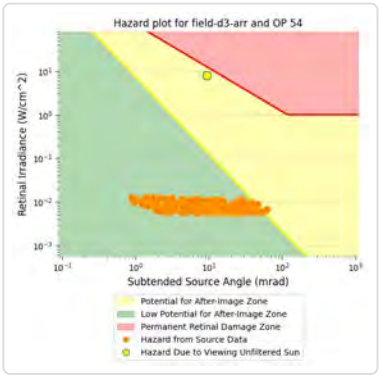
Field D3 Array: OP 54

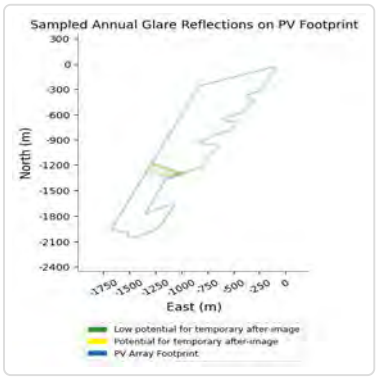
PV array is expected to produce the following glare for this receptor:

- 272 minutes of "green" glare with low potential to cause temporary after-image.
- 2 minutes of "yellow" glare with potential to cause temporary after-image.





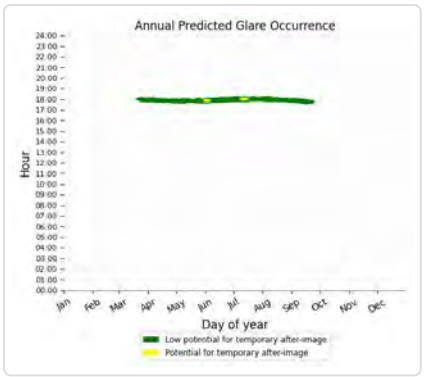


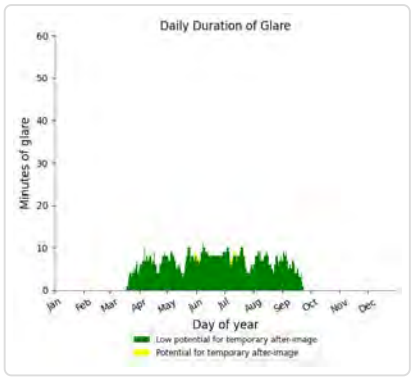


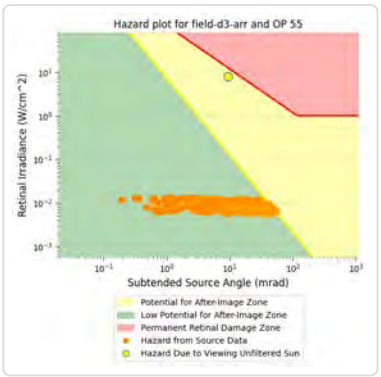
Field D3 Array: OP 55

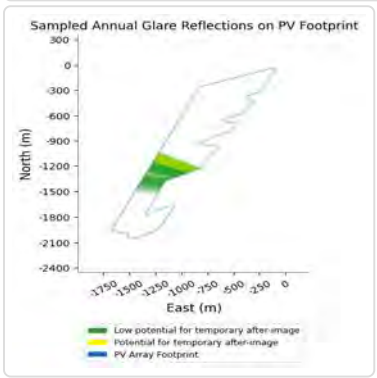
PV array is expected to produce the following glare for this receptor:

- 1,295 minutes of "green" glare with low potential to cause temporary after-image.
- 13 minutes of "yellow" glare with potential to cause temporary after-image.





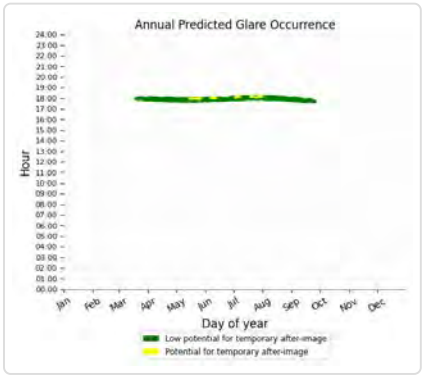


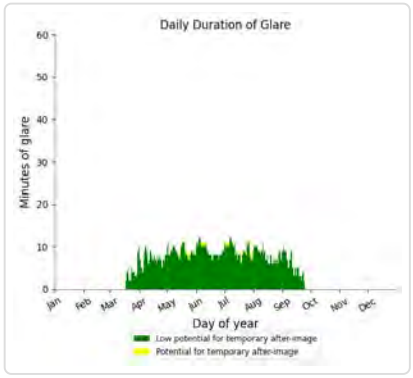


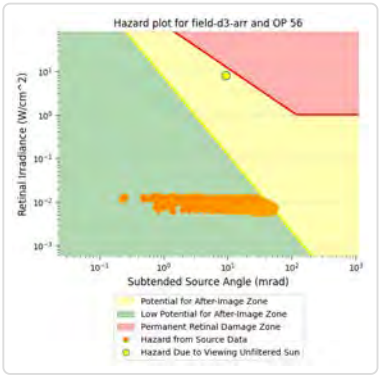
Field D3 Array: OP 56

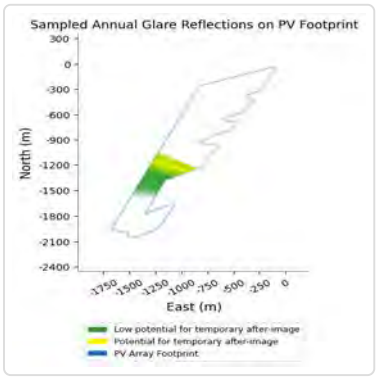
PV array is expected to produce the following glare for this receptor:

- 1,479 minutes of "green" glare with low potential to cause temporary after-image.
- 30 minutes of "yellow" glare with potential to cause temporary after-image.





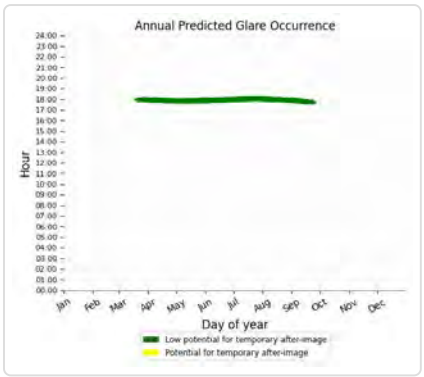


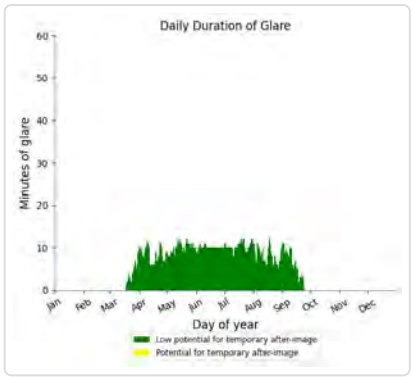


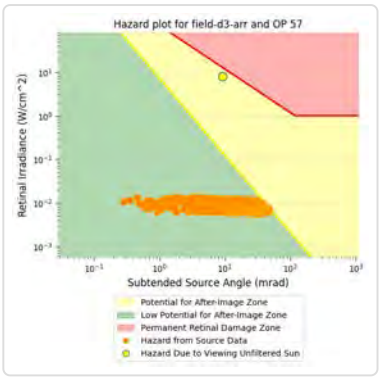
Field D3 Array: OP 57

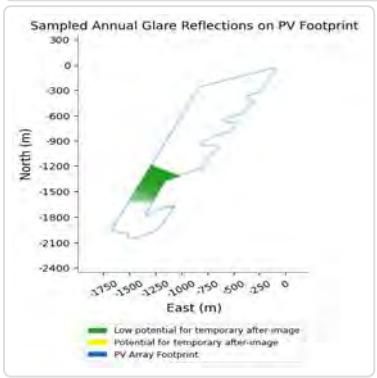
PV array is expected to produce the following glare for this receptor:

- 1,671 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





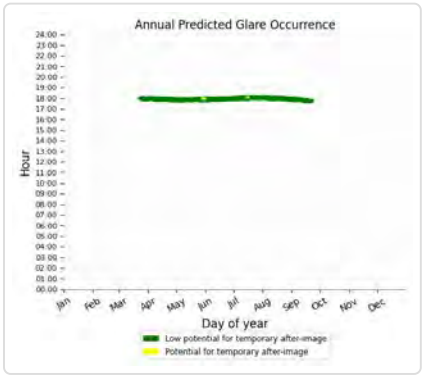


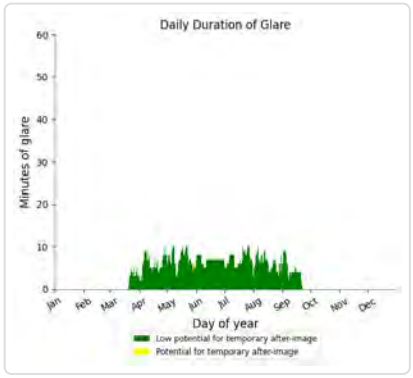


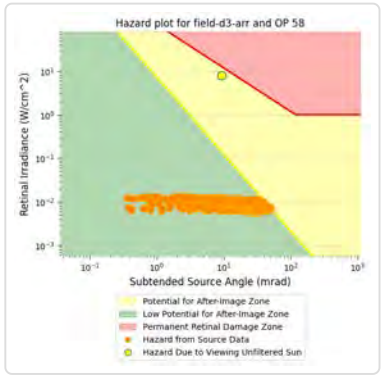
Field D3 Array: OP 58

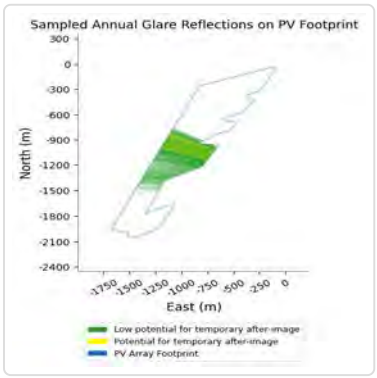
PV array is expected to produce the following glare for this receptor:

- 1,162 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.





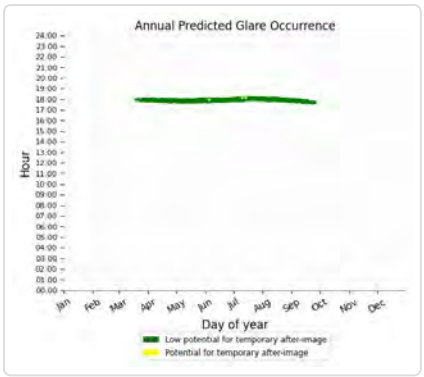


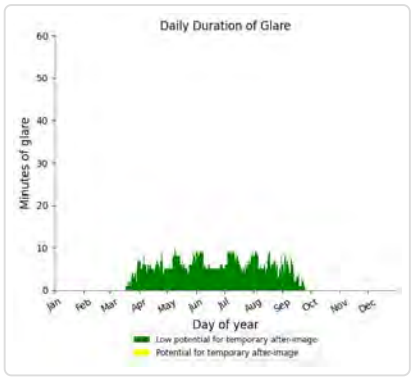


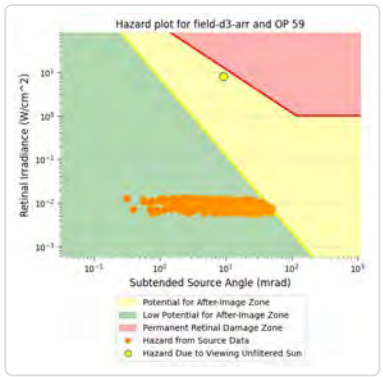
Field D3 Array: OP 59

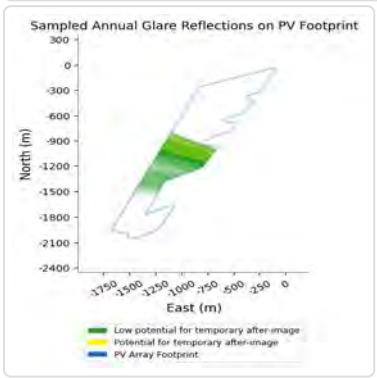
PV array is expected to produce the following glare for this receptor:

- 1,102 minutes of "green" glare with low potential to cause temporary after-image.
- 3 minutes of "yellow" glare with potential to cause temporary after-image.





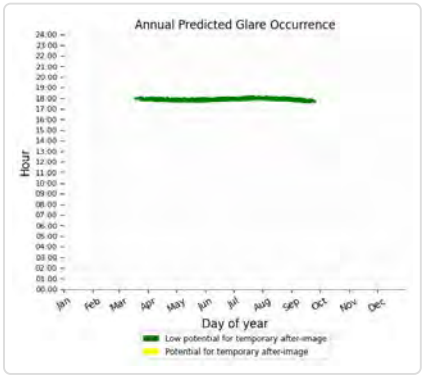


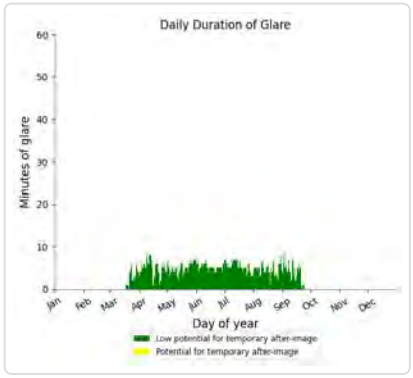


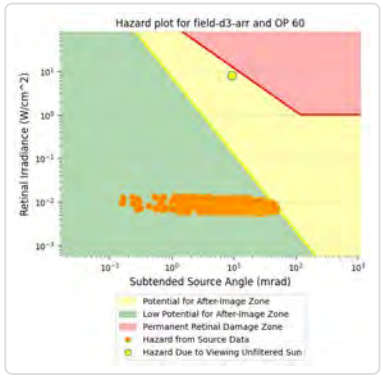
Field D3 Array: OP 60

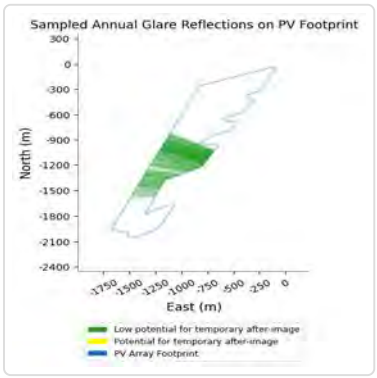
PV array is expected to produce the following glare for this receptor:

- 918 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	739	0
OP: OP 37	929	0
OP: OP 38	0	0
OP: OP 39	49	0
OP: OP 40	0	0
OP: OP 41	390	0
OP: OP 42	565	0
OP: OP 43	448	16
OP: OP 44	923	12
OP: OP 45	0	0
OP: OP 46	16	0
OP: OP 47	1335	155
OP: OP 48	211	0
OP: OP 49	715	297
OP: OP 50	85	1
OP: OP 51	1332	333
OP: OP 52	1324	168
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D5 Array: OP 1

No glare found

Field D5 Array: OP 2

No glare found

Field D5 Array: OP 3

No glare found

Field D5 Array: OP 4

No glare found

Field D5 Array: OP 5

No glare found

Field D5 Array: OP 6

No glare found

Field D5 Array: OP 7

No glare found

Field D5 Array: OP 8

No glare found

Field D5 Array: OP 9

No glare found

Field D5 Array: OP 10

No glare found

Field D5 Array: OP 11

No glare found

Field D5 Array: OP 12

No glare found

Field D5 Array: OP 13

No glare found

Field D5 Array: OP 14

No glare found

Field D5 Array: OP 15

No glare found

Field D5 Array: OP 16

No glare found

Field D5 Array: OP 17

No glare found

Field D5 Array: OP 18

No glare found

Field D5 Array: OP 19

No glare found

Field D5 Array: OP 20

No glare found

Field D5 Array: OP 21

No glare found

Field D5 Array: OP 22

No glare found

Field D5 Array: OP 23

No glare found

Field D5 Array: OP 24

No glare found

Field D5 Array: OP 25

No glare found

Field D5 Array: OP 26

No glare found

Field D5 Array: OP 27

No glare found

Field D5 Array: OP 28

No glare found

Field D5 Array: OP 29

No glare found

Field D5 Array: OP 30

No glare found

Field D5 Array: OP 31

No glare found

Field D5 Array: OP 32

No glare found

Field D5 Array: OP 33

No glare found

Field D5 Array: OP 34

No glare found

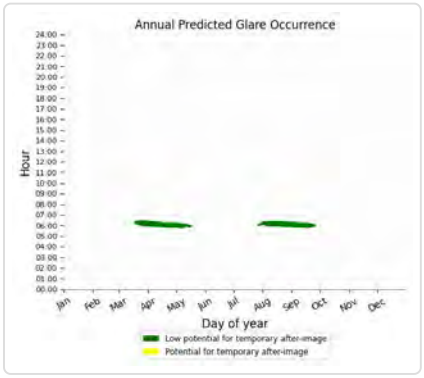
Field D5 Array: OP 35

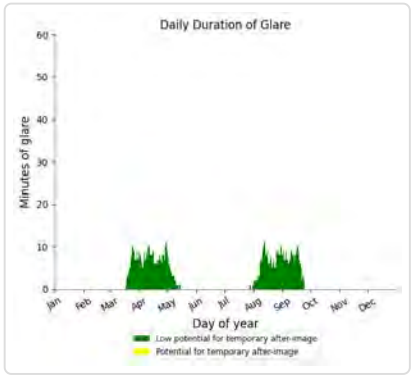
No glare found

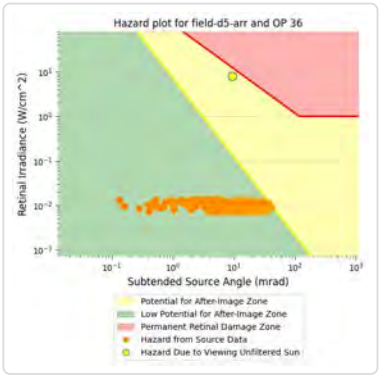
Field D5 Array: OP 36

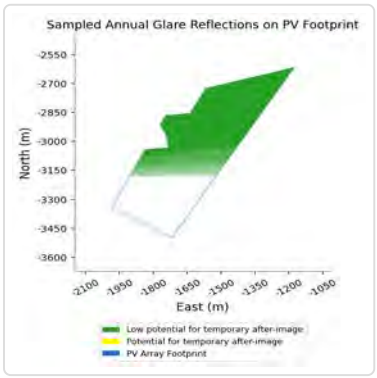
PV array is expected to produce the following glare for this receptor:

- 739 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





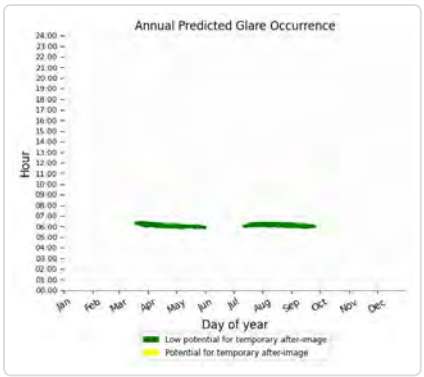


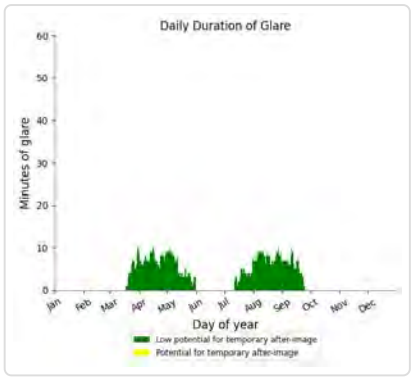


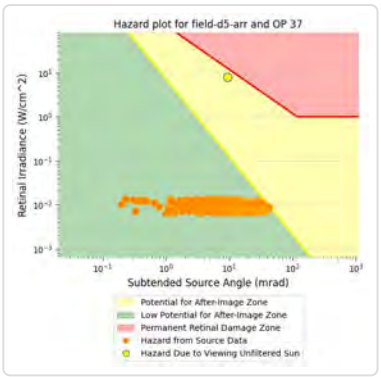
Field D5 Array: OP 37

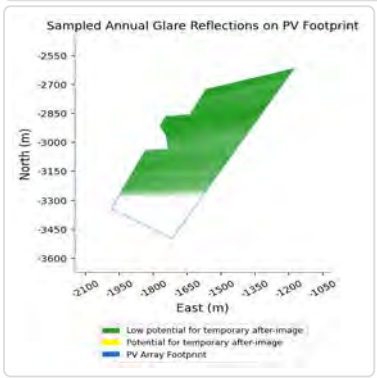
PV array is expected to produce the following glare for this receptor:

- 929 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









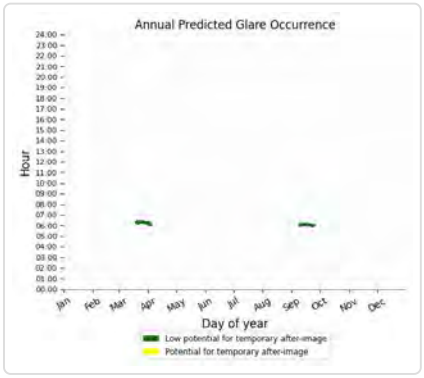
Field D5 Array: OP 38

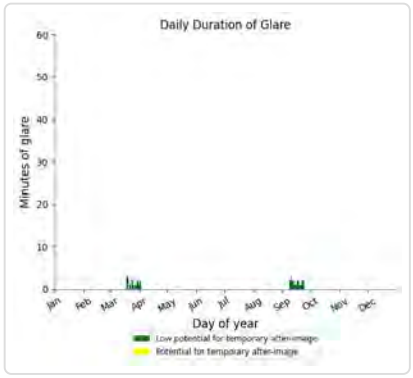
No glare found

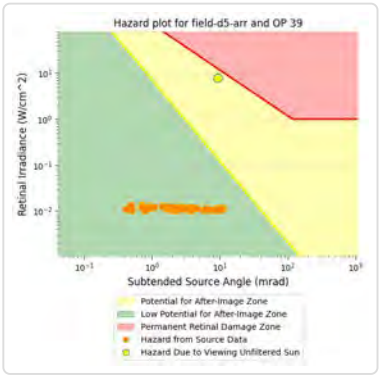
Field D5 Array: OP 39

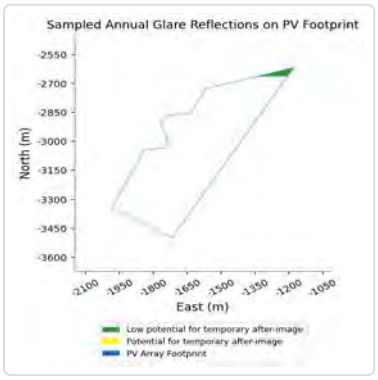
PV array is expected to produce the following glare for this receptor:

- 49 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









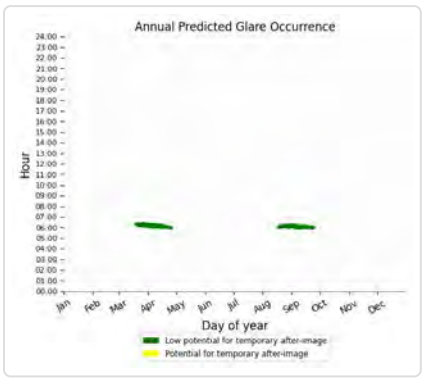
Field D5 Array: OP 40

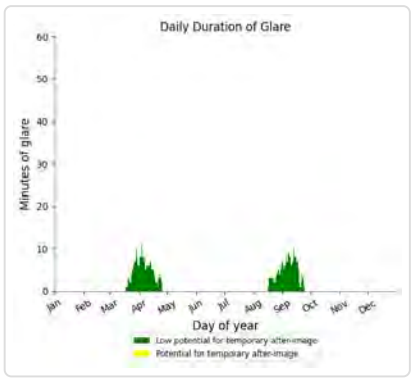
No glare found

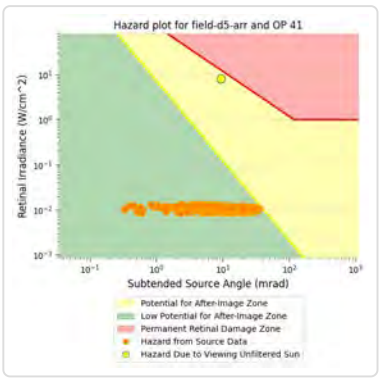
Field D5 Array: OP 41

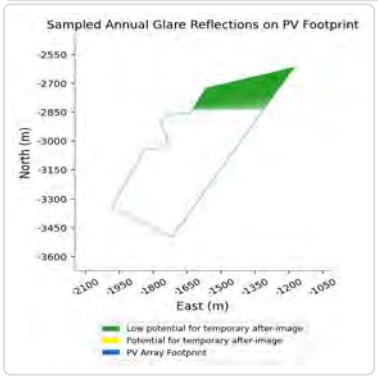
PV array is expected to produce the following glare for this receptor:

- 390 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





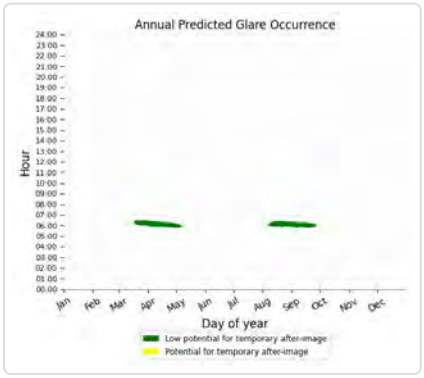


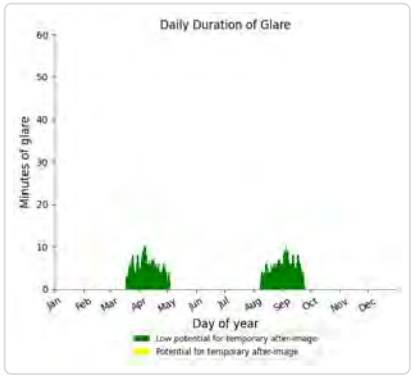


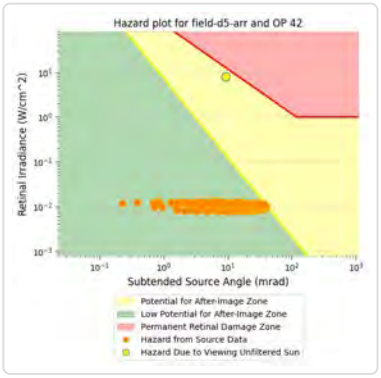
Field D5 Array: OP 42

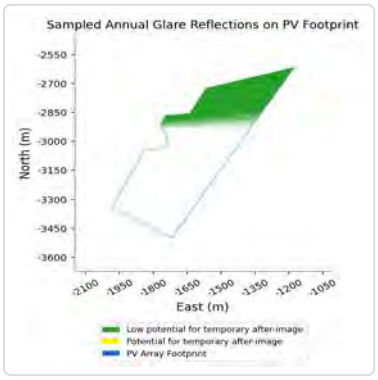
PV array is expected to produce the following glare for this receptor:

- 565 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





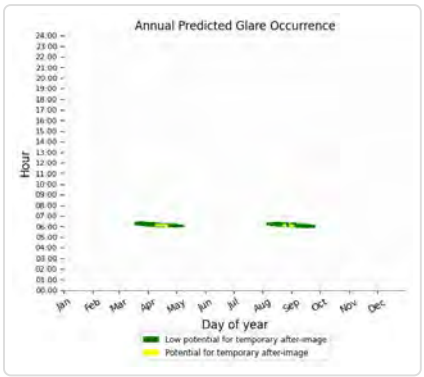


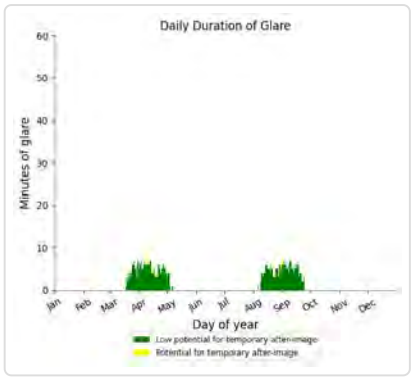


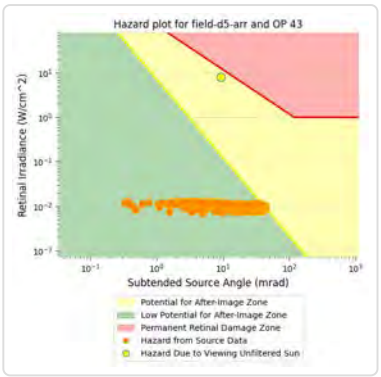
Field D5 Array: OP 43

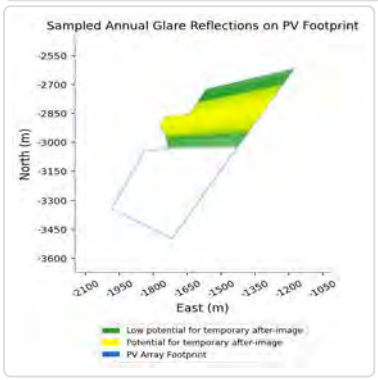
PV array is expected to produce the following glare for this receptor:

- 448 minutes of "green" glare with low potential to cause temporary after-image.
- 16 minutes of "yellow" glare with potential to cause temporary after-image.





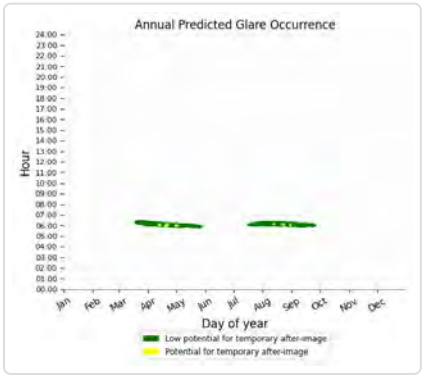


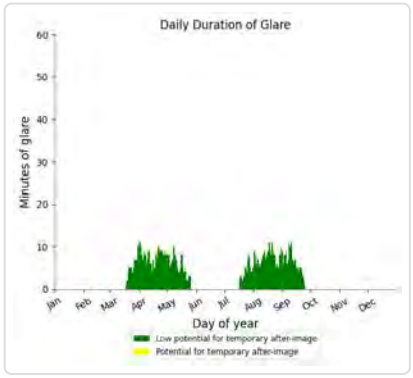


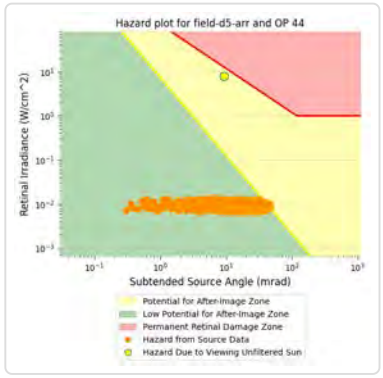
Field D5 Array: OP 44

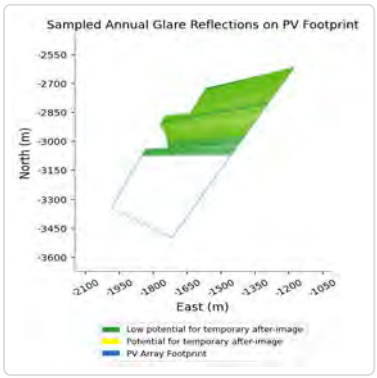
PV array is expected to produce the following glare for this receptor:

- 923 minutes of "green" glare with low potential to cause temporary after-image.
- 12 minutes of "yellow" glare with potential to cause temporary after-image.









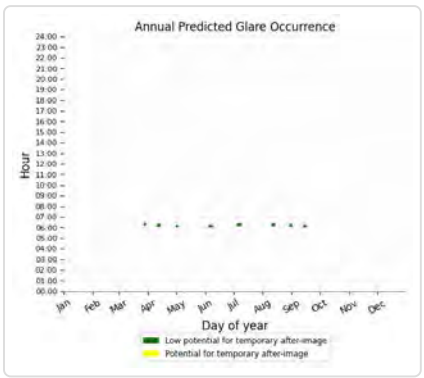
Field D5 Array: OP 45

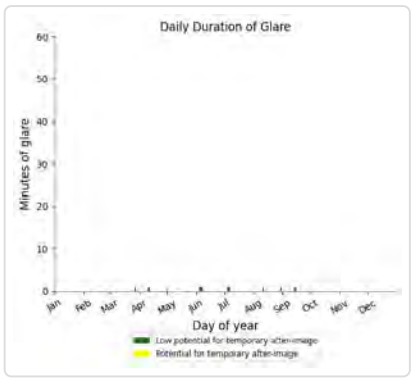
No glare found

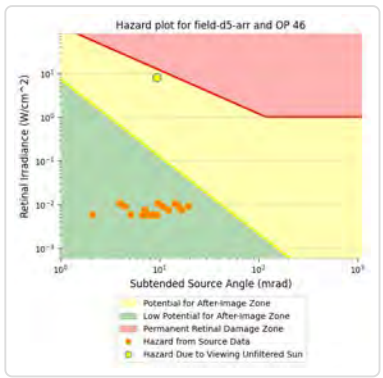
Field D5 Array: OP 46

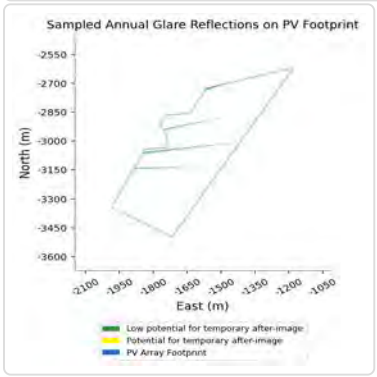
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





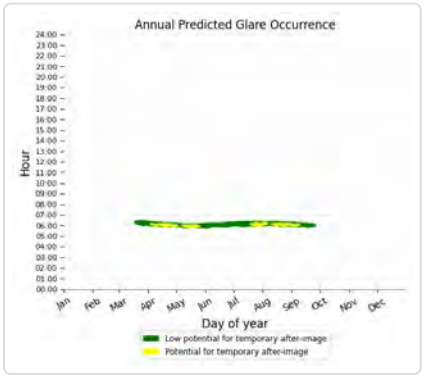


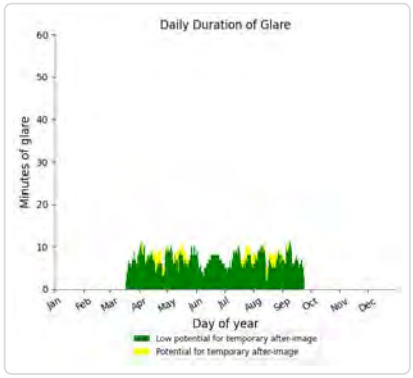


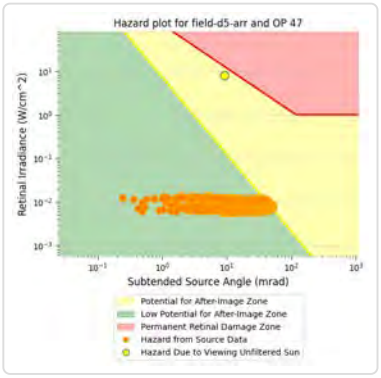
Field D5 Array: OP 47

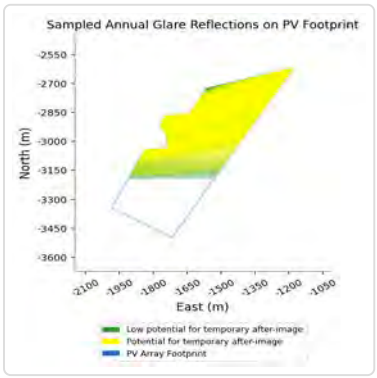
PV array is expected to produce the following glare for this receptor:

- 1,335 minutes of "green" glare with low potential to cause temporary after-image.
- 155 minutes of "yellow" glare with potential to cause temporary after-image.





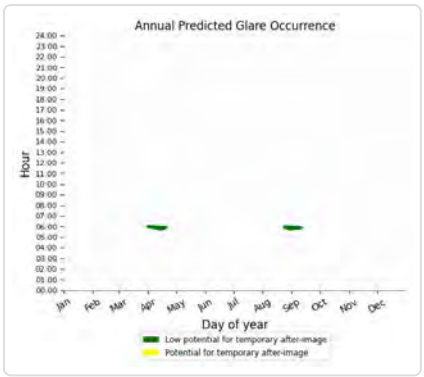


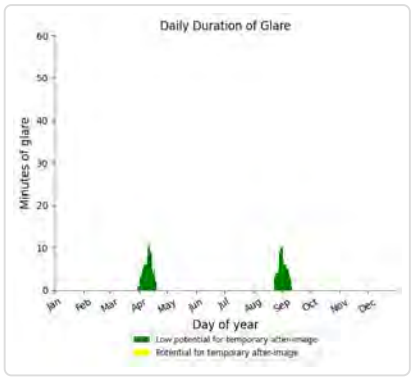


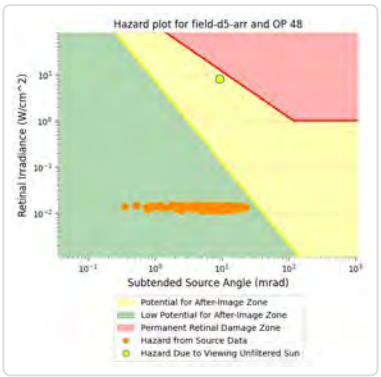
Field D5 Array: OP 48

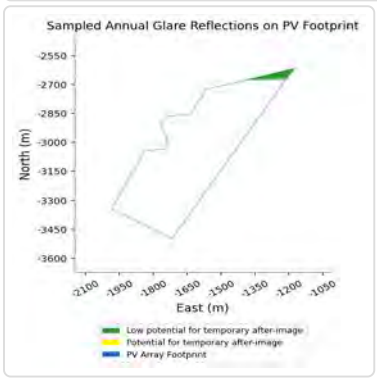
PV array is expected to produce the following glare for this receptor:

- 211 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





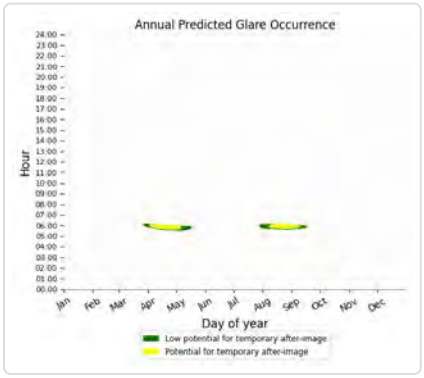


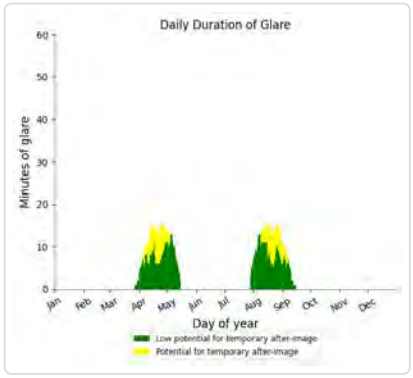


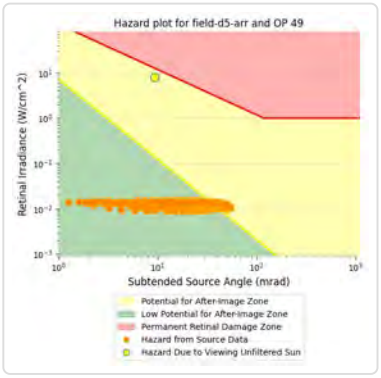
Field D5 Array: OP 49

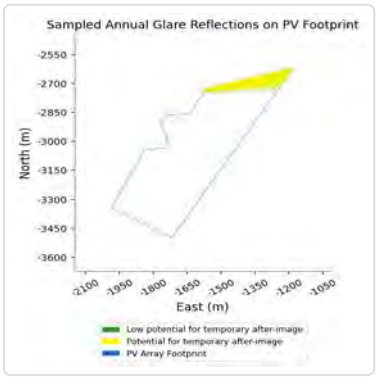
PV array is expected to produce the following glare for this receptor:

- 715 minutes of "green" glare with low potential to cause temporary after-image.
- 297 minutes of "yellow" glare with potential to cause temporary after-image.







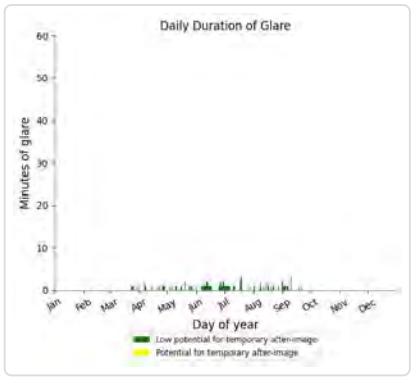


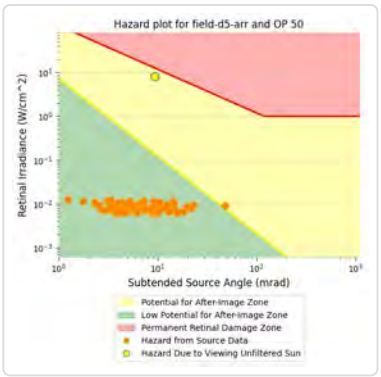
Field D5 Array: OP 50

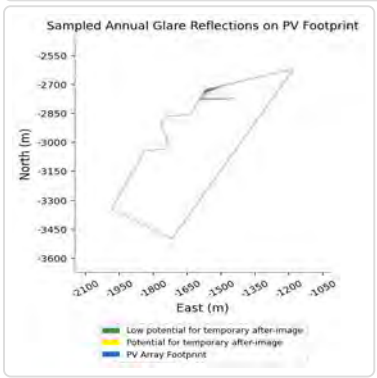
PV array is expected to produce the following glare for this receptor:

- 85 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





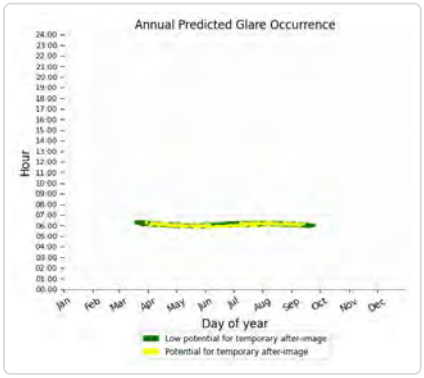


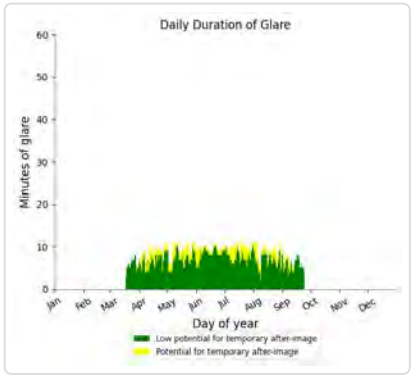


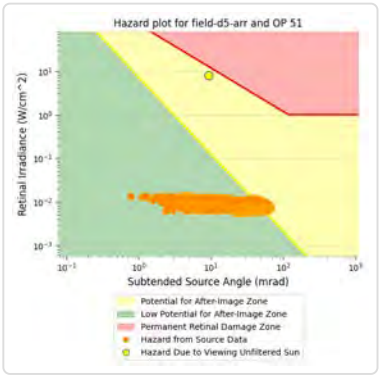
Field D5 Array: OP 51

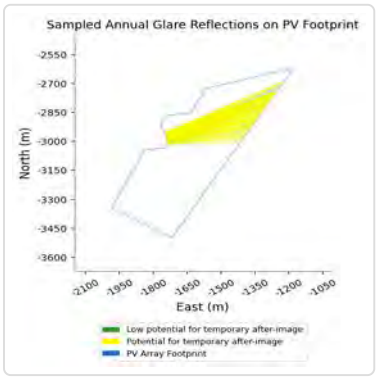
PV array is expected to produce the following glare for this receptor:

- 1,332 minutes of "green" glare with low potential to cause temporary after-image.
- 333 minutes of "yellow" glare with potential to cause temporary after-image.





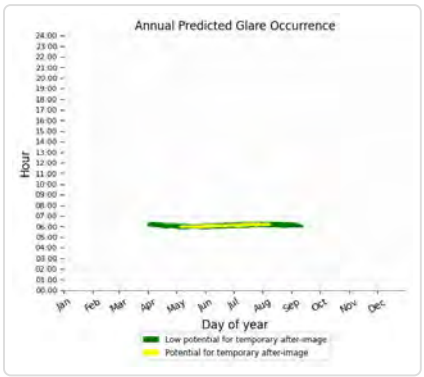


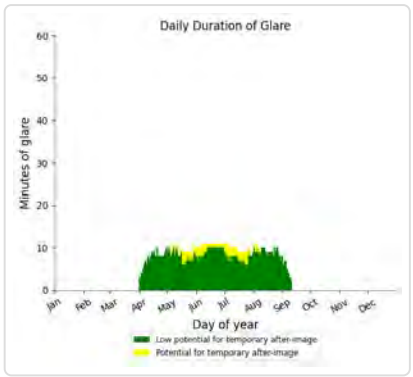


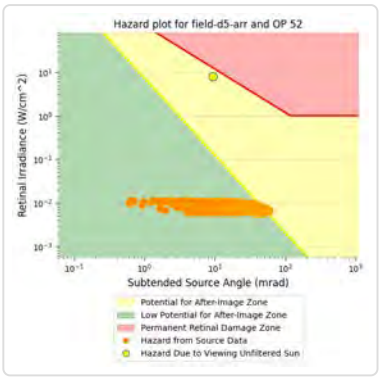
Field D5 Array: OP 52

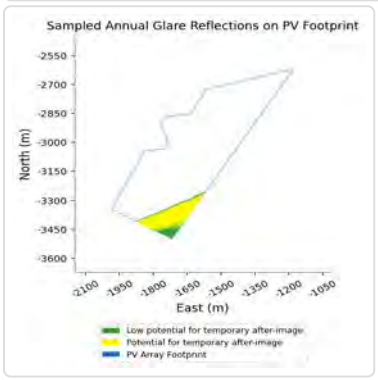
PV array is expected to produce the following glare for this receptor:

- 1,324 minutes of "green" glare with low potential to cause temporary after-image.
- 168 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 53

No glare found

Field D5 Array: OP 54

No glare found

Field D5 Array: OP 55

No glare found

Field D5 Array: OP 56

No glare found

Field D5 Array: OP 57

No glare found

Field D5 Array: OP 58

No glare found

Field D5 Array: OP 59

No glare found

Field D5 Array: OP 60

No glare found

Field D6 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0

OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	314	7
OP: OP 40	517	13
OP: OP 41	21	0
OP: OP 42	15	0
OP: OP 43	17	0
OP: OP 44	0	0
OP: OP 45	24	0
OP: OP 46	1325	355
OP: OP 47	16	0
OP: OP 48	658	1996
OP: OP 49	1457	677
OP: OP 50	1372	407
OP: OP 51	694	1777
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D6 Array: OP 1

No glare found

Field D6 Array: OP 2

No glare found

Field D6 Array: OP 3

No glare found

Field D6 Array: OP 4

No glare found

Field D6 Array: OP 5

No glare found

Field D6 Array: OP 6

No glare found

Field D6 Array: OP 7

No glare found

Field D6 Array: OP 8

No glare found

Field D6 Array: OP 9

No glare found

Field D6 Array: OP 10

No glare found

Field D6 Array: OP 11

No glare found

Field D6 Array: OP 12

No glare found

Field D6 Array: OP 13

No glare found

Field D6 Array: OP 14

No glare found

Field D6 Array: OP 15

No glare found

Field D6 Array: OP 16

No glare found

Field D6 Array: OP 17

No glare found

Field D6 Array: OP 18

No glare found

Field D6 Array: OP 19

No glare found

Field D6 Array: OP 20

No glare found

Field D6 Array: OP 21

No glare found

Field D6 Array: OP 22

No glare found

Field D6 Array: OP 23

No glare found

Field D6 Array: OP 24

No glare found

Field D6 Array: OP 25

No glare found

Field D6 Array: OP 26

No glare found

Field D6 Array: OP 27

No glare found

Field D6 Array: OP 28

No glare found

Field D6 Array: OP 29

No glare found

Field D6 Array: OP 30

No glare found

Field D6 Array: OP 31

No glare found

Field D6 Array: OP 32

No glare found

Field D6 Array: OP 33

No glare found

Field D6 Array: OP 34

No glare found

Field D6 Array: OP 35

No glare found

Field D6 Array: OP 36

No glare found

Field D6 Array: OP 37

No glare found

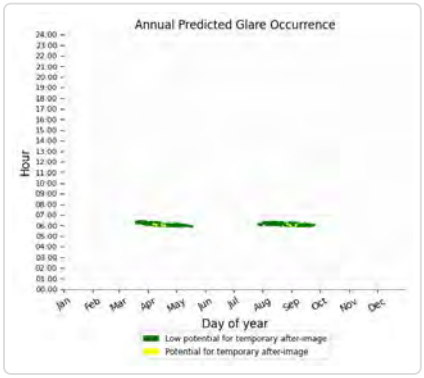
Field D6 Array: OP 38

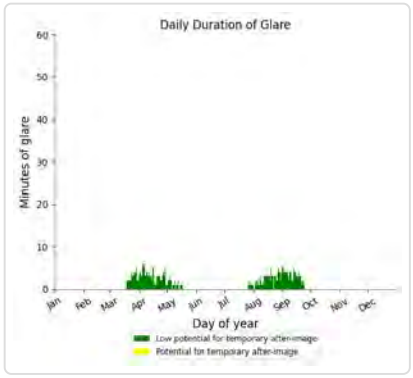
No glare found

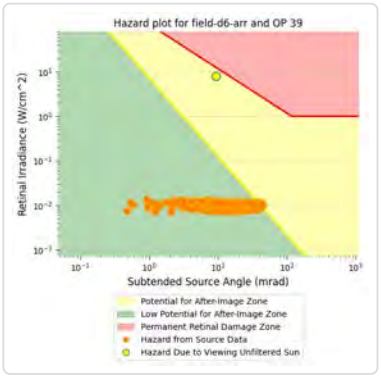
Field D6 Array: OP 39

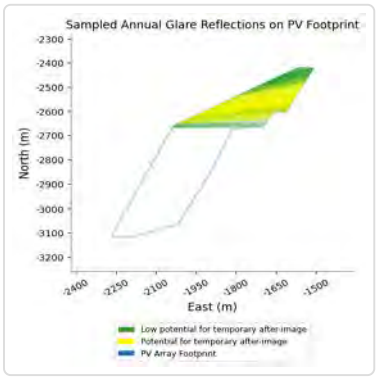
PV array is expected to produce the following glare for this receptor:

- 314 minutes of "green" glare with low potential to cause temporary after-image.
- 7 minutes of "yellow" glare with potential to cause temporary after-image.





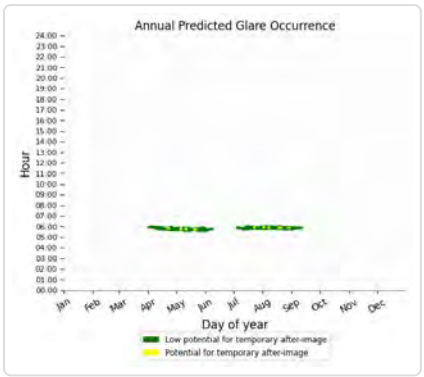


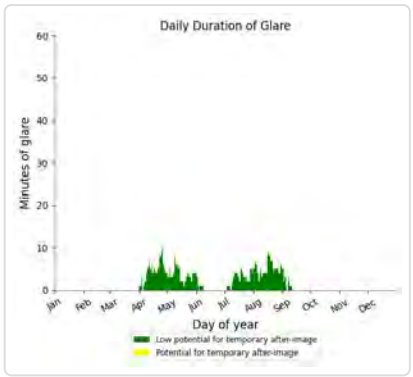


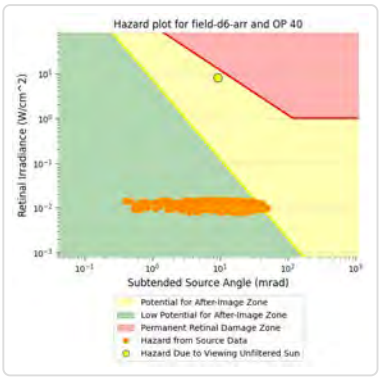
Field D6 Array: OP 40

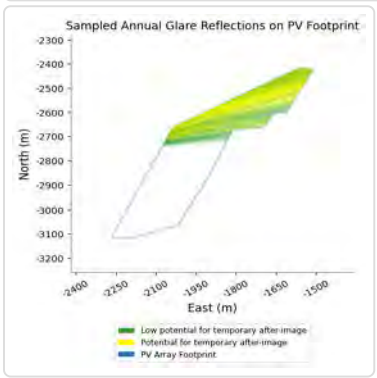
PV array is expected to produce the following glare for this receptor:

- 517 minutes of "green" glare with low potential to cause temporary after-image.
- 13 minutes of "yellow" glare with potential to cause temporary after-image.





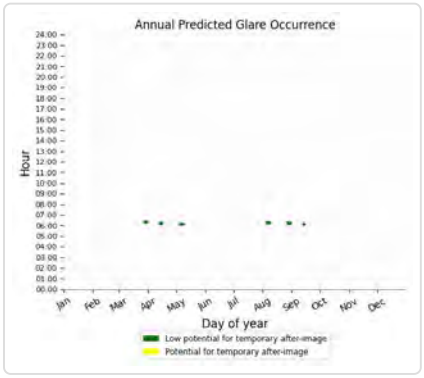


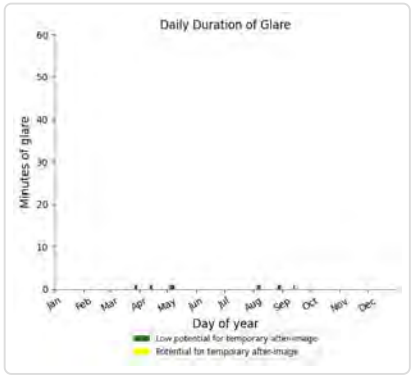


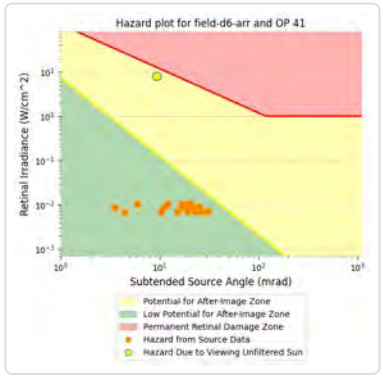
Field D6 Array: OP 41

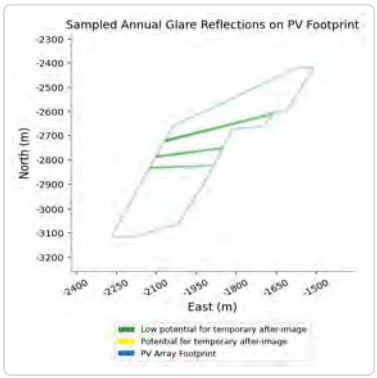
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





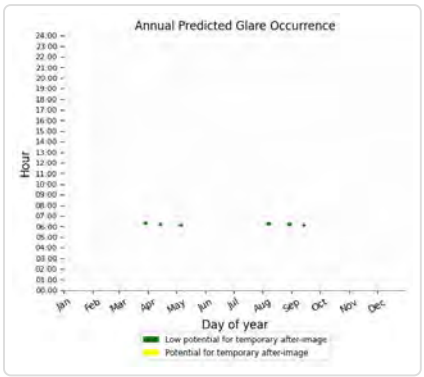




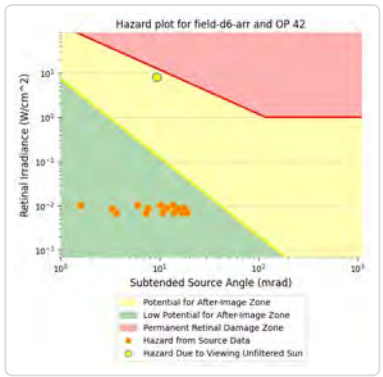
Field D6 Array: OP 42

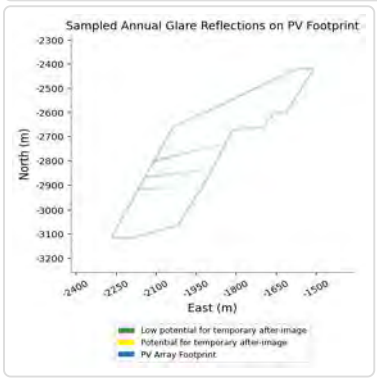
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





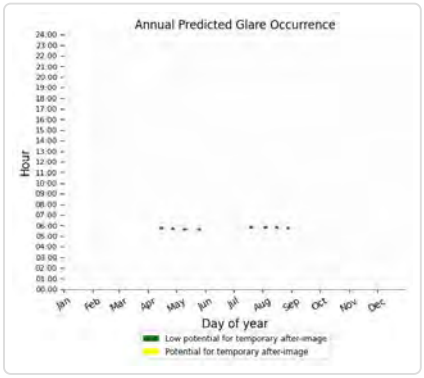


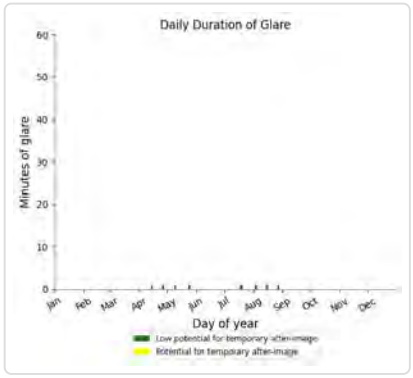


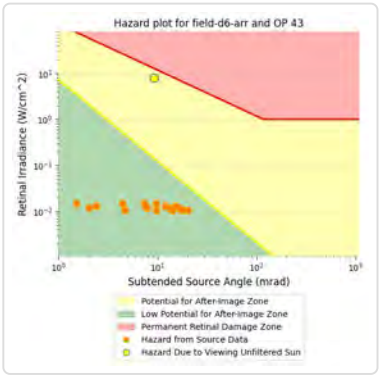
Field D6 Array: OP 43

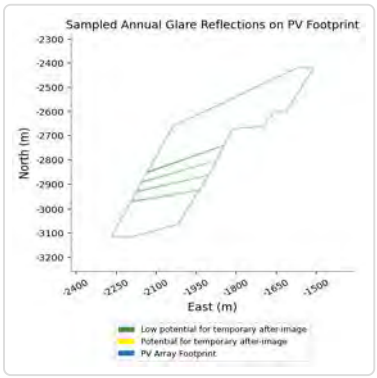
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









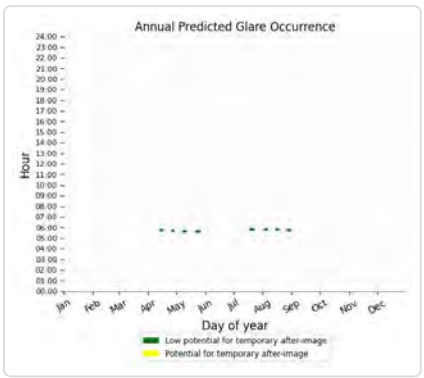
Field D6 Array: OP 44

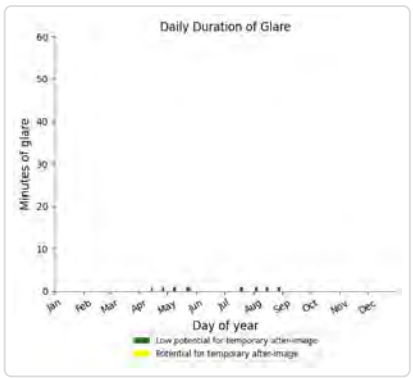
No glare found

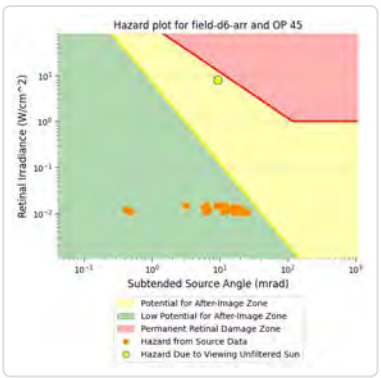
Field D6 Array: OP 45

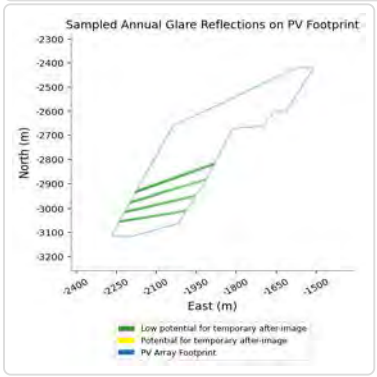
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





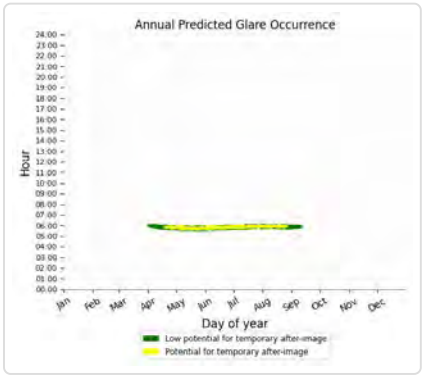


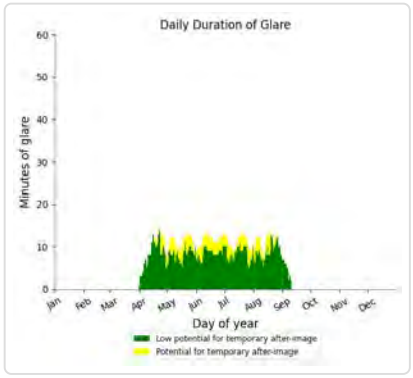


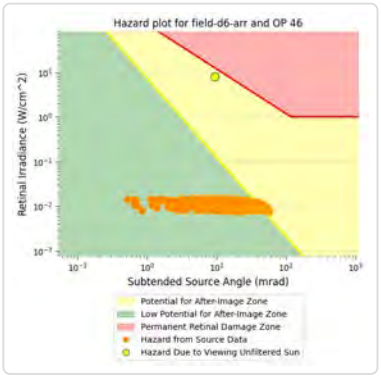
Field D6 Array: OP 46

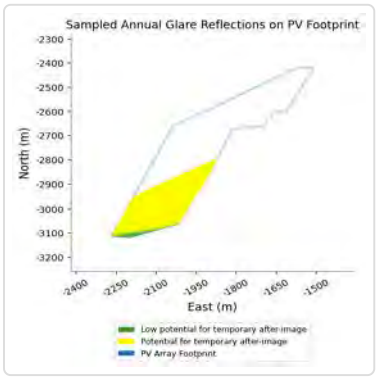
PV array is expected to produce the following glare for this receptor:

- 1,325 minutes of "green" glare with low potential to cause temporary after-image.
- 355 minutes of "yellow" glare with potential to cause temporary after-image.





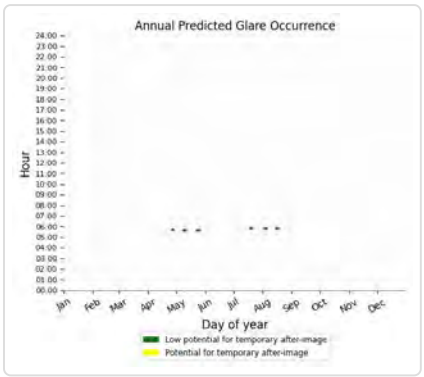




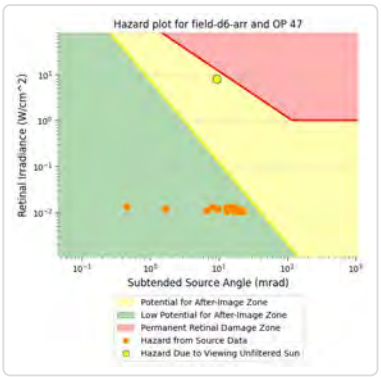
Field D6 Array: OP 47

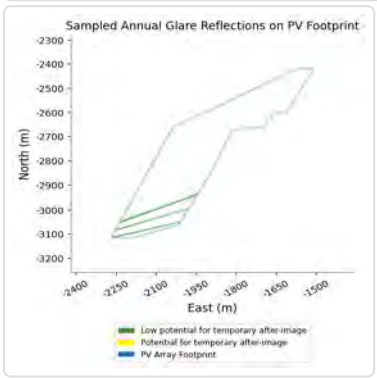
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





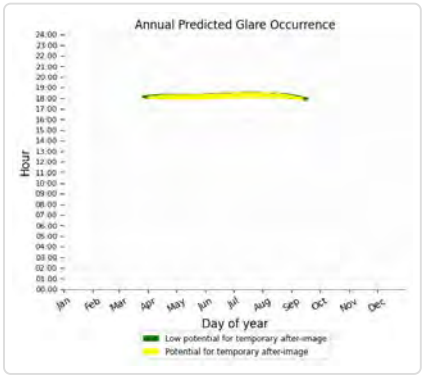


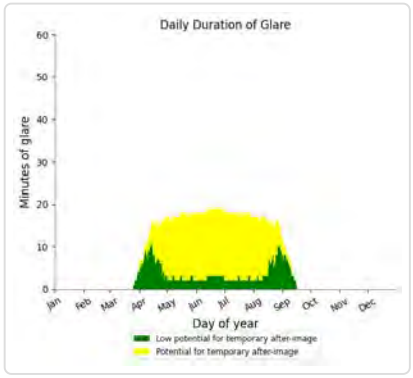


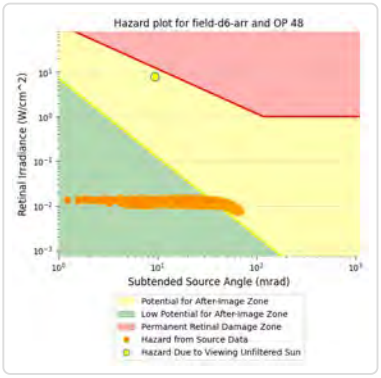
Field D6 Array: OP 48

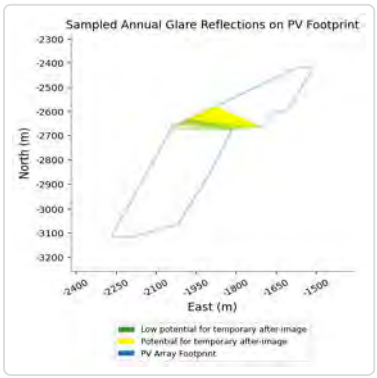
PV array is expected to produce the following glare for this receptor:

- 658 minutes of "green" glare with low potential to cause temporary after-image.
- 1,996 minutes of "yellow" glare with potential to cause temporary after-image.





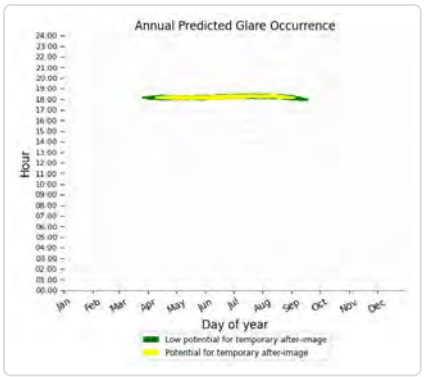


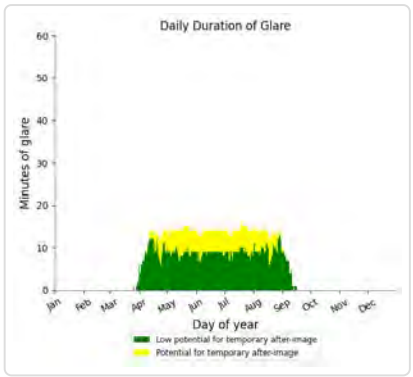


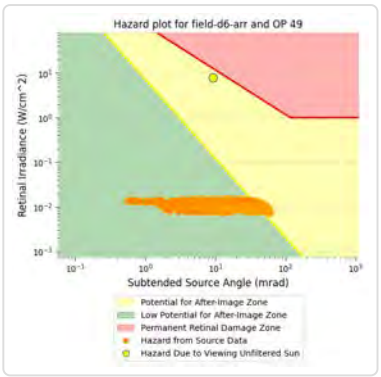
Field D6 Array: OP 49

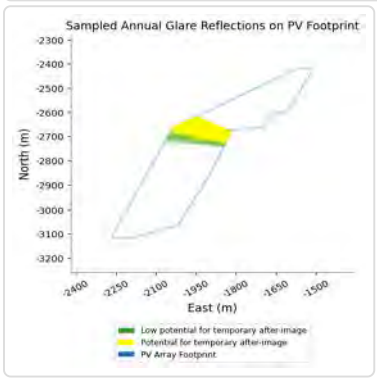
PV array is expected to produce the following glare for this receptor:

- 1,457 minutes of "green" glare with low potential to cause temporary after-image.
- 677 minutes of "yellow" glare with potential to cause temporary after-image.





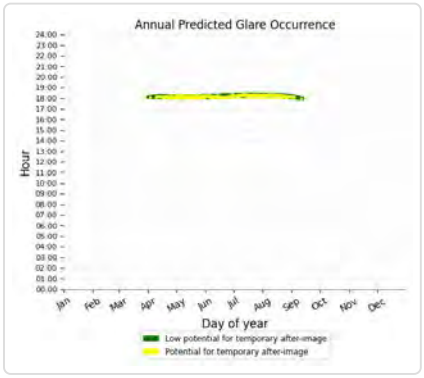


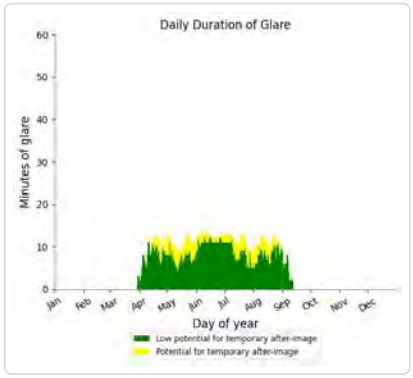


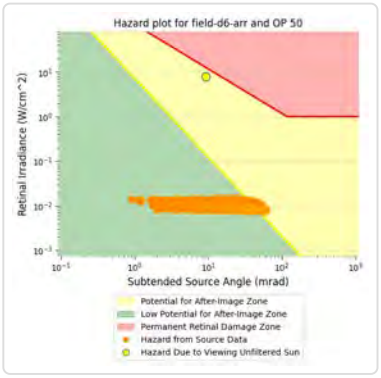
Field D6 Array: OP 50

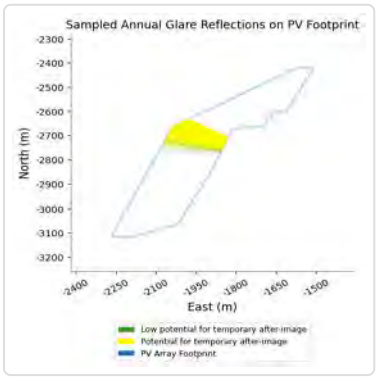
PV array is expected to produce the following glare for this receptor:

- 1,372 minutes of "green" glare with low potential to cause temporary after-image.
- 407 minutes of "yellow" glare with potential to cause temporary after-image.





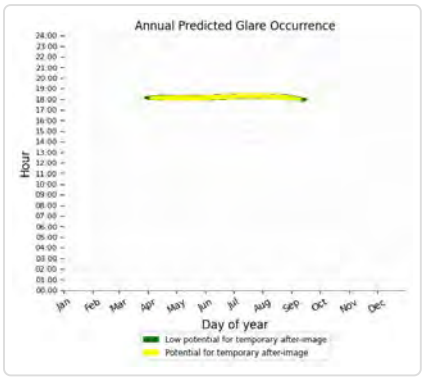


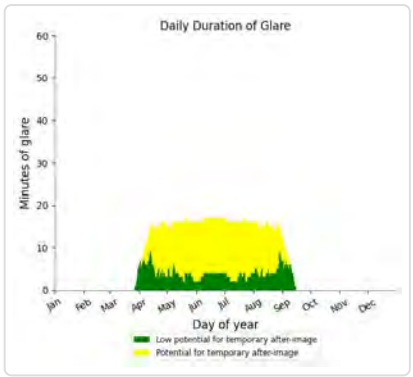


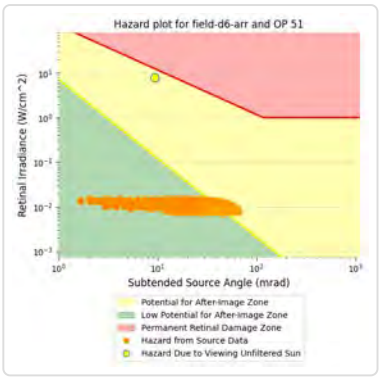
Field D6 Array: OP 51

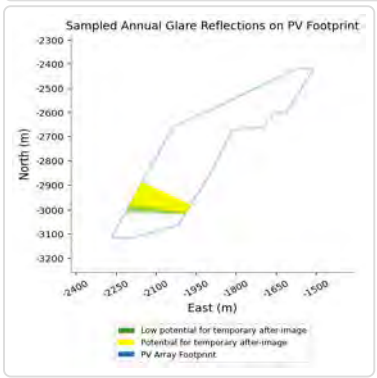
PV array is expected to produce the following glare for this receptor:

- 694 minutes of "green" glare with low potential to cause temporary after-image.
- 1,777 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 52

No glare found

Field D6 Array: OP 53

No glare found

Field D6 Array: OP 54

No glare found

Field D6 Array: OP 55

No glare found

Field D6 Array: OP 56

No glare found

Field D6 Array: OP 57

No glare found

Field D6 Array: OP 58

No glare found

Field D6 Array: OP 59

No glare found

Field D6 Array: OP 60

No glare found

Field D7 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0

OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	117	0
OP: OP 34	0	0
OP: OP 35	505	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	564	0
OP: OP 39	673	0
OP: OP 40	662	16
OP: OP 41	690	10
OP: OP 42	738	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	22	0
OP: OP 49	593	141
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D7 Array: OP 1

No glare found

Field D7 Array: OP 2

No glare found

Field D7 Array: OP 3

No glare found

Field D7 Array: OP 4

No glare found

Field D7 Array: OP 5

No glare found

Field D7 Array: OP 6

No glare found

Field D7 Array: OP 7

No glare found

Field D7 Array: OP 8

No glare found

Field D7 Array: OP 9

No glare found

Field D7 Array: OP 10

No glare found

Field D7 Array: OP 11

No glare found

Field D7 Array: OP 12

No glare found

Field D7 Array: OP 13

No glare found

Field D7 Array: OP 14

No glare found

Field D7 Array: OP 15

No glare found

Field D7 Array: OP 16

No glare found

Field D7 Array: OP 17

No glare found

Field D7 Array: OP 18

No glare found

Field D7 Array: OP 19

No glare found

Field D7 Array: OP 20

No glare found

Field D7 Array: OP 21

No glare found

Field D7 Array: OP 22

No glare found

Field D7 Array: OP 23

No glare found

Field D7 Array: OP 24

No glare found

Field D7 Array: OP 25

No glare found

Field D7 Array: OP 26

No glare found

Field D7 Array: OP 27

No glare found

Field D7 Array: OP 28

No glare found

Field D7 Array: OP 29

No glare found

Field D7 Array: OP 30

No glare found

Field D7 Array: OP 31

No glare found

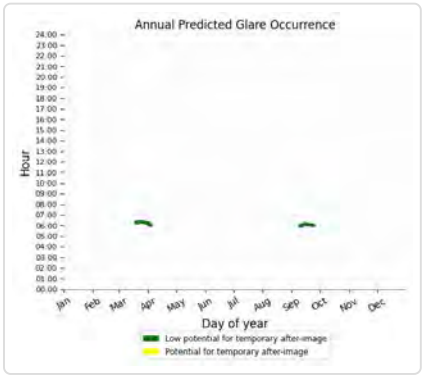
Field D7 Array: OP 32

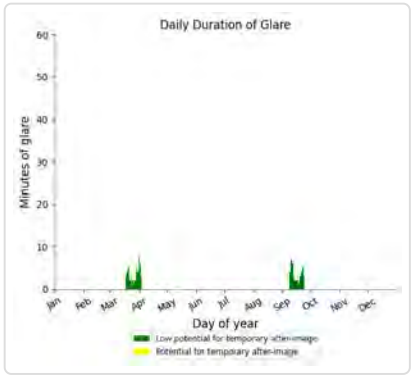
No glare found

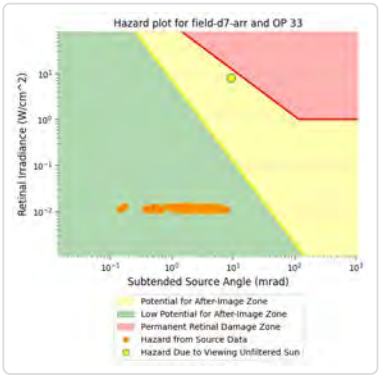
Field D7 Array: OP 33

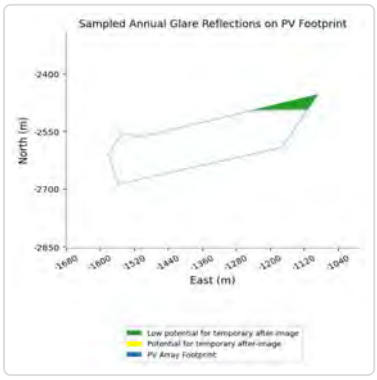
PV array is expected to produce the following glare for this receptor:

- 117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









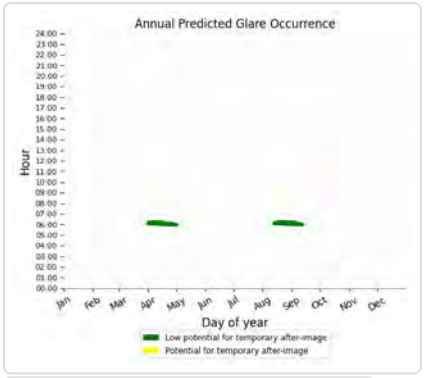
Field D7 Array: OP 34

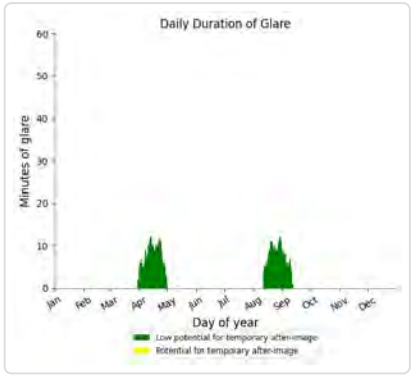
No glare found

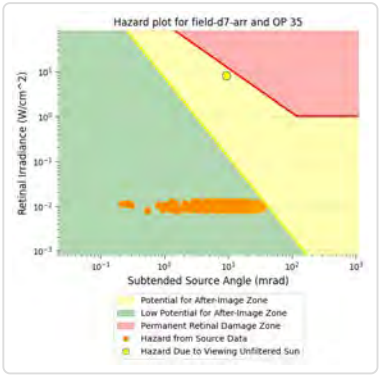
Field D7 Array: OP 35

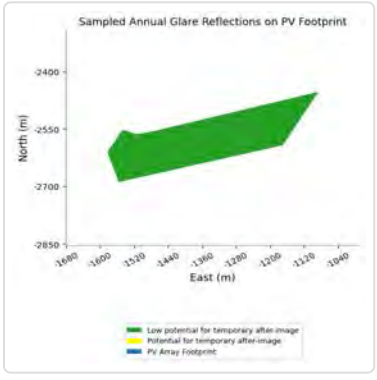
PV array is expected to produce the following glare for this receptor:

- 505 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 36

No glare found

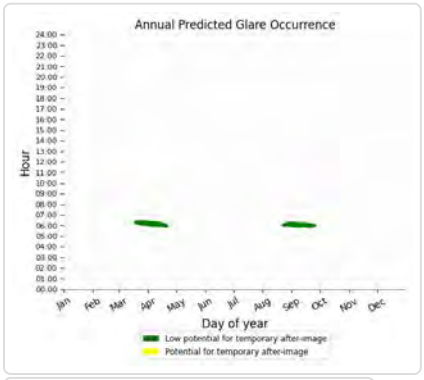
Field D7 Array: OP 37

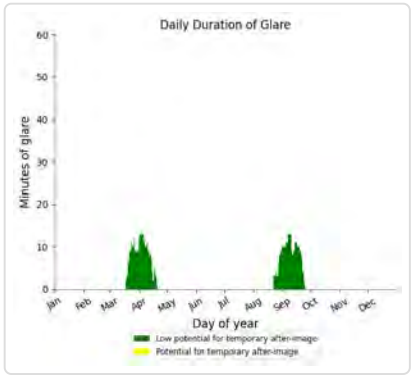
No glare found

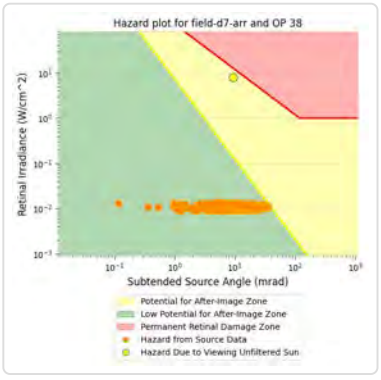
Field D7 Array: OP 38

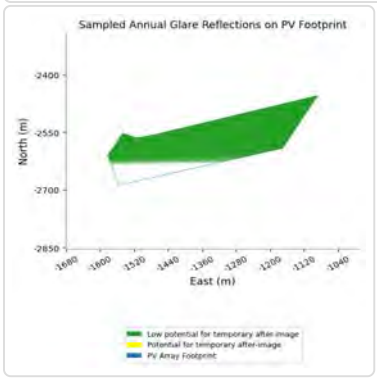
PV array is expected to produce the following glare for this receptor:

- 564 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





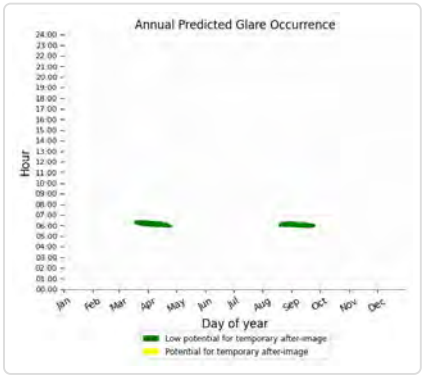


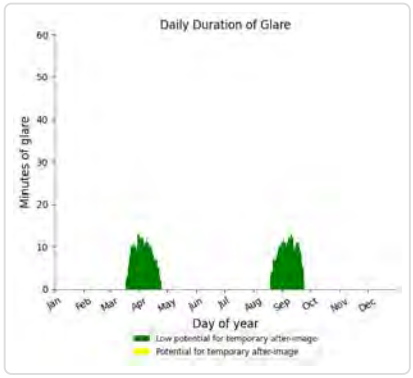


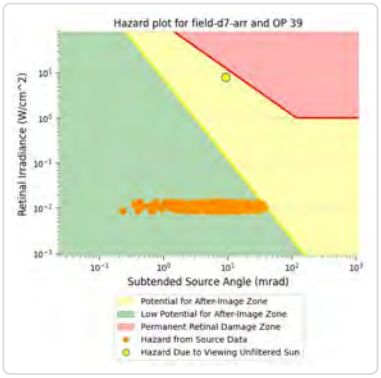
Field D7 Array: OP 39

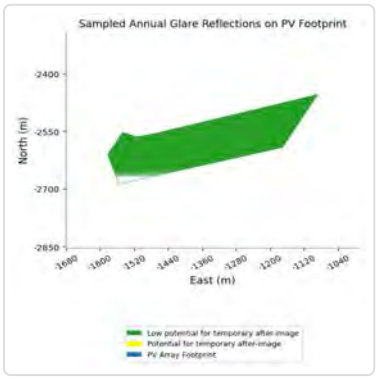
PV array is expected to produce the following glare for this receptor:

- 673 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





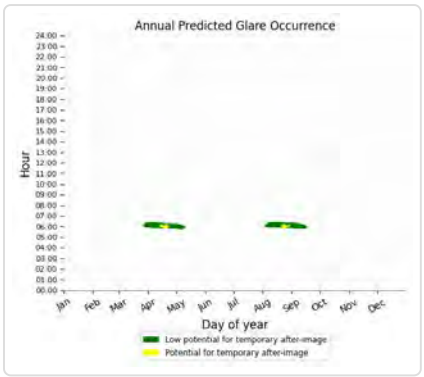


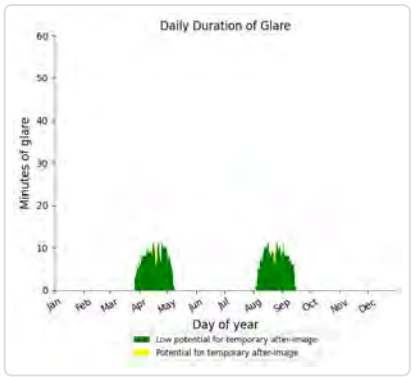


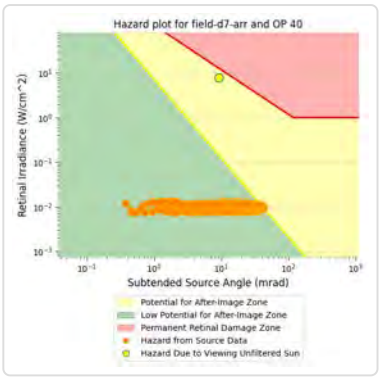
Field D7 Array: OP 40

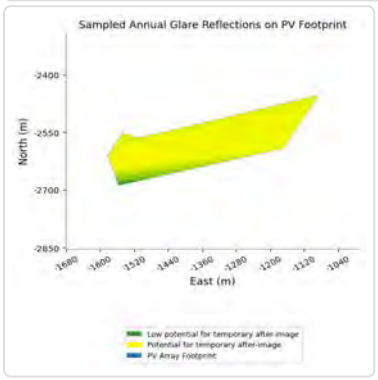
PV array is expected to produce the following glare for this receptor:

- 662 minutes of "green" glare with low potential to cause temporary after-image.
- 16 minutes of "yellow" glare with potential to cause temporary after-image.





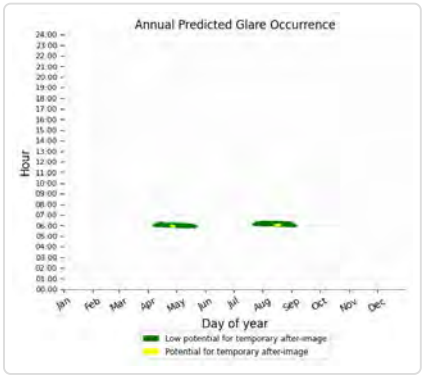


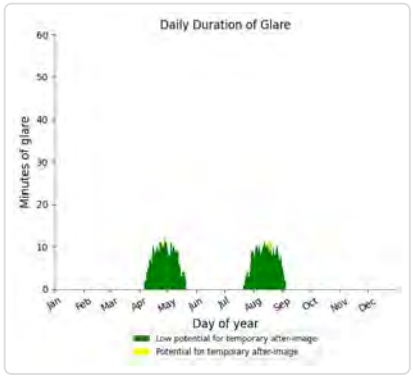


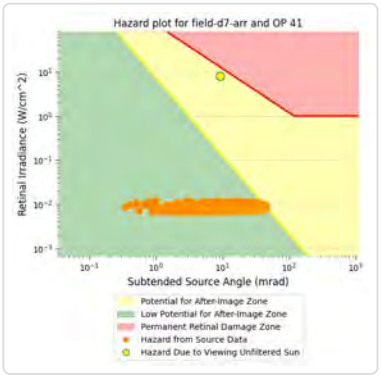
Field D7 Array: OP 41

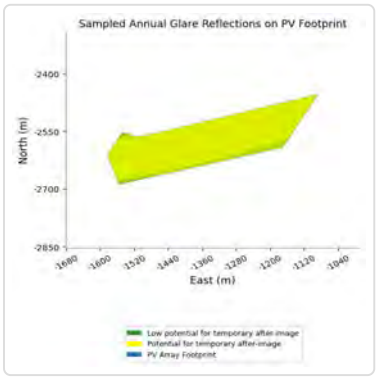
PV array is expected to produce the following glare for this receptor:

- 690 minutes of "green" glare with low potential to cause temporary after-image.
- 10 minutes of "yellow" glare with potential to cause temporary after-image.





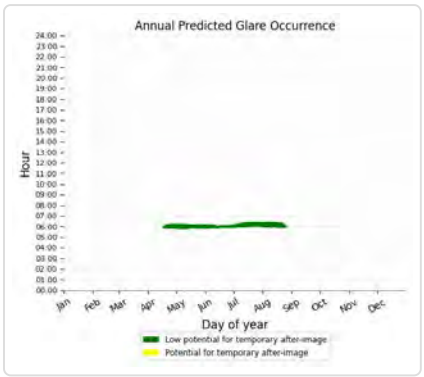




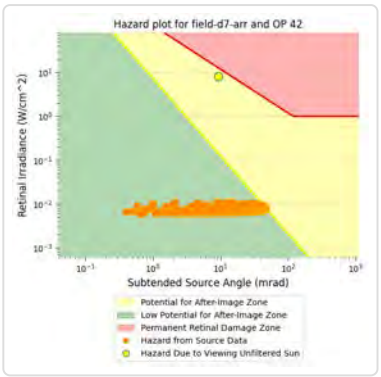
Field D7 Array: OP 42

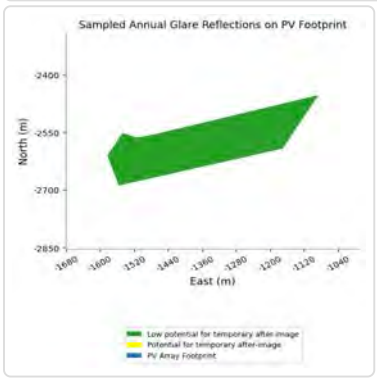
PV array is expected to produce the following glare for this receptor:

- 738 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 43

No glare found

Field D7 Array: OP 44

No glare found

Field D7 Array: OP 45

No glare found

Field D7 Array: OP 46

No glare found

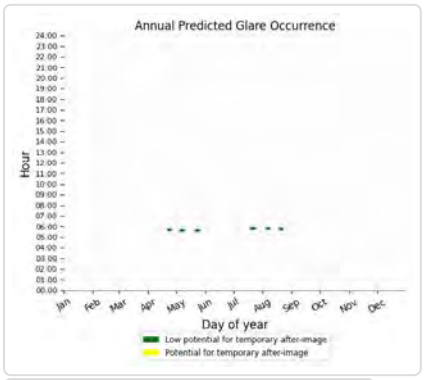
Field D7 Array: OP 47

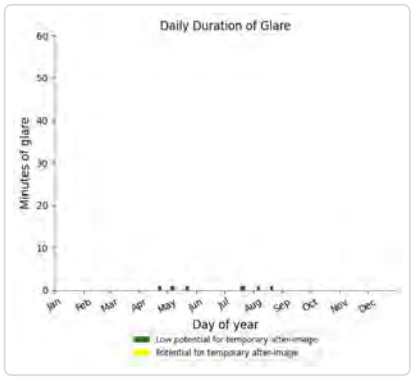
No glare found

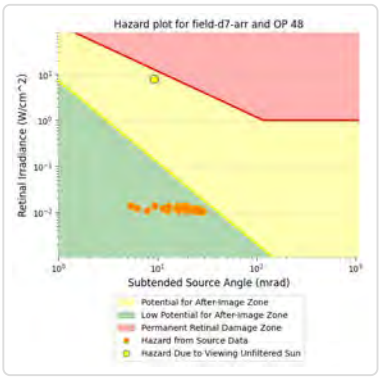
Field D7 Array: OP 48

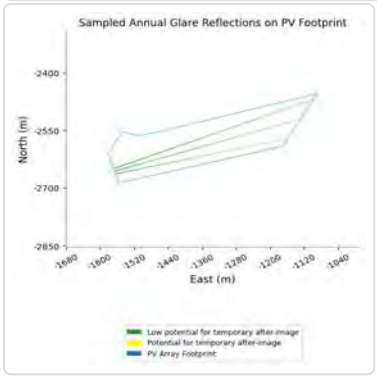
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





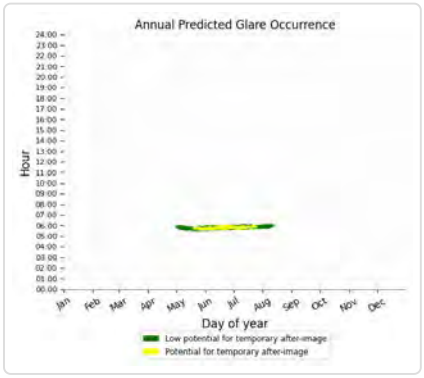


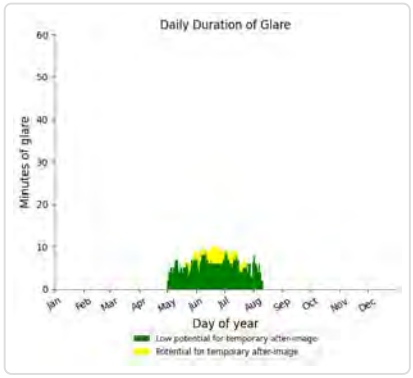


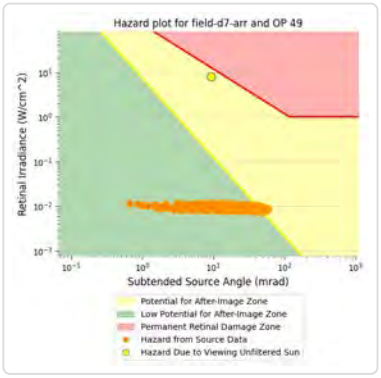
Field D7 Array: OP 49

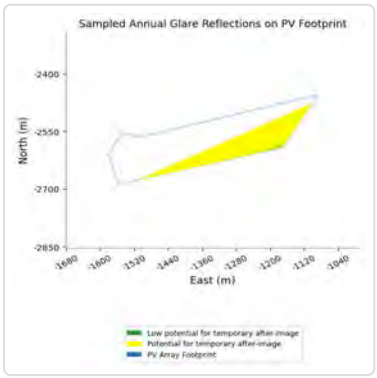
PV array is expected to produce the following glare for this receptor:

- 593 minutes of "green" glare with low potential to cause temporary after-image.
- 141 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 50

No glare found

Field D7 Array: OP 51

No glare found

Field D7 Array: OP 52

No glare found

Field D7 Array: OP 53

No glare found

Field D7 Array: OP 54

No glare found

Field D7 Array: OP 55

No glare found

Field D7 Array: OP 56

No glare found

Field D7 Array: OP 57

No glare found

Field D7 Array: OP 58

No glare found

Field D7 Array: OP 59

No glare found

Field D7 Array: OP 60

No glare found

Field D8 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	27	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	357	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D8 Array: OP 1

No glare found

Field D8 Array: OP 2

No glare found

Field D8 Array: OP 3

No glare found

Field D8 Array: OP 4

No glare found

Field D8 Array: OP 5

No glare found

Field D8 Array: OP 6

No glare found

Field D8 Array: OP 7

No glare found

Field D8 Array: OP 8

No glare found

Field D8 Array: OP 9

No glare found

Field D8 Array: OP 10

No glare found

Field D8 Array: OP 11

No glare found

Field D8 Array: OP 12

No glare found

Field D8 Array: OP 13

No glare found

Field D8 Array: OP 14

No glare found

Field D8 Array: OP 15

No glare found

Field D8 Array: OP 16

No glare found

Field D8 Array: OP 17

No glare found

Field D8 Array: OP 18

No glare found

Field D8 Array: OP 19

No glare found

Field D8 Array: OP 20

No glare found

Field D8 Array: OP 21

No glare found

Field D8 Array: OP 22

No glare found

Field D8 Array: OP 23

No glare found

Field D8 Array: OP 24

No glare found

Field D8 Array: OP 25

No glare found

Field D8 Array: OP 26

No glare found

Field D8 Array: OP 27

No glare found

Field D8 Array: OP 28

No glare found

Field D8 Array: OP 29

No glare found

Field D8 Array: OP 30

No glare found

Field D8 Array: OP 31

No glare found

Field D8 Array: OP 32

No glare found

Field D8 Array: OP 33

No glare found

Field D8 Array: OP 34

No glare found

Field D8 Array: OP 35

No glare found

Field D8 Array: OP 36

No glare found

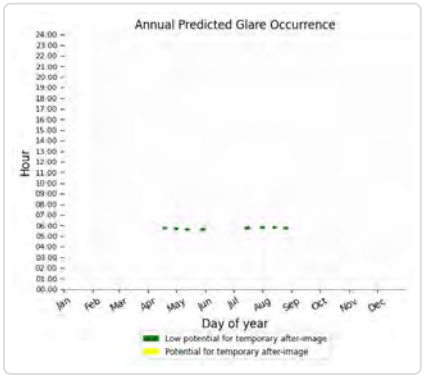
Field D8 Array: OP 37

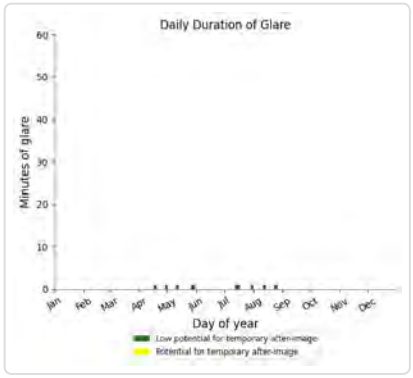
No glare found

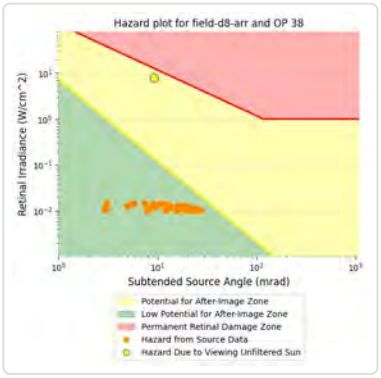
Field D8 Array: OP 38

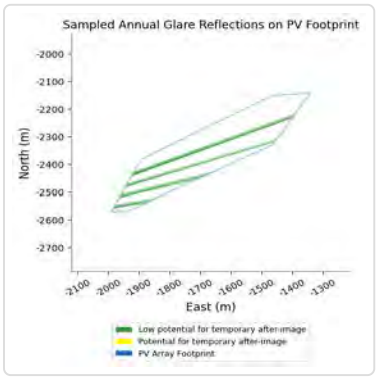
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 39

No glare found

Field D8 Array: OP 40

No glare found

Field D8 Array: OP 41

No glare found

Field D8 Array: OP 42

No glare found

Field D8 Array: OP 43

No glare found

Field D8 Array: OP 44

No glare found

Field D8 Array: OP 45

No glare found

Field D8 Array: OP 46

No glare found

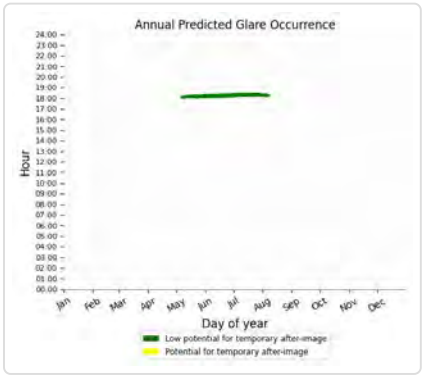
Field D8 Array: OP 47

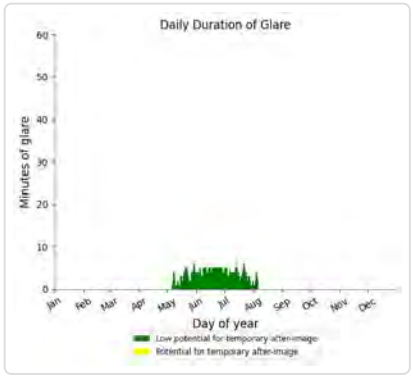
No glare found

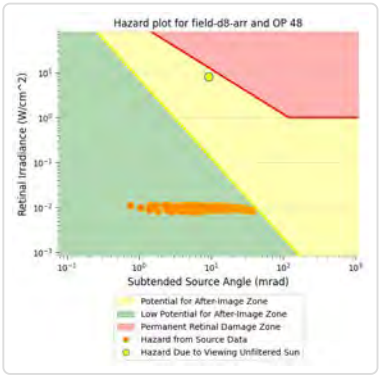
Field D8 Array: OP 48

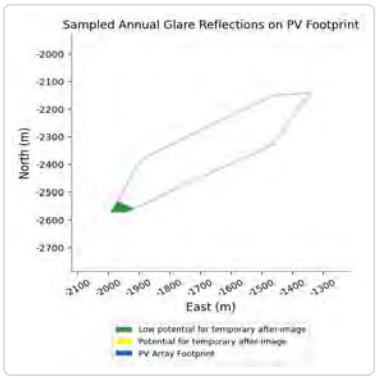
PV array is expected to produce the following glare for this receptor:

- 357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 49

No glare found

Field D8 Array: OP 50

No glare found

Field D8 Array: OP 51

No glare found

Field D8 Array: OP 52

No glare found

Field D8 Array: OP 53

No glare found

Field D8 Array: OP 54

No glare found

Field D8 Array: OP 55

No glare found

Field D8 Array: OP 56

No glare found

Field D8 Array: OP 57

No glare found

Field D8 Array: OP 58

No glare found

Field D8 Array: OP 59

No glare found

Field D8 Array: OP 60

No glare found

Field D9 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	118	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	59	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0

Field D9 Array: OP 1

No glare found

Field D9 Array: OP 2

No glare found

Field D9 Array: OP 3

No glare found

Field D9 Array: OP 4

No glare found

Field D9 Array: OP 5

No glare found

Field D9 Array: OP 6

No glare found

Field D9 Array: OP 7

No glare found

Field D9 Array: OP 8

No glare found

Field D9 Array: OP 9

No glare found

Field D9 Array: OP 10

No glare found

Field D9 Array: OP 11

No glare found

Field D9 Array: OP 12

No glare found

Field D9 Array: OP 13

No glare found

Field D9 Array: OP 14

No glare found

Field D9 Array: OP 15

No glare found

Field D9 Array: OP 16

No glare found

Field D9 Array: OP 17

No glare found

Field D9 Array: OP 18

No glare found

Field D9 Array: OP 19

No glare found

Field D9 Array: OP 20

No glare found

Field D9 Array: OP 21

No glare found

Field D9 Array: OP 22

No glare found

Field D9 Array: OP 23

No glare found

Field D9 Array: OP 24

No glare found

Field D9 Array: OP 25

No glare found

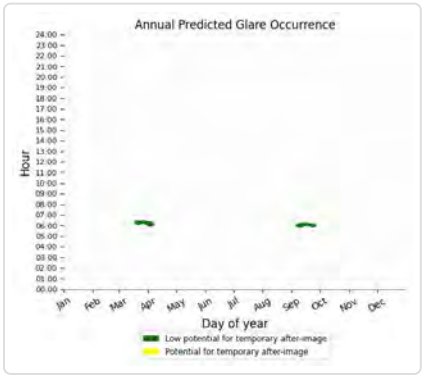
Field D9 Array: OP 26

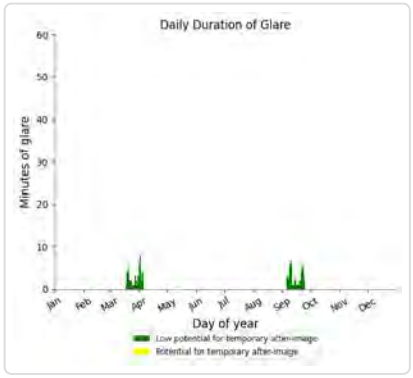
No glare found

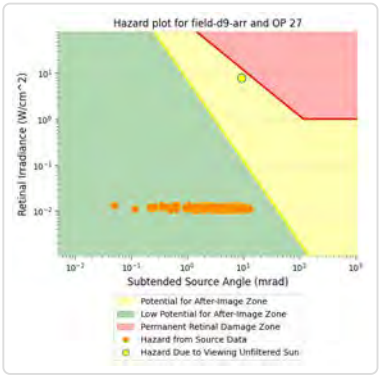
Field D9 Array: OP 27

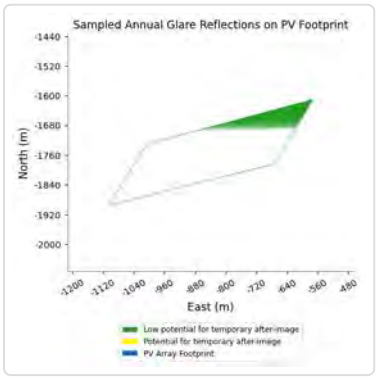
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 28

No glare found

Field D9 Array: OP 29

No glare found

Field D9 Array: OP 30

No glare found

Field D9 Array: OP 31

No glare found

Field D9 Array: OP 32

No glare found

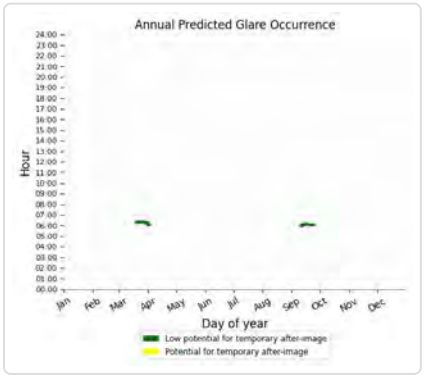
Field D9 Array: OP 33

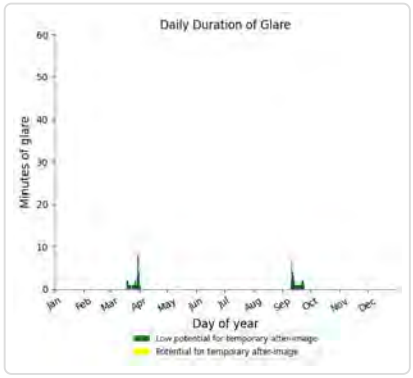
No glare found

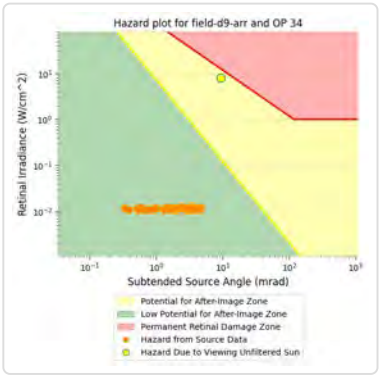
Field D9 Array: OP 34

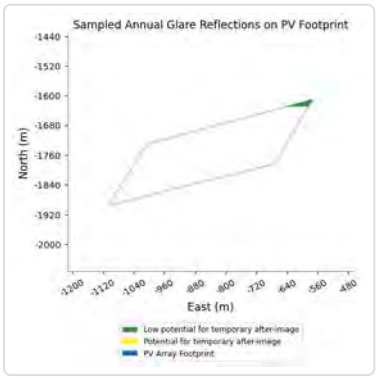
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 35

No glare found

Field D9 Array: OP 36

No glare found

Field D9 Array: OP 37

No glare found

Field D9 Array: OP 38

No glare found

Field D9 Array: OP 39

No glare found

Field D9 Array: OP 40

No glare found

Field D9 Array: OP 41

No glare found

Field D9 Array: OP 42

No glare found

Field D9 Array: OP 43

No glare found

Field D9 Array: OP 44

No glare found

Field D9 Array: OP 45

No glare found

Field D9 Array: OP 46

No glare found

Field D9 Array: OP 47

No glare found

Field D9 Array: OP 48

No glare found

Field D9 Array: OP 49

No glare found

Field D9 Array: OP 50

No glare found

Field D9 Array: OP 51

No glare found

Field D9 Array: OP 52

No glare found

Field D9 Array: OP 53

No glare found

Field D9 Array: OP 54

No glare found

Field D9 Array: OP 55

No glare found

Field D9 Array: OP 56

No glare found

Field D9 Array: OP 57

No glare found

Field D9 Array: OP 58

No glare found

Field D9 Array: OP 59

No glare found

Field D9 Array: OP 60

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Annex E: Residential Receptor Glare Results East Group B 25 Degrees

Meridian Solar Farm East

Meridian East Residential Group B 25 Degrees

Created Jun 25, 2025
Updated Aug 22, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 153016.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	25.0	180.0	0	0	-
Field D1A-B Array	25.0	180.0	0	0	-
Field D1C Array	25.0	180.0	0	0	-
Field D2 Array	25.0	180.0	0	0	-
Field D3 Array	25.0	180.0	1,107	0	-
Field D5 Array	25.0	180.0	48,937	29,726	-
Field D6 Array	25.0	180.0	26,086	0	-
Field D7 Array	25.0	180.0	6,741	1,362	-
Field D8 Array	25.0	180.0	1,263	0	-
Field D9 Array	25.0	180.0	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 2,377,104 m^2

Name: Field D10 Array
Footprint area: 136,922 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726260	0.005110	1.64	4.30	5.94
2	52.726280	0.006190	1.44	4.30	5.74
3	52.727290	0.012200	0.92	4.30	5.22
4	52.729990	0.014980	1.57	4.30	5.87
5	52.729970	0.013600	1.82	4.30	6.12
6	52.729290	0.008210	1.63	4.30	5.93

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,701 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734150	0.018170	1.76	4.30	6.06
7	52.734140	0.016690	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 417,808 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721760	0.006720	2.04	4.30	6.34
5	52.721760	0.005890	1.47	4.30	5.77
6	52.722100	0.005820	1.64	4.30	5.94
7	52.722300	0.007260	2.17	4.30	6.47
8	52.723460	0.008450	2.13	4.30	6.43
9	52.723520	0.007330	1.58	4.30	5.88
10	52.723970	0.007610	1.68	4.30	5.98
11	52.724640	0.009600	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724970	0.003600	1.82	4.30	6.12
18	52.724490	0.004010	1.22	4.30	5.52
19	52.722900	0.002300	1.46	4.30	5.76
20	52.722760	0.001580	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 839,830 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708690	-0.019660	1.33	4.30	5.63
2	52.708320	-0.017290	1.31	4.30	5.61
3	52.707810	-0.017190	0.84	4.30	5.14
4	52.707810	-0.016140	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.21
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004800	1.86	4.30	6.17
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.89	4.30	6.18
17	52.720130	-0.003470	2.02	4.30	6.31
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.48	4.30	5.78
20	52.722490	0.000690	1.20	4.30	5.50
21	52.722440	-0.000180	1.29	4.30	5.59
22	52.722960	-0.000420	1.30	4.30	5.60
23	52.723330	0.001430	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 268,446 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702730	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700070	-0.021060	1.99	4.30	6.29
8	52.699610	-0.020660	2.06	4.30	6.36
9	52.698980	-0.020530	2.35	4.30	6.64
10	52.698900	-0.022040	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,077 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700890	-0.022750	2.61	4.30	6.91
2	52.702250	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698740	-0.024700	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,242 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702110	-0.017910	2.45	4.30	6.75
2	52.702800	-0.018300	1.02	4.30	5.32
3	52.703320	-0.017780	0.77	4.30	5.07
4	52.703210	-0.017260	0.95	4.30	5.25
5	52.703300	-0.016590	1.08	4.30	5.38
6	52.704210	-0.010990	2.29	4.30	6.58
7	52.702970	-0.012210	2.23	4.30	6.54

Name: Field D8 Array
Footprint area: 93,322 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

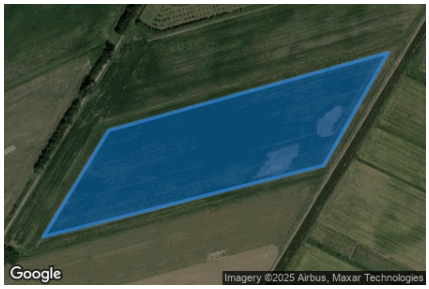
Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703150	-0.024330	1.81	4.30	6.11
2	52.703160	-0.023580	1.61	4.30	5.91
3	52.705330	-0.016540	2.05	4.30	6.35
4	52.707010	-0.014740	1.57	4.30	5.87
5	52.706940	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60

Name: Field D9 Array
Footprint area: 61,899 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709230	-0.011260	1.62	4.30	5.92
2	52.710710	-0.009760	1.07	4.30	5.38
3	52.711790	-0.003360	1.62	4.30	5.92
4	52.710220	-0.004840	1.86	4.30	6.16

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	52.704832	0.001403	4.61	2.00	6.61
OP 2	52.704819	-0.002878	3.66	2.00	5.66
OP 3	52.704812	-0.003768	3.62	2.00	5.62
OP 4	52.704448	-0.004090	4.73	2.00	6.73
OP 5	52.703278	-0.004927	4.17	2.00	6.17
OP 6	52.702485	-0.004938	4.40	2.00	6.40
OP 7	52.701666	-0.006279	3.87	2.00	5.87
OP 8	52.699473	-0.007307	2.94	2.00	4.94
OP 9	52.698237	-0.002678	1.92	2.00	3.92
OP 10	52.698093	-0.012323	3.30	2.00	5.30
OP 11	52.697195	-0.013289	3.03	2.00	5.03
OP 12	52.696870	-0.013578	3.83	2.00	5.83
OP 13	52.697813	-0.008568	4.05	2.00	6.05
OP 14	52.697325	-0.009909	4.44	2.00	6.44
OP 15	52.696945	-0.009255	4.85	2.00	6.85
OP 16	52.696753	-0.010210	4.59	2.00	6.59
OP 17	52.696002	-0.010826	3.58	2.00	5.58
OP 18	52.696487	-0.004915	4.57	2.00	6.57
OP 19	52.695023	-0.015412	3.32	2.00	5.32
OP 20	52.694929	-0.016121	3.73	2.00	5.73
OP 21	52.694861	-0.015590	4.60	2.00	6.60
OP 22	52.694012	-0.015547	2.80	2.00	4.80
OP 23	52.693459	-0.012913	3.28	2.00	5.28
OP 24	52.696573	-0.034999	3.29	2.00	5.29
OP 25	52.696576	-0.035873	4.50	2.00	6.50
OP 26	52.696008	-0.036346	4.63	2.00	6.63
OP 27	52.695897	-0.035595	4.31	2.00	6.31
OP 28	52.695383	-0.036024	4.10	2.00	6.10
OP 29	52.694483	-0.037815	5.68	2.00	7.68
OP 30	52.693550	-0.038427	4.19	2.00	6.19
OP 31	52.692701	-0.040004	4.34	2.00	6.34
OP 32	52.694437	-0.036984	3.85	2.00	5.85
OP 33	52.693413	-0.036362	3.95	2.00	5.95
OP 34	52.692893	-0.035868	4.86	2.00	6.86
OP 35	52.692018	-0.036651	4.32	2.00	6.32
OP 36	52.692418	-0.037488	4.28	2.00	6.28
OP 37	52.693751	-0.033508	4.56	2.00	6.56
OP 38	52.693231	-0.034082	5.13	2.00	7.13
OP 39	52.692643	-0.035117	3.68	2.00	5.68
OP 40	52.691833	-0.034516	4.81	2.00	6.81
OP 41	52.690685	-0.033808	4.66	2.00	6.66
OP 42	52.689294	-0.032934	5.12	2.00	7.12
OP 43	52.691761	-0.028020	3.71	2.00	5.71
OP 44	52.691654	-0.029034	3.78	2.00	5.78
OP 45	52.690890	-0.029683	4.17	2.00	6.17
OP 46	52.689798	-0.029924	4.56	2.00	6.56
OP 47	52.692688	-0.013704	3.41	2.00	5.41
OP 48	52.691752	-0.013650	3.30	2.00	5.30
OP 49	52.690998	-0.014300	3.61	2.00	5.61
OP 50	52.691063	-0.015308	2.61	2.00	4.61
OP 51	52.690312	-0.014895	3.78	2.00	5.78
OP 52	52.688074	-0.010937	3.80	2.00	5.80

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	25.0	180.0	0	0	-	-
Field D1A-B Array	25.0	180.0	0	0	-	-
Field D1C Array	25.0	180.0	0	0	-	-
Field D2 Array	25.0	180.0	0	0	-	-
Field D3 Array	25.0	180.0	1,107	0	-	-
Field D5 Array	25.0	180.0	48,937	29,726	-	-
Field D6 Array	25.0	180.0	26,086	0	-	-
Field D7 Array	25.0	180.0	6,741	1,362	-	-
Field D8 Array	25.0	180.0	1,263	0	-	-
Field D9 Array	25.0	180.0	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d3-arr (green)	0	0	0	30	206	340	263	106	0	0	0	0
field-d3-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d5-arr (green)	0	0	199	758	819	536	658	863	462	0	0	0
field-d5-arr (yellow)	0	0	0	53	99	348	230	52	2	0	0	0
field-d6-arr (green)	0	0	15	383	475	492	481	456	110	0	0	0
field-d6-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d7-arr (green)	0	0	20	284	307	510	432	257	113	0	0	0
field-d7-arr (yellow)	0	0	0	98	170	0	54	215	0	0	0	0
field-d8-arr (green)	0	0	0	0	214	329	310	23	0	0	0	0
field-d8-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

No glare found

Field D1A-B Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

No glare found

Field D1C Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

No glare found

Field D2 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

No glare found

Field D3 Array low potential for temporary after-image

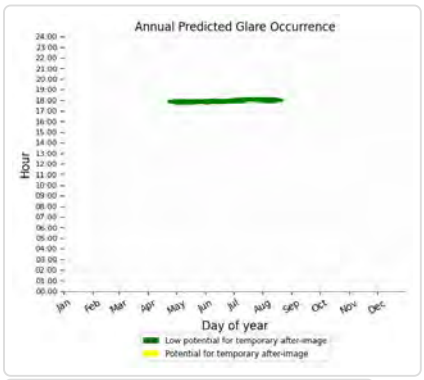
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	828	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	279	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0

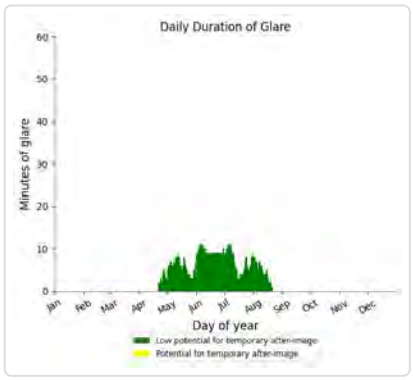
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

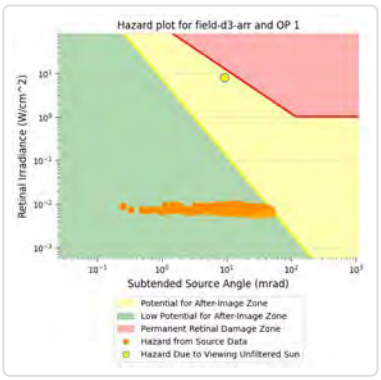
Field D3 Array: OP 1

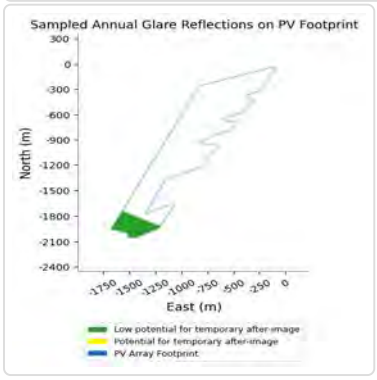
PV array is expected to produce the following glare for this receptor:

- 828 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 2

No glare found

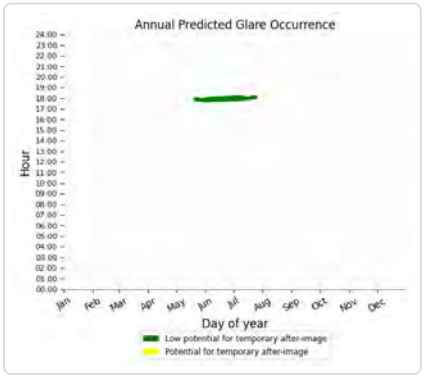
Field D3 Array: OP 3

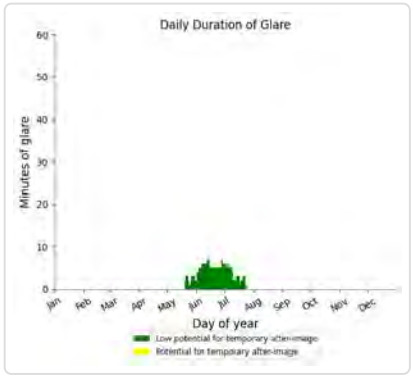
No glare found

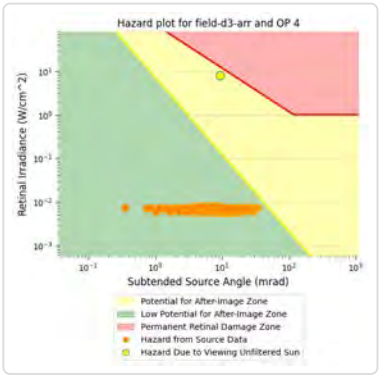
Field D3 Array: OP 4

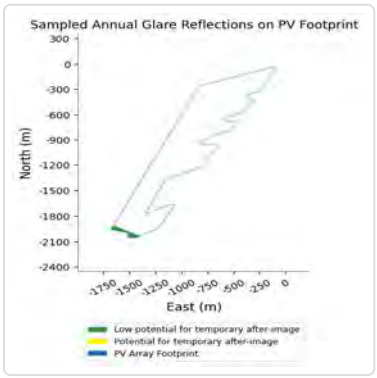
PV array is expected to produce the following glare for this receptor:

- 279 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 5

No glare found

Field D3 Array: OP 6

No glare found

Field D3 Array: OP 7

No glare found

Field D3 Array: OP 8

No glare found

Field D3 Array: OP 9

No glare found

Field D3 Array: OP 10

No glare found

Field D3 Array: OP 11

No glare found

Field D3 Array: OP 12

No glare found

Field D3 Array: OP 13

No glare found

Field D3 Array: OP 14

No glare found

Field D3 Array: OP 15

No glare found

Field D3 Array: OP 16

No glare found

Field D3 Array: OP 17

No glare found

Field D3 Array: OP 18

No glare found

Field D3 Array: OP 19

No glare found

Field D3 Array: OP 20

No glare found

Field D3 Array: OP 21

No glare found

Field D3 Array: OP 22

No glare found

Field D3 Array: OP 23

No glare found

Field D3 Array: OP 24

No glare found

Field D3 Array: OP 25

No glare found

Field D3 Array: OP 26

No glare found

Field D3 Array: OP 27

No glare found

Field D3 Array: OP 28

No glare found

Field D3 Array: OP 29

No glare found

Field D3 Array: OP 30

No glare found

Field D3 Array: OP 31

No glare found

Field D3 Array: OP 32

No glare found

Field D3 Array: OP 33

No glare found

Field D3 Array: OP 34

No glare found

Field D3 Array: OP 35

No glare found

Field D3 Array: OP 36

No glare found

Field D3 Array: OP 37

No glare found

Field D3 Array: OP 38

No glare found

Field D3 Array: OP 39

No glare found

Field D3 Array: OP 40

No glare found

Field D3 Array: OP 41

No glare found

Field D3 Array: OP 42

No glare found

Field D3 Array: OP 43

No glare found

Field D3 Array: OP 44

No glare found

Field D3 Array: OP 45

No glare found

Field D3 Array: OP 46

No glare found

Field D3 Array: OP 47

No glare found

Field D3 Array: OP 48

No glare found

Field D3 Array: OP 49

No glare found

Field D3 Array: OP 50

No glare found

Field D3 Array: OP 51

No glare found

Field D3 Array: OP 52

No glare found

Field D5 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	112	0
OP: OP 7	1340	0
OP: OP 8	1161	1456
OP: OP 9	2360	94
OP: OP 10	683	1991
OP: OP 11	552	2127
OP: OP 12	724	1820
OP: OP 13	1048	1464
OP: OP 14	1150	1136
OP: OP 15	1349	975
OP: OP 16	1078	1367
OP: OP 17	1017	1478
OP: OP 18	1547	546
OP: OP 19	676	1885
OP: OP 20	1163	1227
OP: OP 21	1093	1224
OP: OP 22	969	863
OP: OP 23	954	596
OP: OP 24	2108	566
OP: OP 25	2070	576
OP: OP 26	2235	590
OP: OP 27	1874	852

OP: OP 28	1508	1302
OP: OP 29	1952	846
OP: OP 30	1695	733
OP: OP 31	1788	382
OP: OP 32	1699	1023
OP: OP 33	1711	576
OP: OP 34	1606	438
OP: OP 35	1598	0
OP: OP 36	1615	334
OP: OP 37	1615	817
OP: OP 38	1879	320
OP: OP 39	1659	122
OP: OP 40	1321	0
OP: OP 41	28	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

Field D5 Array: OP 1

No glare found

Field D5 Array: OP 2

No glare found

Field D5 Array: OP 3

No glare found

Field D5 Array: OP 4

No glare found

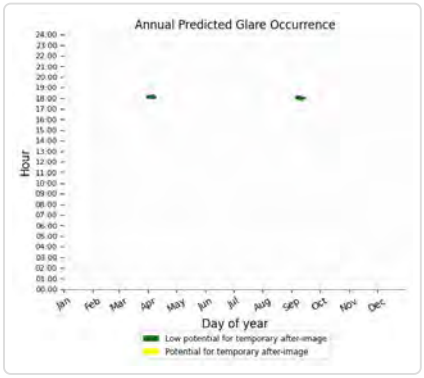
Field D5 Array: OP 5

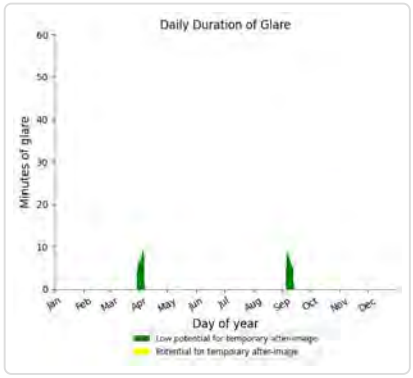
No glare found

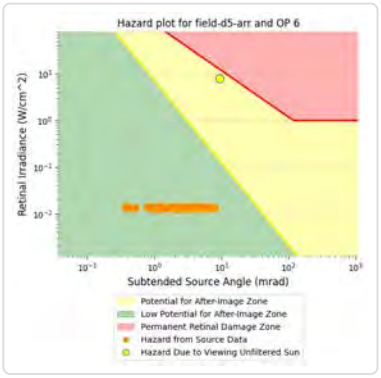
Field D5 Array: OP 6

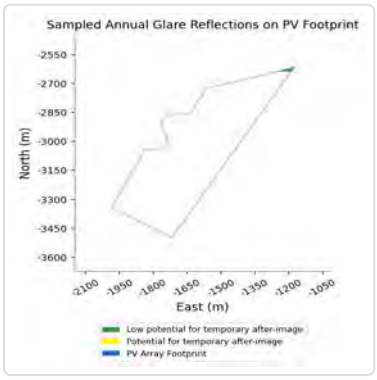
PV array is expected to produce the following glare for this receptor:

- 112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





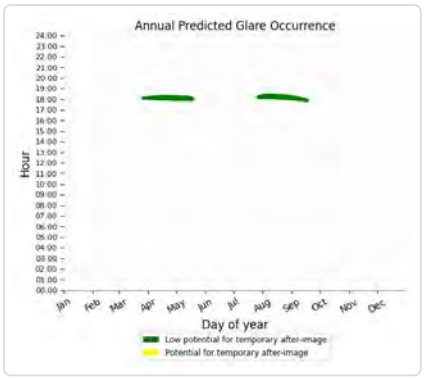


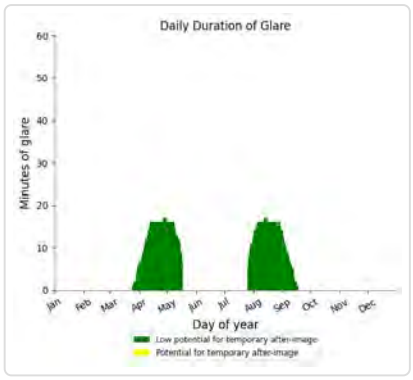


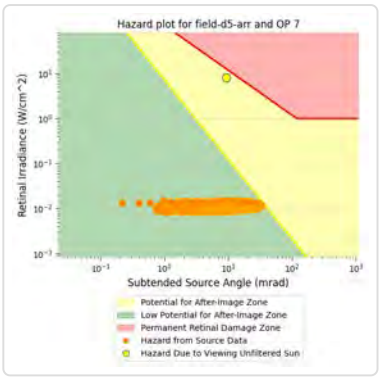
Field D5 Array: OP 7

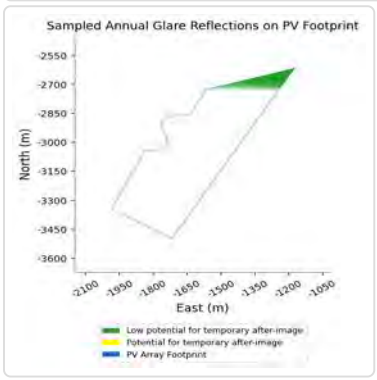
PV array is expected to produce the following glare for this receptor:

- 1,340 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





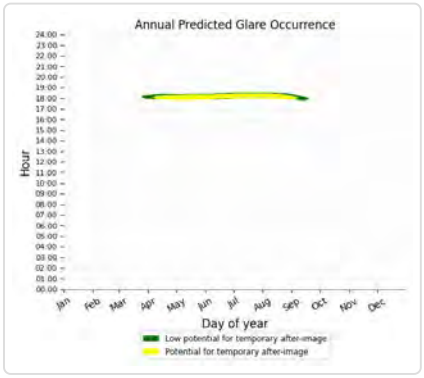


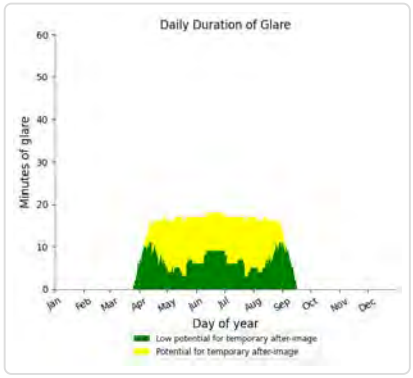


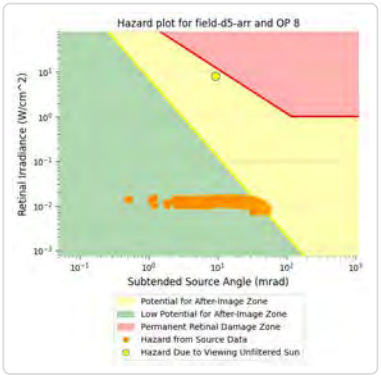
Field D5 Array: OP 8

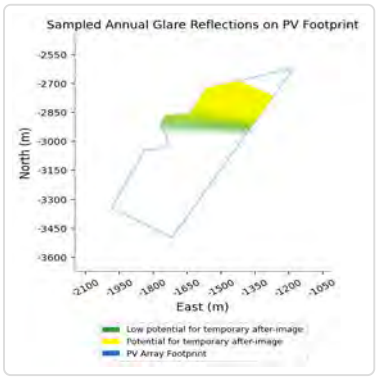
PV array is expected to produce the following glare for this receptor:

- 1,161 minutes of "green" glare with low potential to cause temporary after-image.
- 1,456 minutes of "yellow" glare with potential to cause temporary after-image.





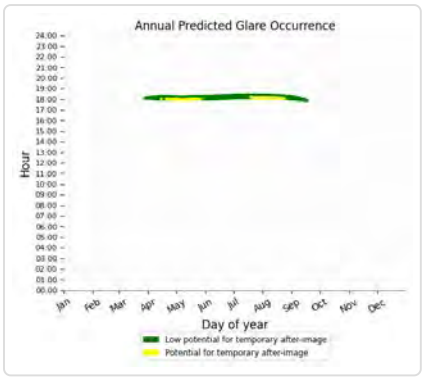


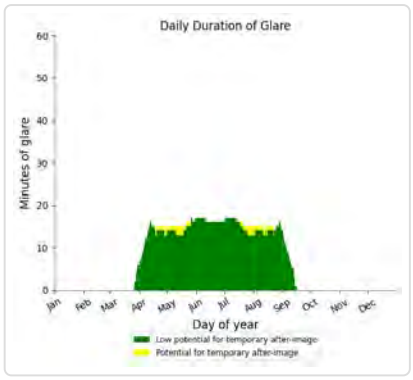


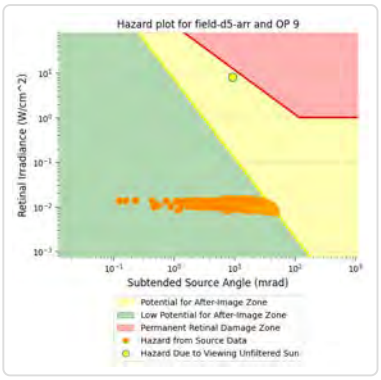
Field D5 Array: OP 9

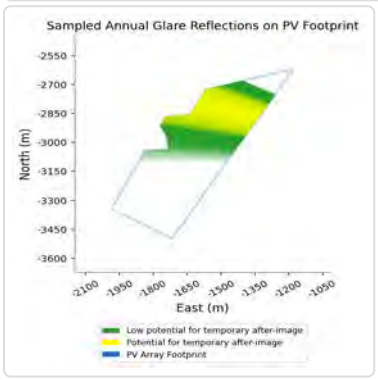
PV array is expected to produce the following glare for this receptor:

- 2,360 minutes of "green" glare with low potential to cause temporary after-image.
- 94 minutes of "yellow" glare with potential to cause temporary after-image.





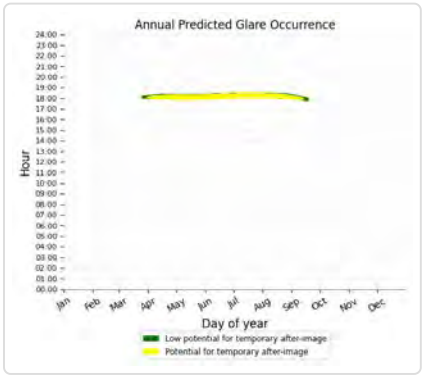


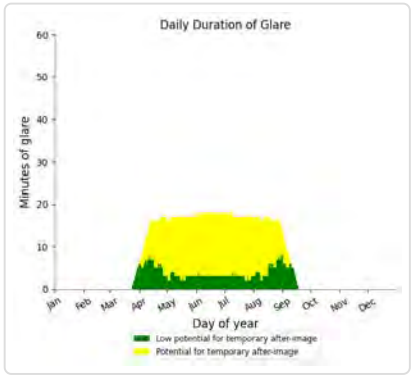


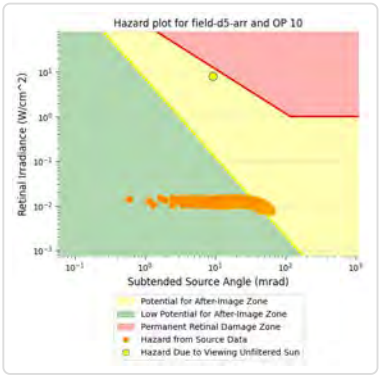
Field D5 Array: OP 10

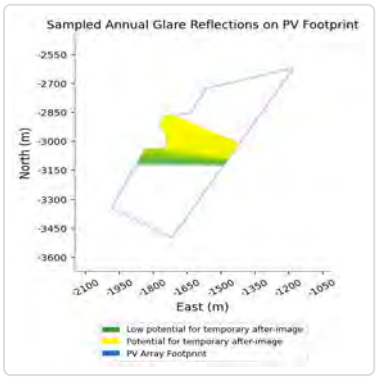
PV array is expected to produce the following glare for this receptor:

- 683 minutes of "green" glare with low potential to cause temporary after-image.
- 1,991 minutes of "yellow" glare with potential to cause temporary after-image.





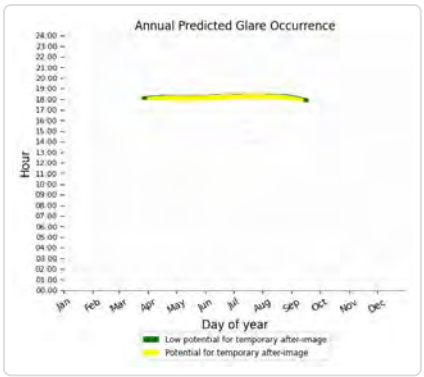


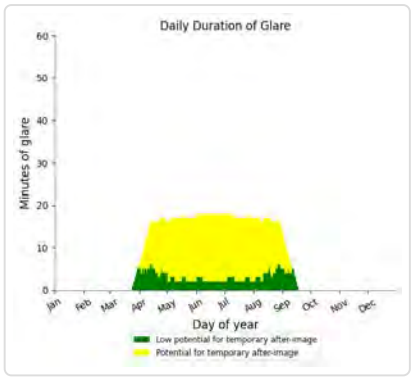


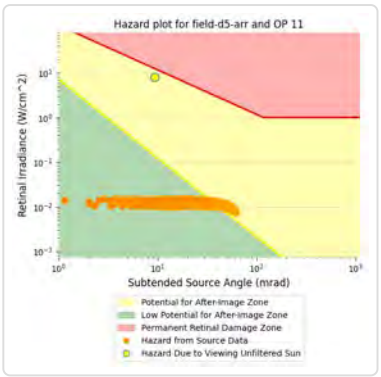
Field D5 Array: OP 11

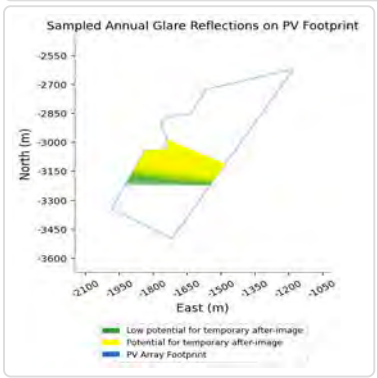
PV array is expected to produce the following glare for this receptor:

- 552 minutes of "green" glare with low potential to cause temporary after-image.
- 2,127 minutes of "yellow" glare with potential to cause temporary after-image.





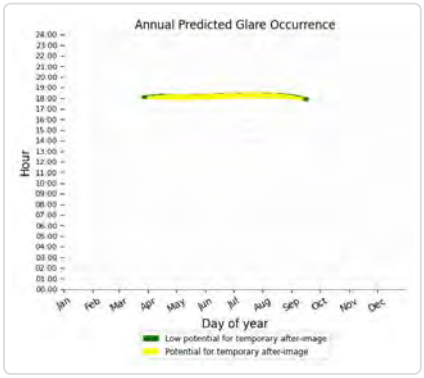


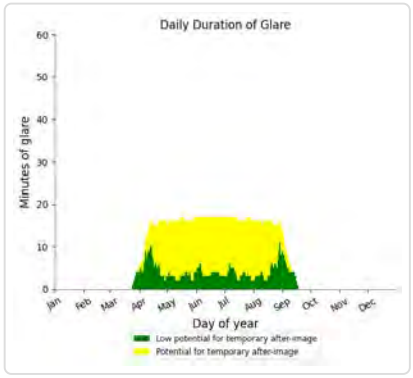


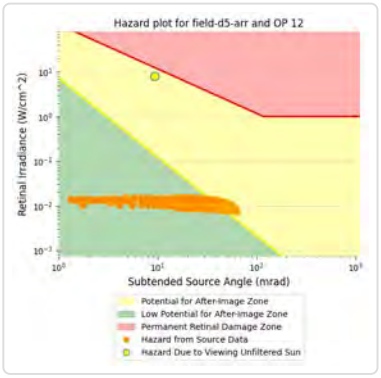
Field D5 Array: OP 12

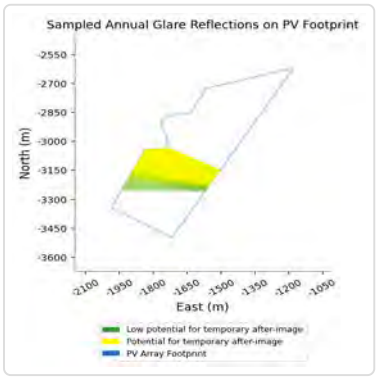
PV array is expected to produce the following glare for this receptor:

- 724 minutes of "green" glare with low potential to cause temporary after-image.
- 1,820 minutes of "yellow" glare with potential to cause temporary after-image.





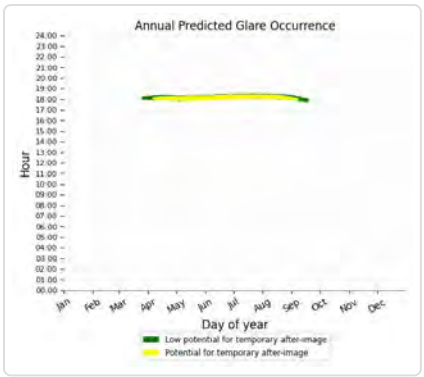


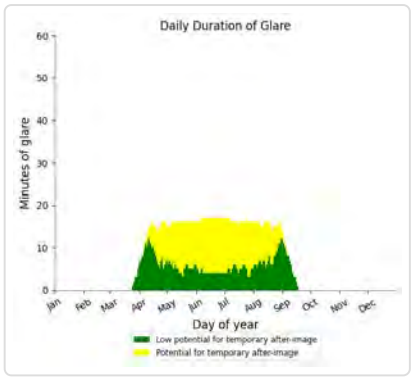


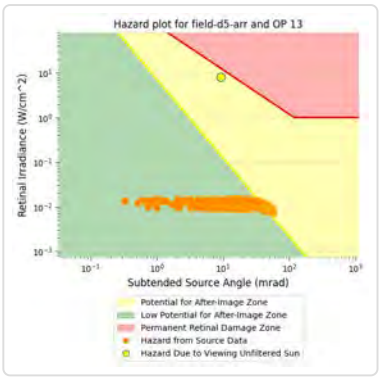
Field D5 Array: OP 13

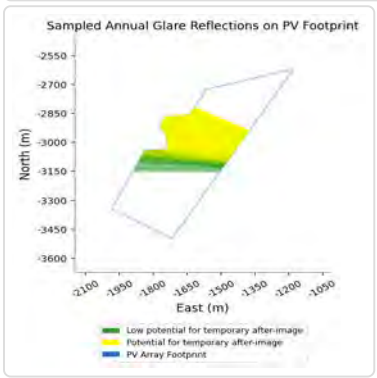
PV array is expected to produce the following glare for this receptor:

- 1,048 minutes of "green" glare with low potential to cause temporary after-image.
- 1,464 minutes of "yellow" glare with potential to cause temporary after-image.





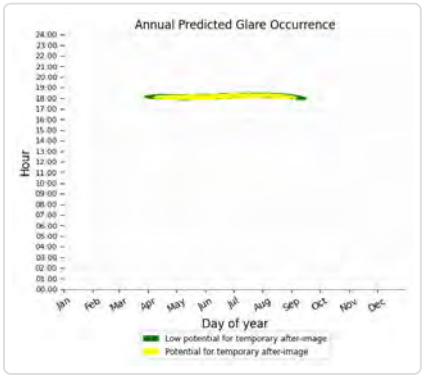


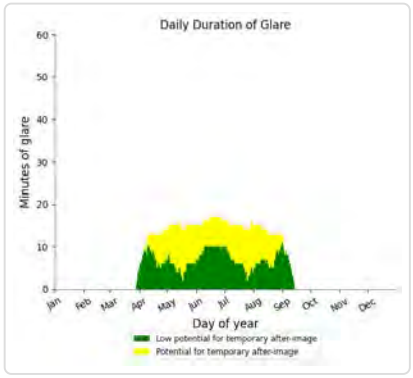


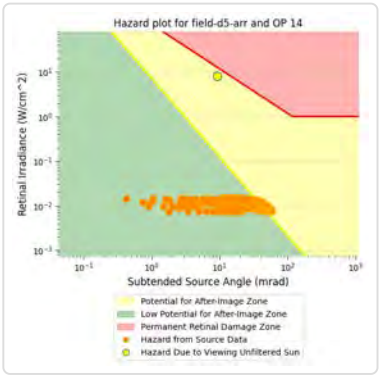
Field D5 Array: OP 14

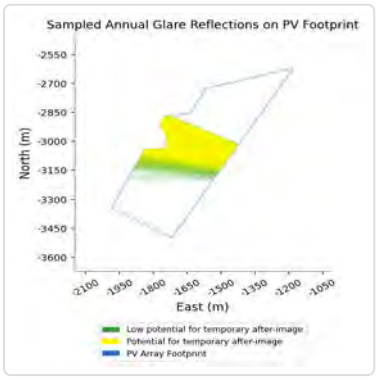
PV array is expected to produce the following glare for this receptor:

- 1,150 minutes of "green" glare with low potential to cause temporary after-image.
- 1,136 minutes of "yellow" glare with potential to cause temporary after-image.





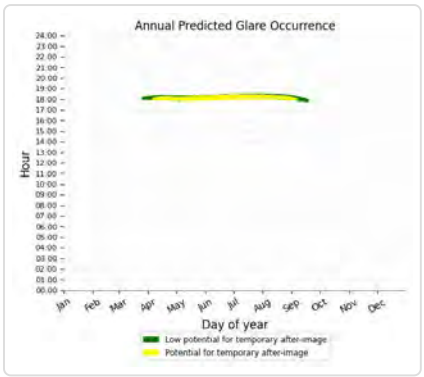


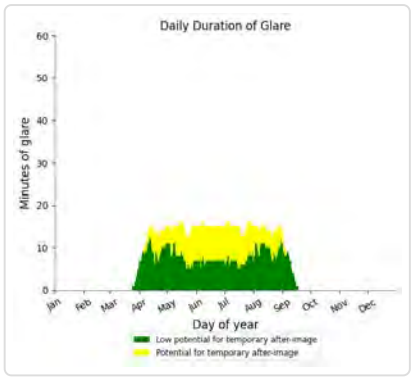


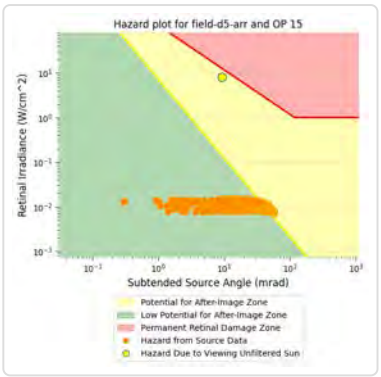
Field D5 Array: OP 15

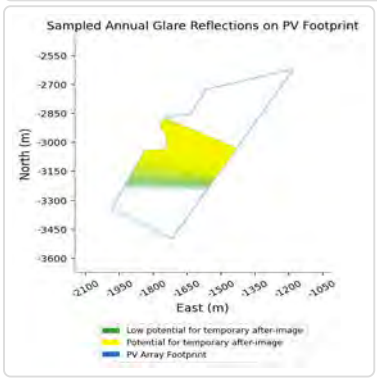
PV array is expected to produce the following glare for this receptor:

- 1,349 minutes of "green" glare with low potential to cause temporary after-image.
- 975 minutes of "yellow" glare with potential to cause temporary after-image.





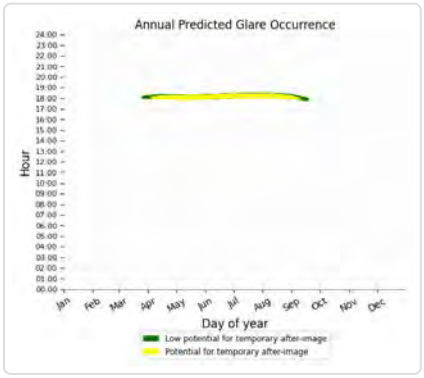


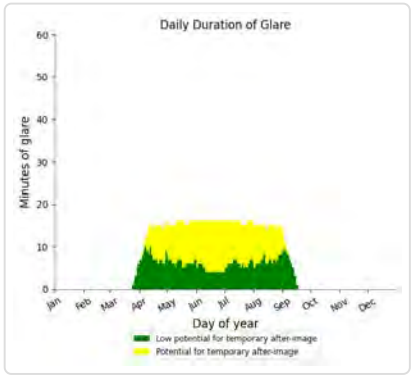


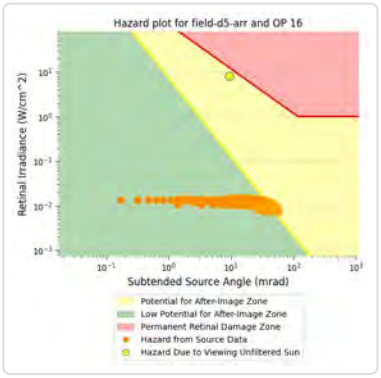
Field D5 Array: OP 16

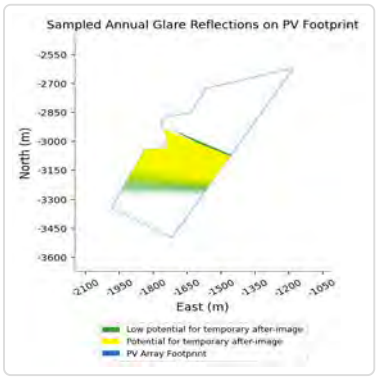
PV array is expected to produce the following glare for this receptor:

- 1,078 minutes of "green" glare with low potential to cause temporary after-image.
- 1,367 minutes of "yellow" glare with potential to cause temporary after-image.





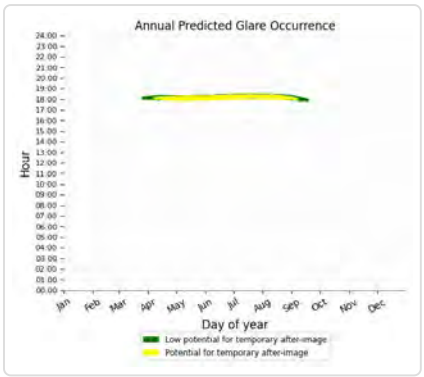


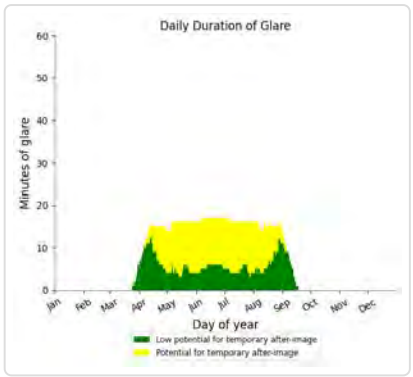


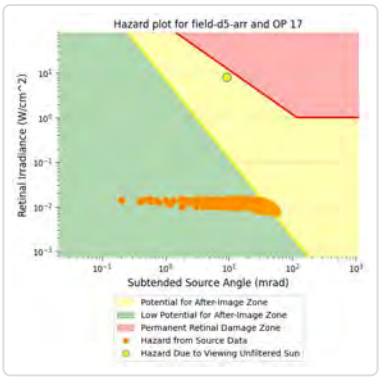
Field D5 Array: OP 17

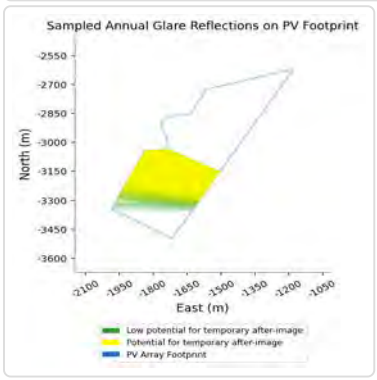
PV array is expected to produce the following glare for this receptor:

- 1,017 minutes of "green" glare with low potential to cause temporary after-image.
- 1,478 minutes of "yellow" glare with potential to cause temporary after-image.





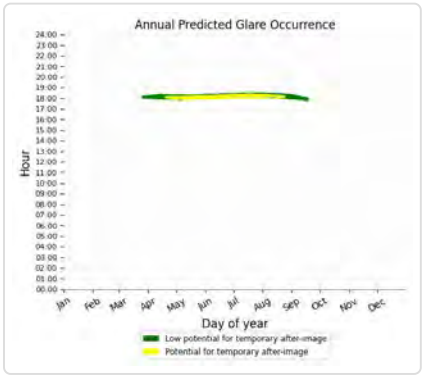


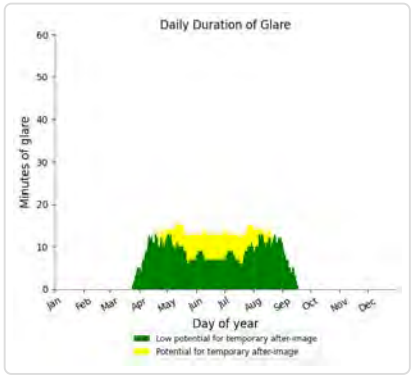


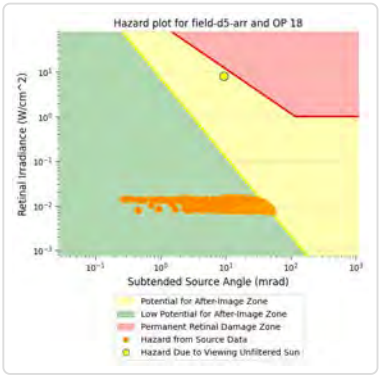
Field D5 Array: OP 18

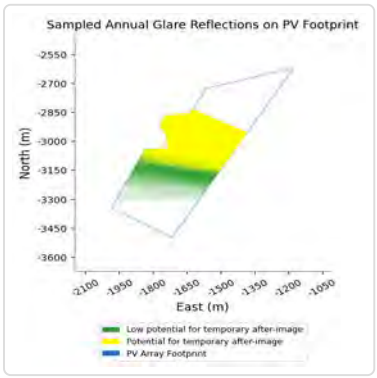
PV array is expected to produce the following glare for this receptor:

- 1,547 minutes of "green" glare with low potential to cause temporary after-image.
- 546 minutes of "yellow" glare with potential to cause temporary after-image.





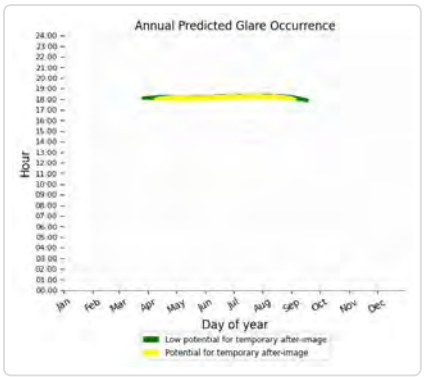


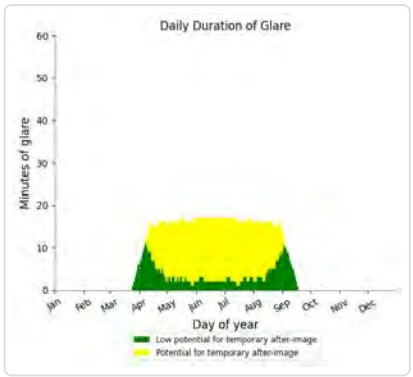


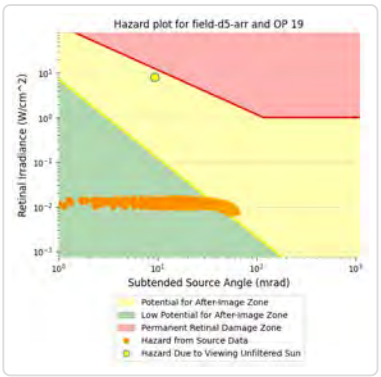
Field D5 Array: OP 19

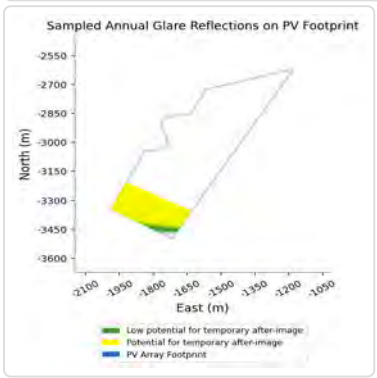
PV array is expected to produce the following glare for this receptor:

- 676 minutes of "green" glare with low potential to cause temporary after-image.
- 1,885 minutes of "yellow" glare with potential to cause temporary after-image.





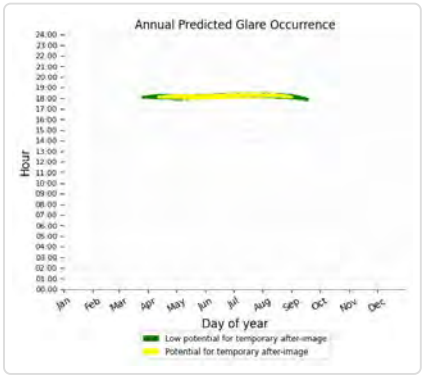


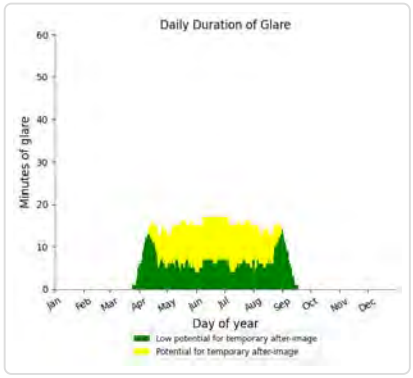


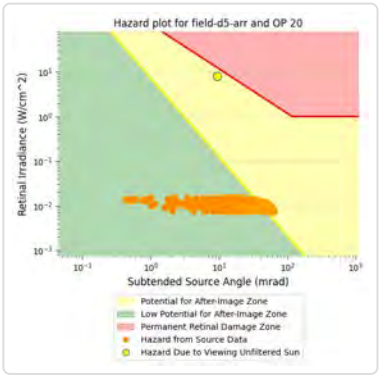
Field D5 Array: OP 20

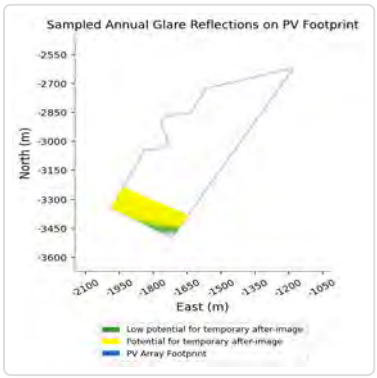
PV array is expected to produce the following glare for this receptor:

- 1,163 minutes of "green" glare with low potential to cause temporary after-image.
- 1,227 minutes of "yellow" glare with potential to cause temporary after-image.





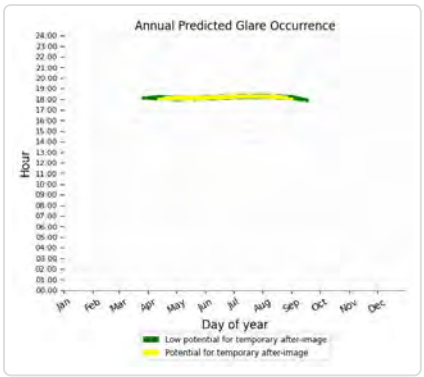


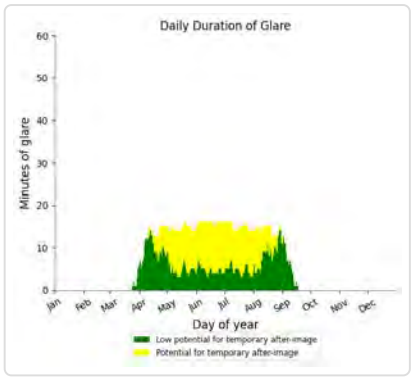


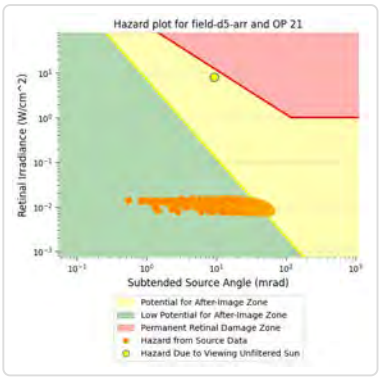
Field D5 Array: OP 21

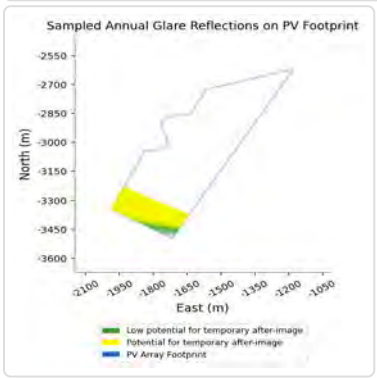
PV array is expected to produce the following glare for this receptor:

- 1,093 minutes of "green" glare with low potential to cause temporary after-image.
- 1,224 minutes of "yellow" glare with potential to cause temporary after-image.





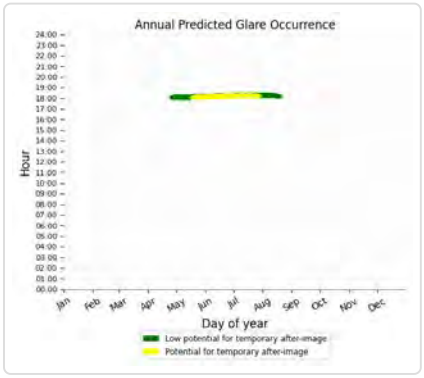


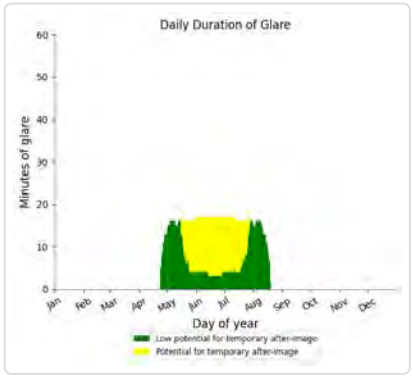


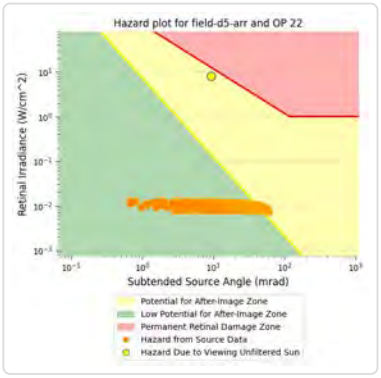
Field D5 Array: OP 22

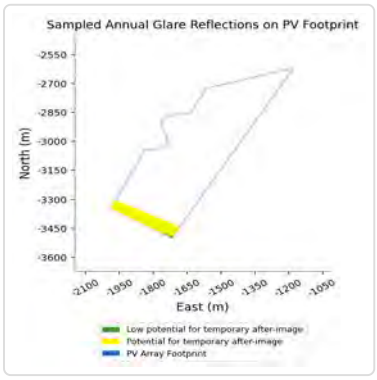
PV array is expected to produce the following glare for this receptor:

- 969 minutes of "green" glare with low potential to cause temporary after-image.
- 863 minutes of "yellow" glare with potential to cause temporary after-image.





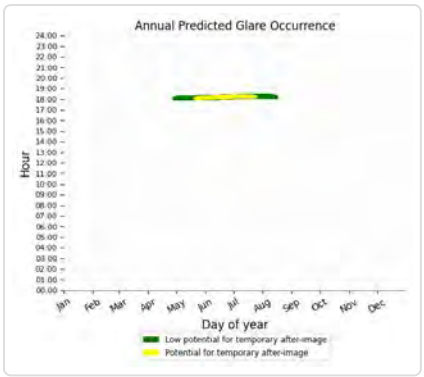


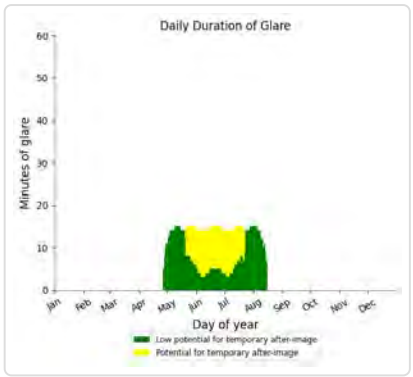


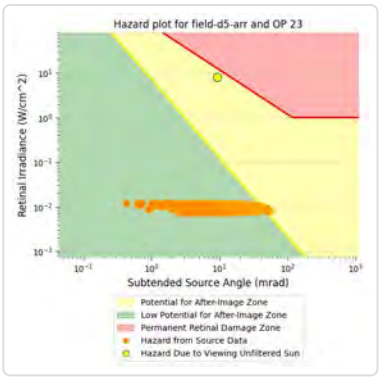
Field D5 Array: OP 23

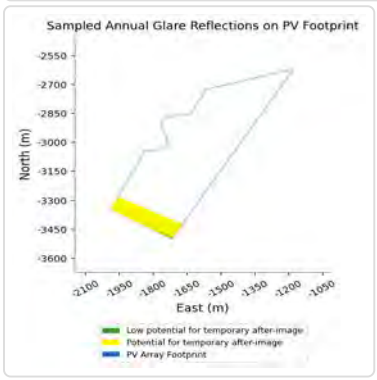
PV array is expected to produce the following glare for this receptor:

- 954 minutes of "green" glare with low potential to cause temporary after-image.
- 596 minutes of "yellow" glare with potential to cause temporary after-image.





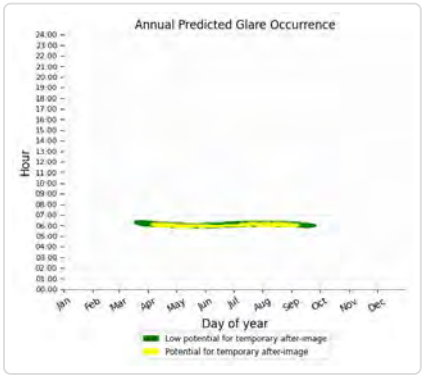


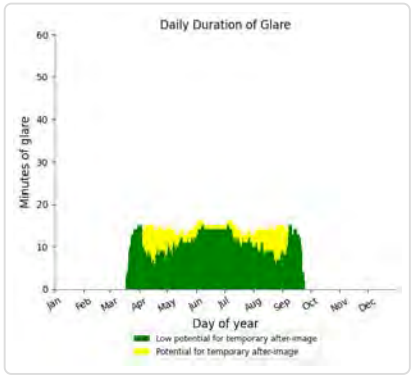


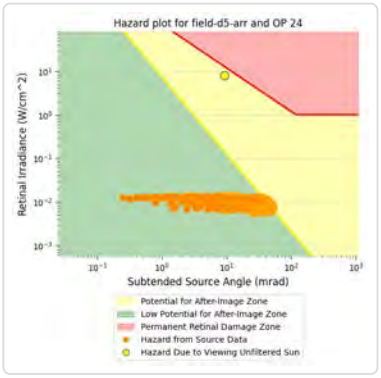
Field D5 Array: OP 24

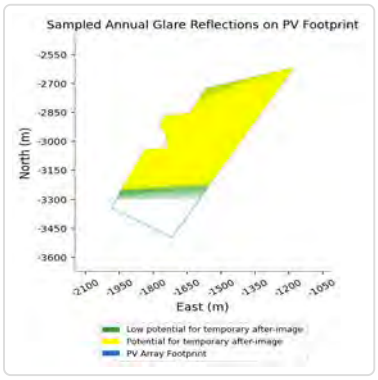
PV array is expected to produce the following glare for this receptor:

- 2,108 minutes of "green" glare with low potential to cause temporary after-image.
- 566 minutes of "yellow" glare with potential to cause temporary after-image.





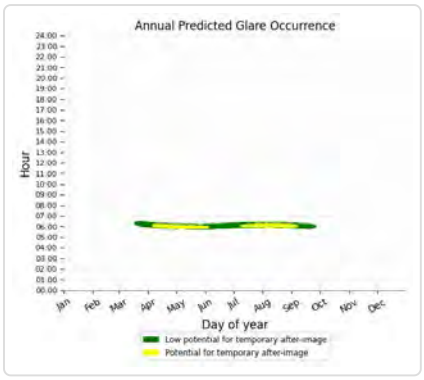


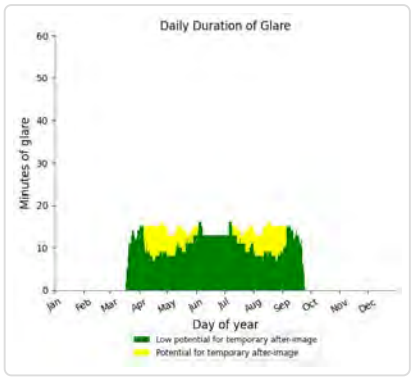


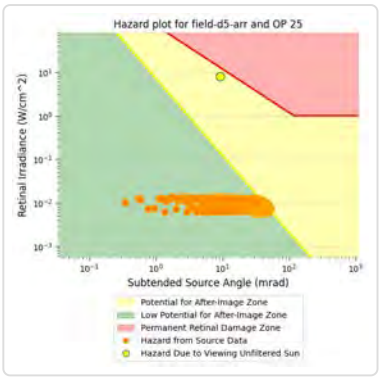
Field D5 Array: OP 25

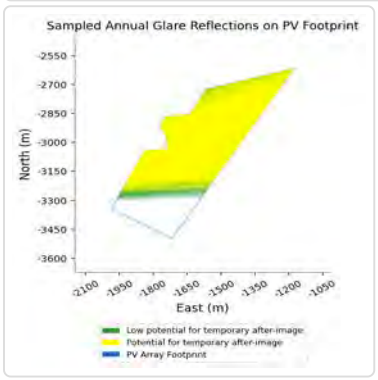
PV array is expected to produce the following glare for this receptor:

- 2,070 minutes of "green" glare with low potential to cause temporary after-image.
- 576 minutes of "yellow" glare with potential to cause temporary after-image.





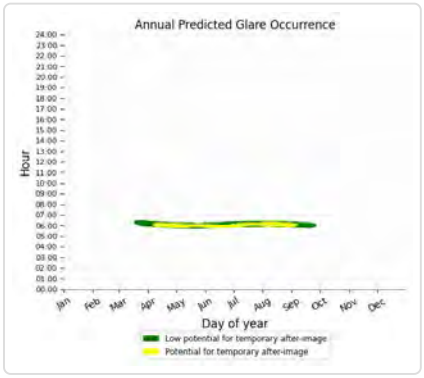


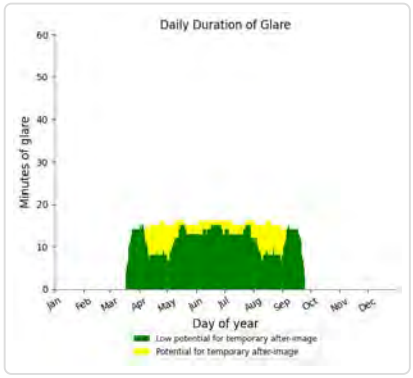


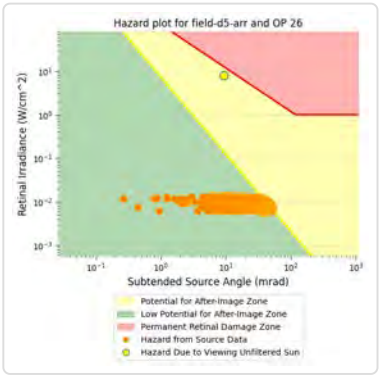
Field D5 Array: OP 26

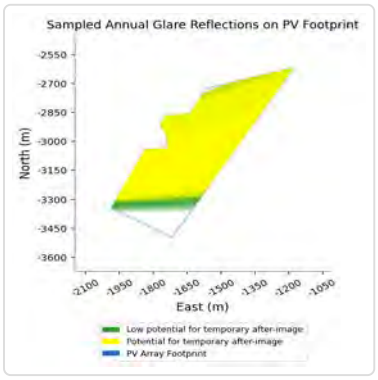
PV array is expected to produce the following glare for this receptor:

- 2,235 minutes of "green" glare with low potential to cause temporary after-image.
- 590 minutes of "yellow" glare with potential to cause temporary after-image.





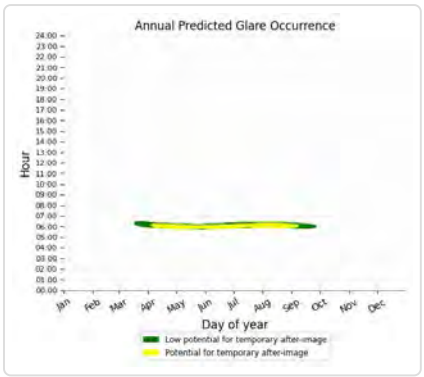


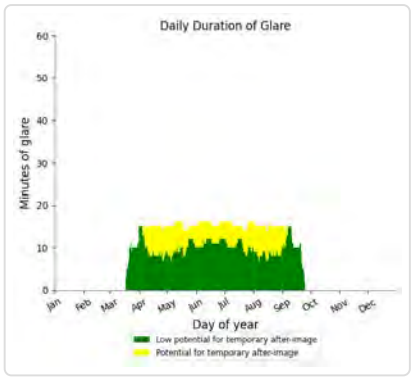


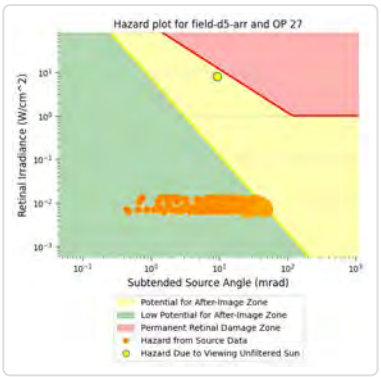
Field D5 Array: OP 27

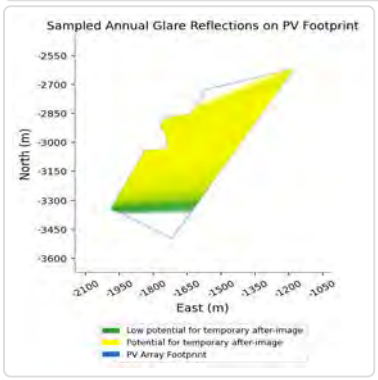
PV array is expected to produce the following glare for this receptor:

- 1,874 minutes of "green" glare with low potential to cause temporary after-image.
- 852 minutes of "yellow" glare with potential to cause temporary after-image.





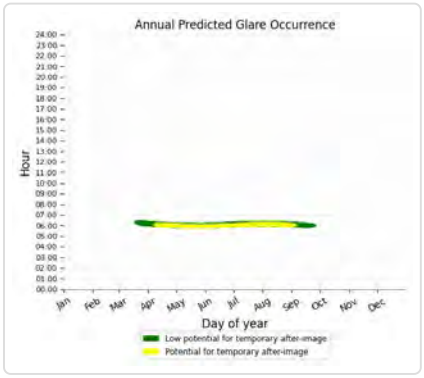


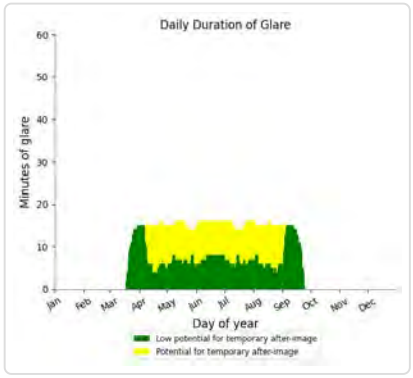


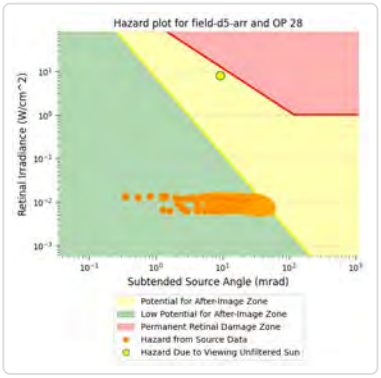
Field D5 Array: OP 28

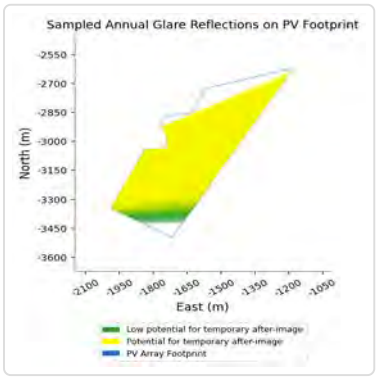
PV array is expected to produce the following glare for this receptor:

- 1,508 minutes of "green" glare with low potential to cause temporary after-image.
- 1,302 minutes of "yellow" glare with potential to cause temporary after-image.





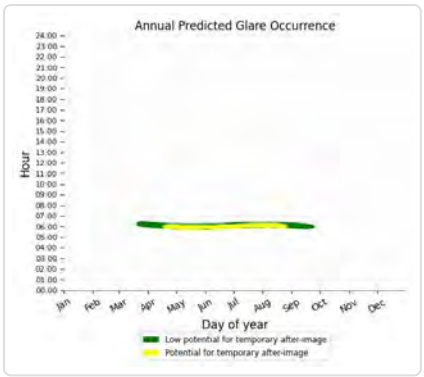


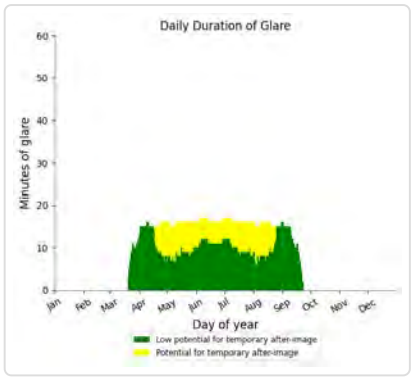


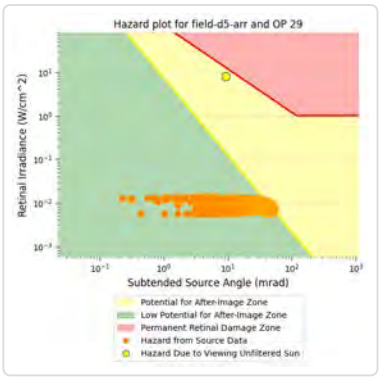
Field D5 Array: OP 29

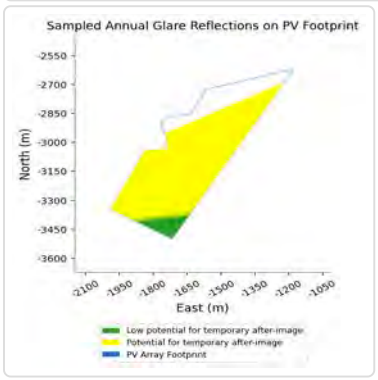
PV array is expected to produce the following glare for this receptor:

- 1,952 minutes of "green" glare with low potential to cause temporary after-image.
- 846 minutes of "yellow" glare with potential to cause temporary after-image.





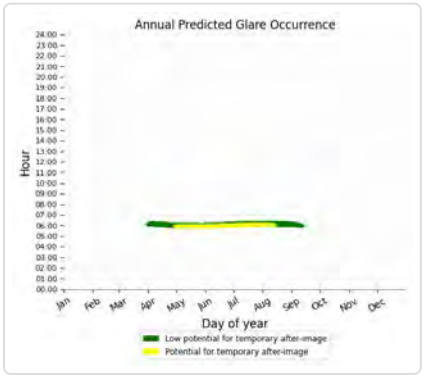


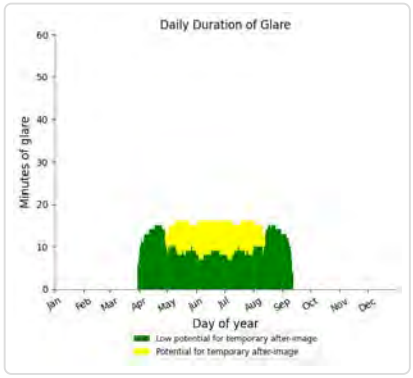


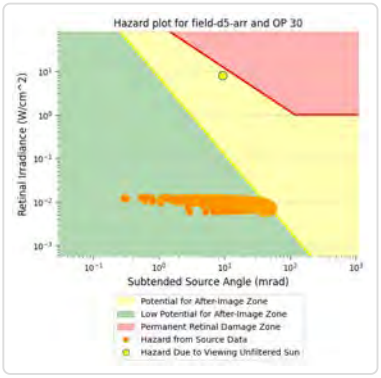
Field D5 Array: OP 30

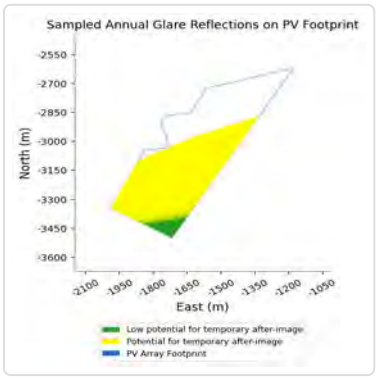
PV array is expected to produce the following glare for this receptor:

- 1,695 minutes of "green" glare with low potential to cause temporary after-image.
- 733 minutes of "yellow" glare with potential to cause temporary after-image.





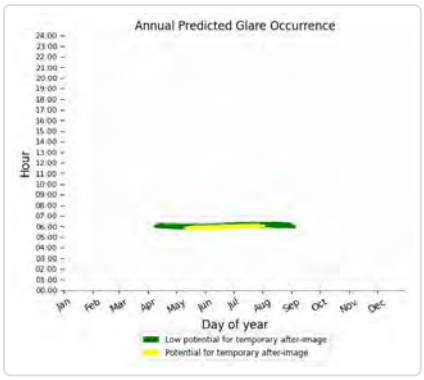


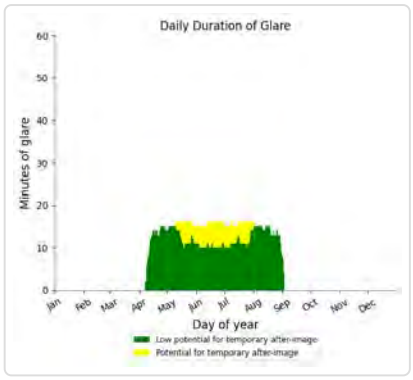


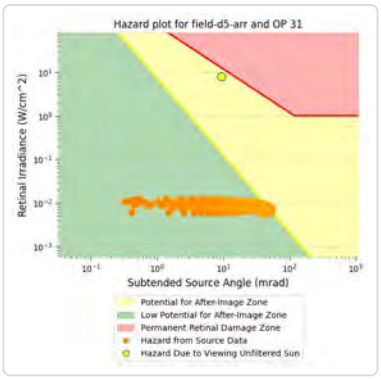
Field D5 Array: OP 31

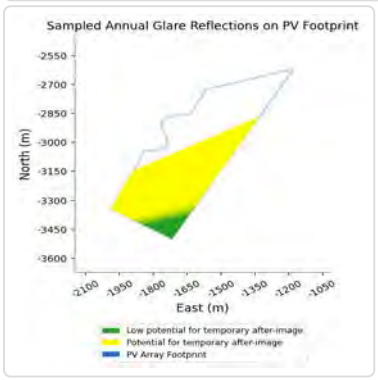
PV array is expected to produce the following glare for this receptor:

- 1,788 minutes of "green" glare with low potential to cause temporary after-image.
- 382 minutes of "yellow" glare with potential to cause temporary after-image.





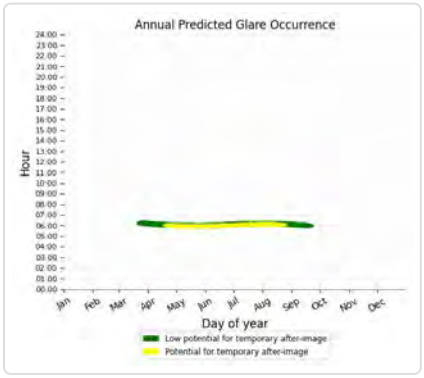


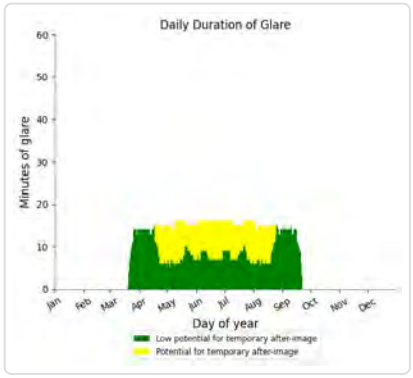


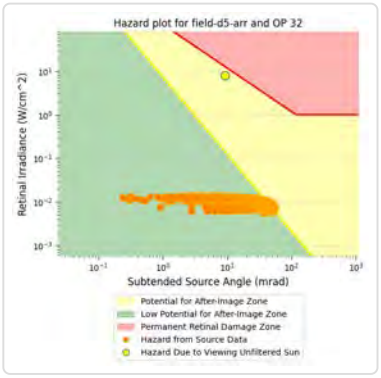
Field D5 Array: OP 32

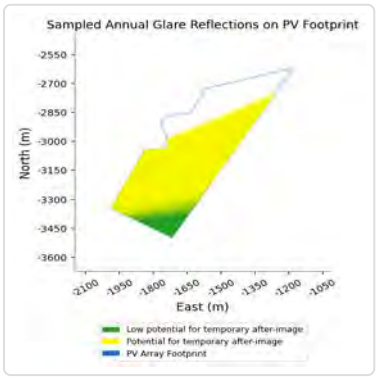
PV array is expected to produce the following glare for this receptor:

- 1,699 minutes of "green" glare with low potential to cause temporary after-image.
- 1,023 minutes of "yellow" glare with potential to cause temporary after-image.





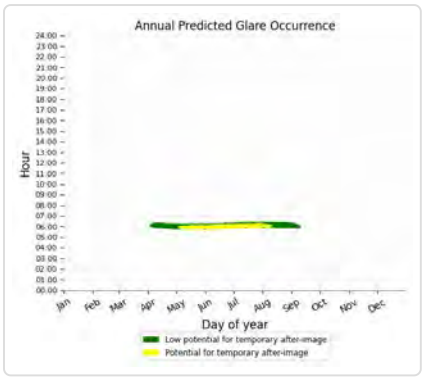


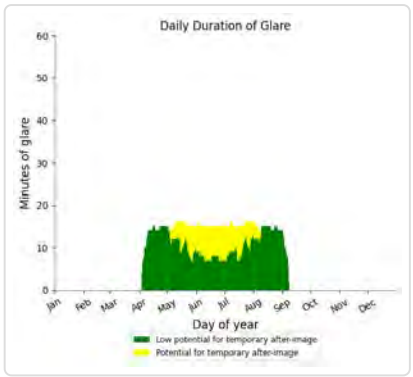


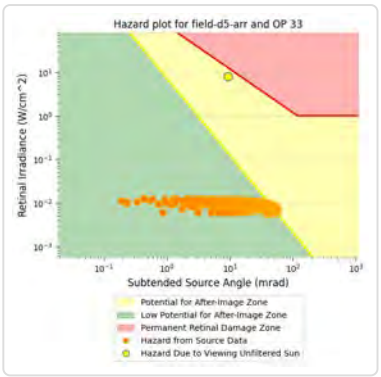
Field D5 Array: OP 33

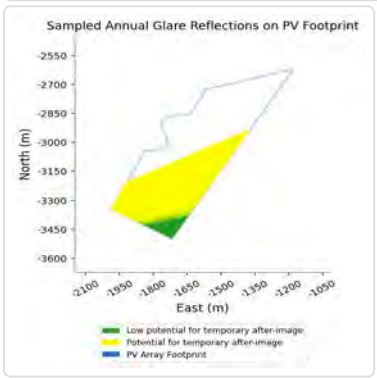
PV array is expected to produce the following glare for this receptor:

- 1,711 minutes of "green" glare with low potential to cause temporary after-image.
- 576 minutes of "yellow" glare with potential to cause temporary after-image.





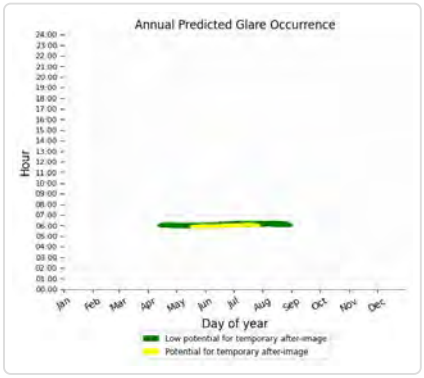


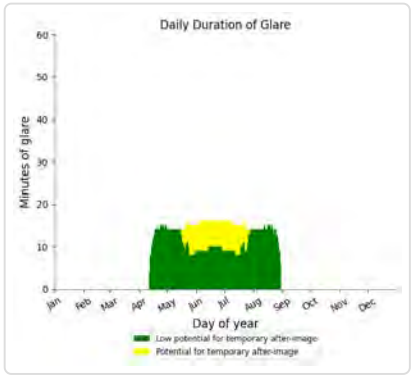


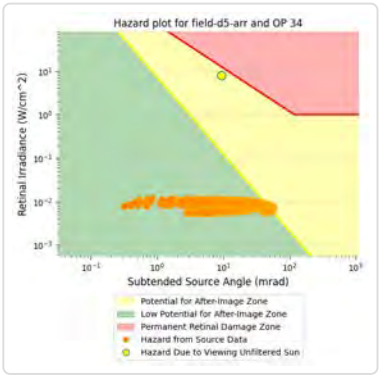
Field D5 Array: OP 34

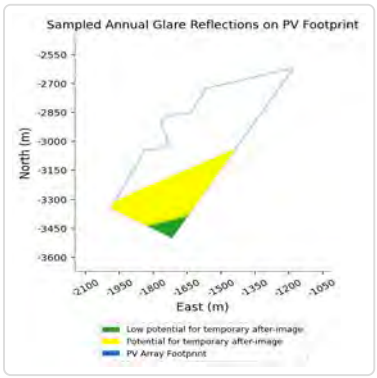
PV array is expected to produce the following glare for this receptor:

- 1,606 minutes of "green" glare with low potential to cause temporary after-image.
- 438 minutes of "yellow" glare with potential to cause temporary after-image.





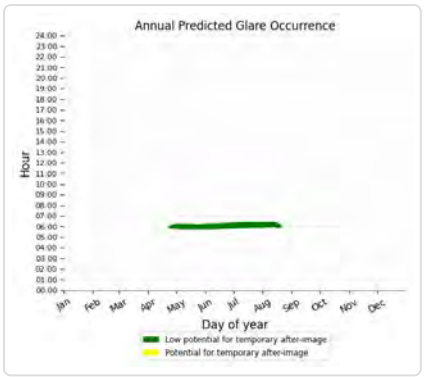




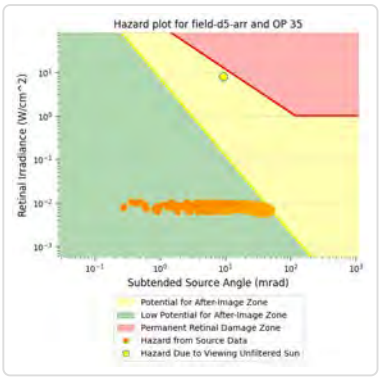
Field D5 Array: OP 35

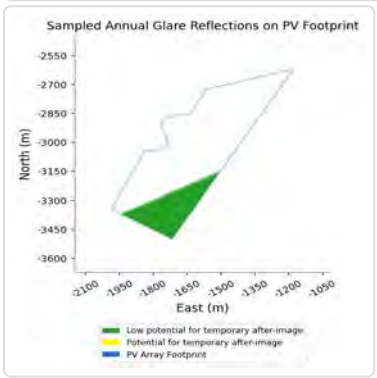
PV array is expected to produce the following glare for this receptor:

- 1,598 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





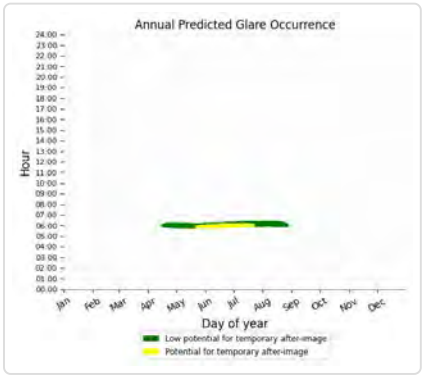


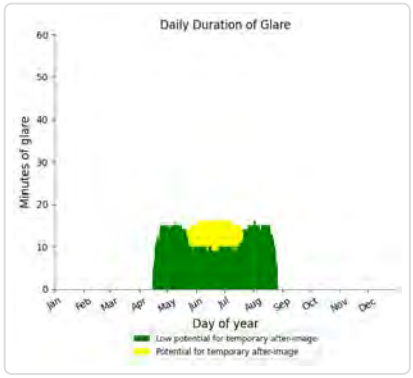


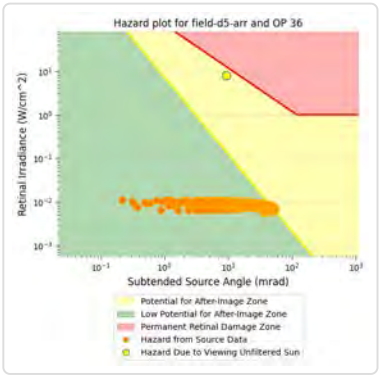
Field D5 Array: OP 36

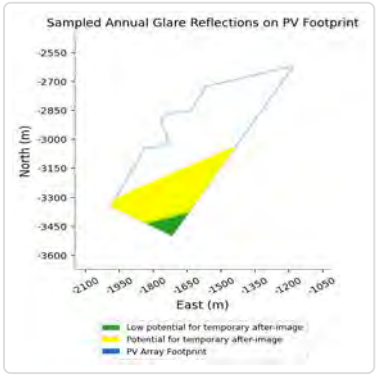
PV array is expected to produce the following glare for this receptor:

- 1,615 minutes of "green" glare with low potential to cause temporary after-image.
- 334 minutes of "yellow" glare with potential to cause temporary after-image.





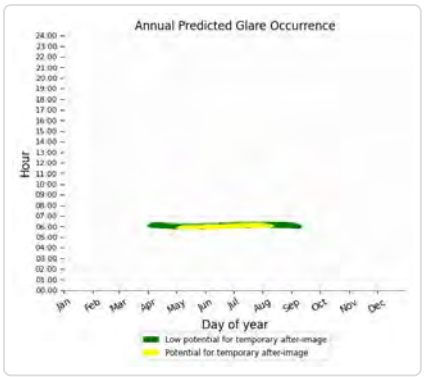


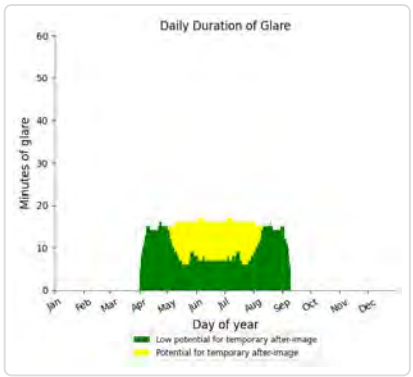


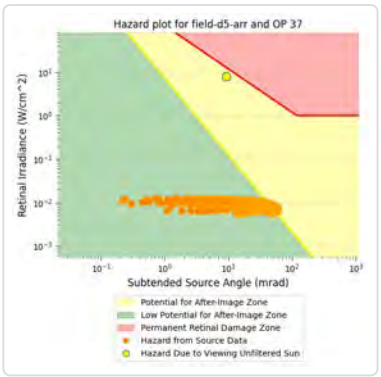
Field D5 Array: OP 37

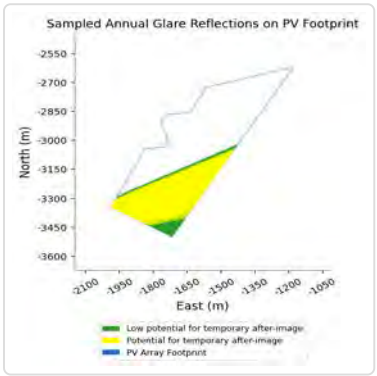
PV array is expected to produce the following glare for this receptor:

- 1,615 minutes of "green" glare with low potential to cause temporary after-image.
- 817 minutes of "yellow" glare with potential to cause temporary after-image.





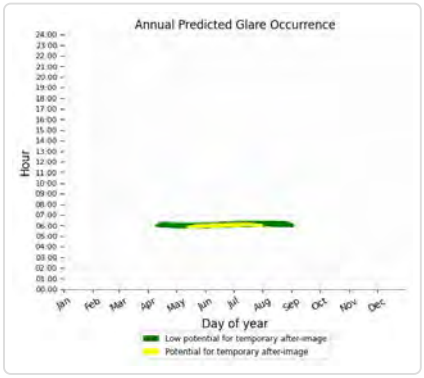


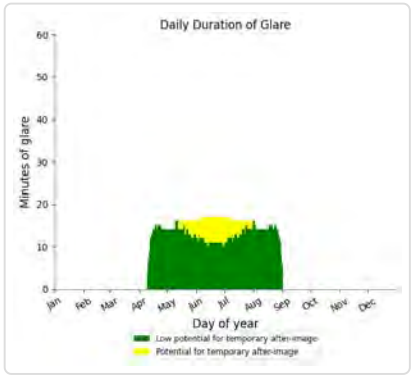


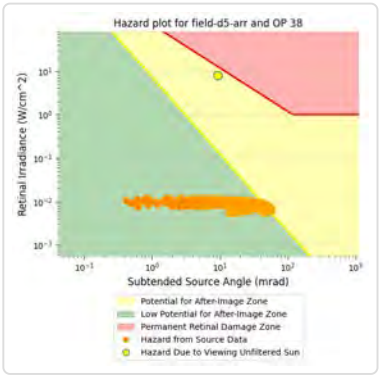
Field D5 Array: OP 38

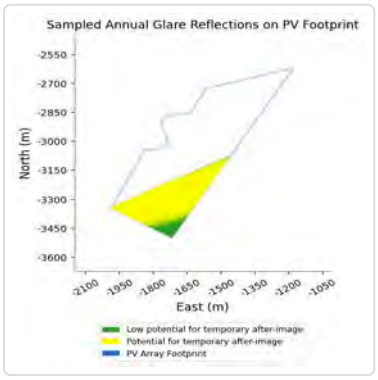
PV array is expected to produce the following glare for this receptor:

- 1,879 minutes of "green" glare with low potential to cause temporary after-image.
- 320 minutes of "yellow" glare with potential to cause temporary after-image.





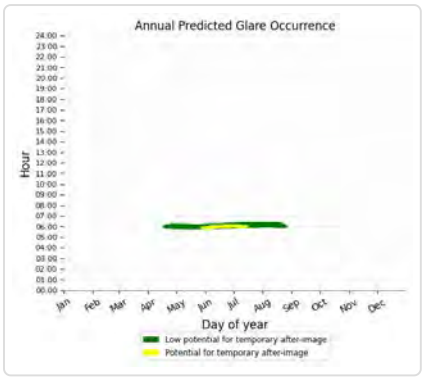


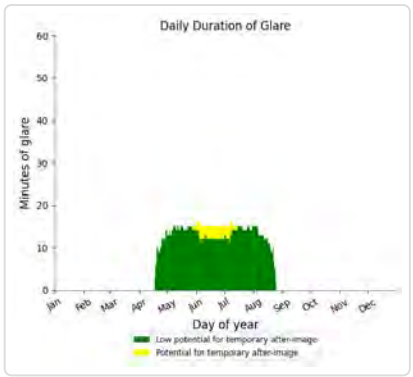


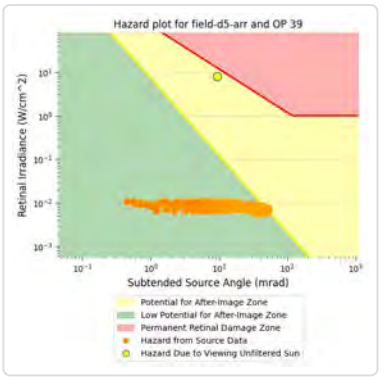
Field D5 Array: OP 39

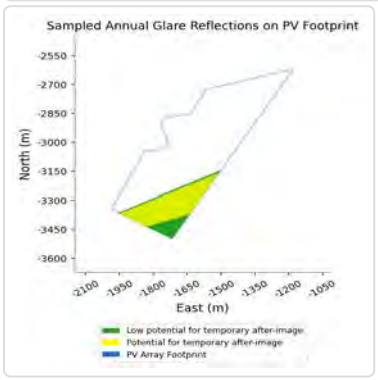
PV array is expected to produce the following glare for this receptor:

- 1,659 minutes of "green" glare with low potential to cause temporary after-image.
- 122 minutes of "yellow" glare with potential to cause temporary after-image.





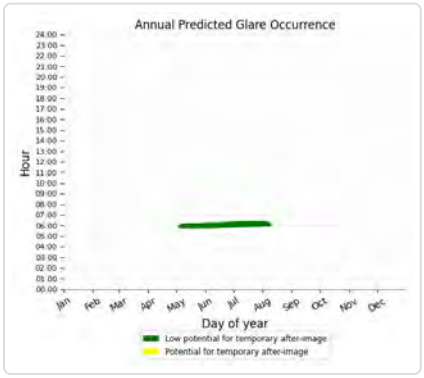


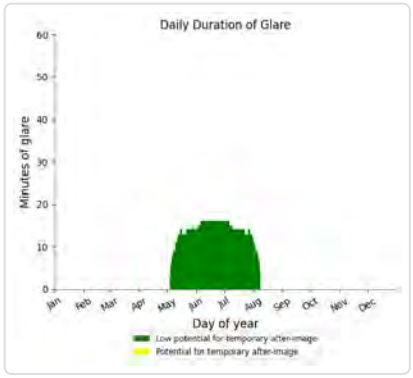


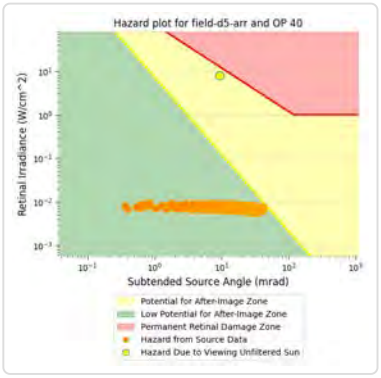
Field D5 Array: OP 40

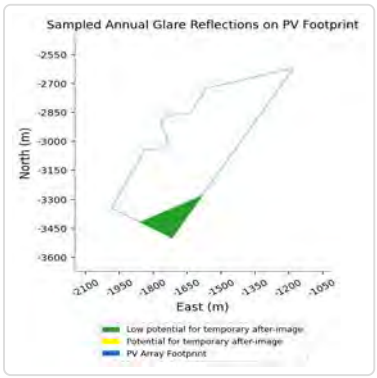
PV array is expected to produce the following glare for this receptor:

- 1,321 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





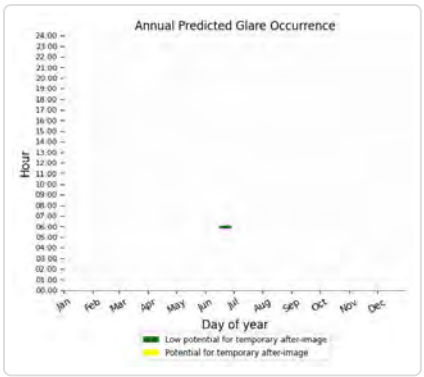


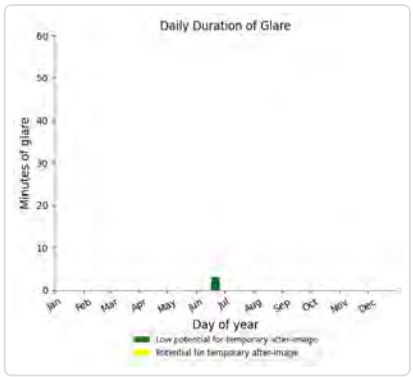


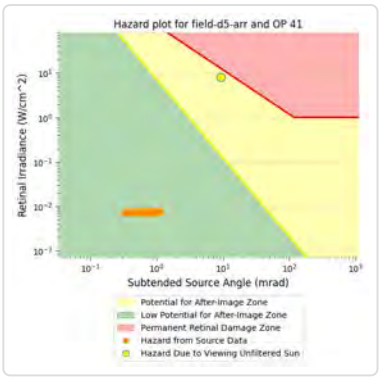
Field D5 Array: OP 41

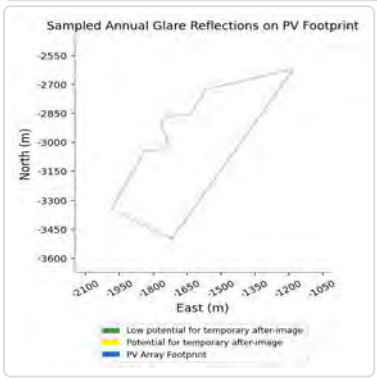
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 42

No glare found

Field D5 Array: OP 43

No glare found

Field D5 Array: OP 44

No glare found

Field D5 Array: OP 45

No glare found

Field D5 Array: OP 46

No glare found

Field D5 Array: OP 47

No glare found

Field D5 Array: OP 48

No glare found

Field D5 Array: OP 49

No glare found

Field D5 Array: OP 50

No glare found

Field D5 Array: OP 51

No glare found

Field D5 Array: OP 52

No glare found

Field D6 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	378	0
OP: OP 6	791	0
OP: OP 7	1999	0
OP: OP 8	2073	0
OP: OP 9	2124	0
OP: OP 10	1939	0
OP: OP 11	2139	0
OP: OP 12	1904	0
OP: OP 13	2083	0
OP: OP 14	1931	0
OP: OP 15	1710	0
OP: OP 16	1747	0
OP: OP 17	1699	0

OP: OP 18	1759	0
OP: OP 19	768	0
OP: OP 20	532	0
OP: OP 21	481	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	29	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

Field D6 Array: OP 1

No glare found

Field D6 Array: OP 2

No glare found

Field D6 Array: OP 3

No glare found

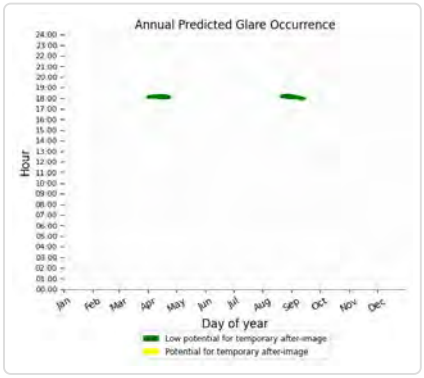
Field D6 Array: OP 4

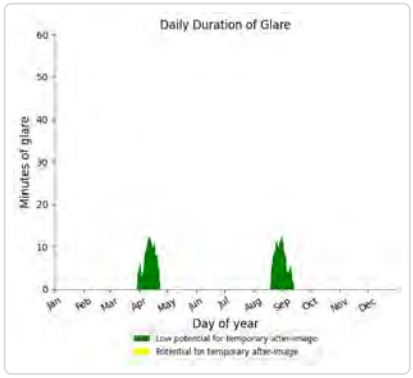
No glare found

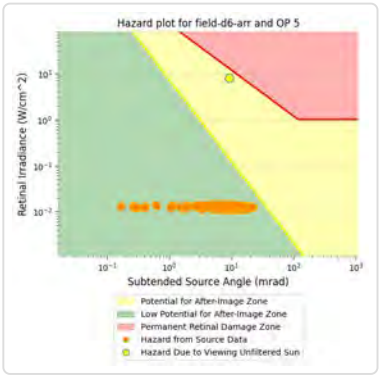
Field D6 Array: OP 5

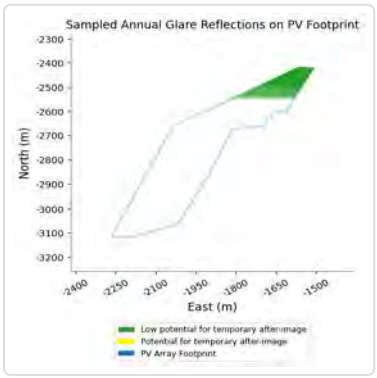
PV array is expected to produce the following glare for this receptor:

- 378 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





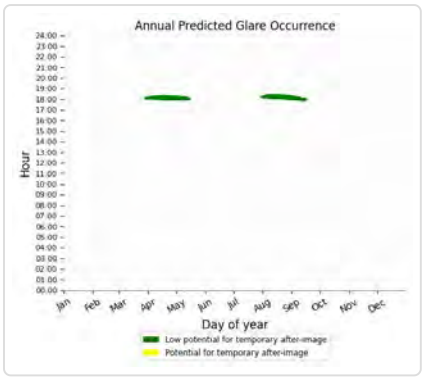


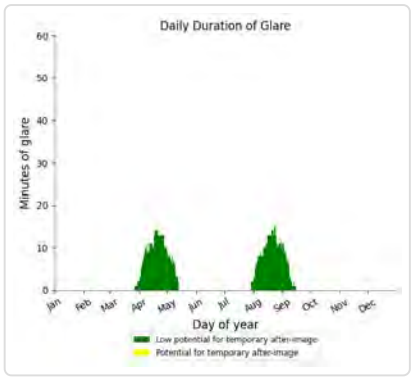


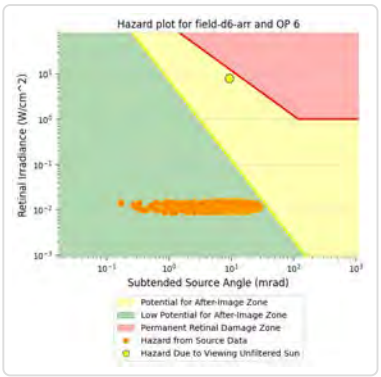
Field D6 Array: OP 6

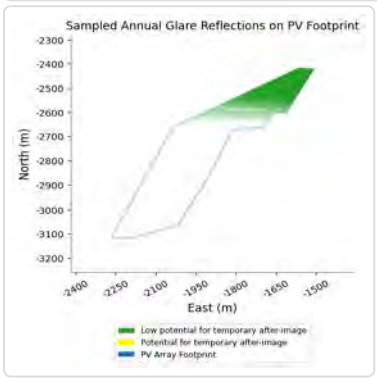
PV array is expected to produce the following glare for this receptor:

- 791 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





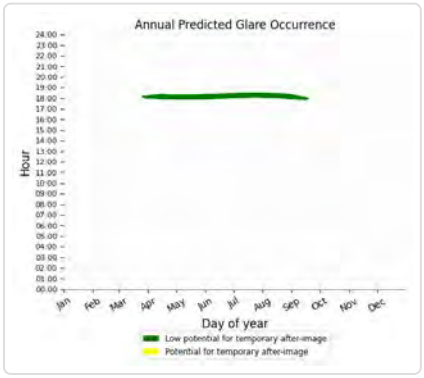


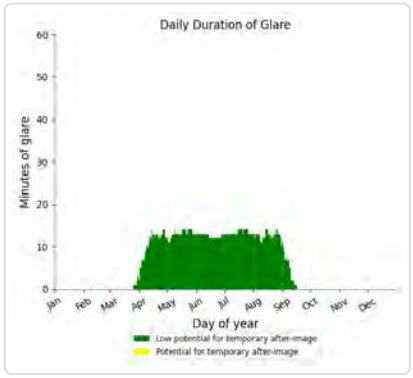


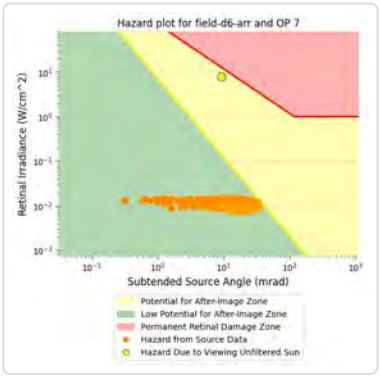
Field D6 Array: OP 7

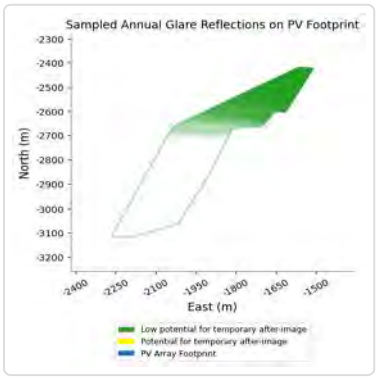
PV array is expected to produce the following glare for this receptor:

- 1,999 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





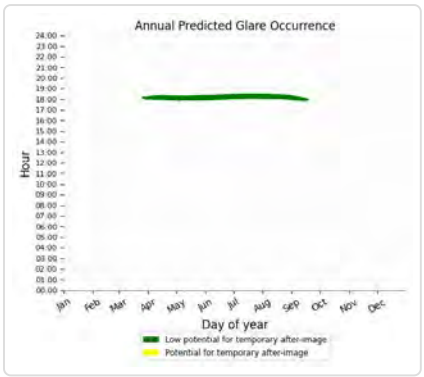




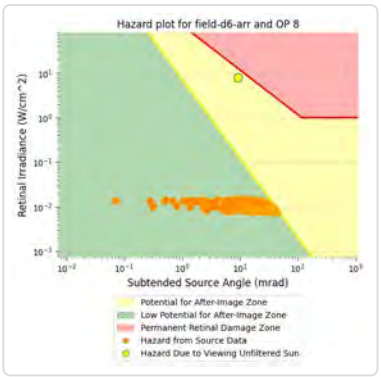
Field D6 Array: OP 8

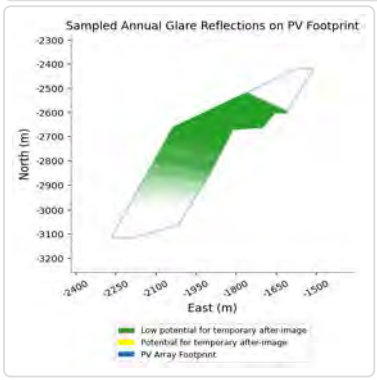
PV array is expected to produce the following glare for this receptor:

- 2,073 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





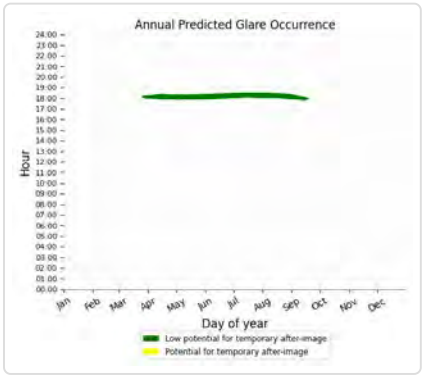


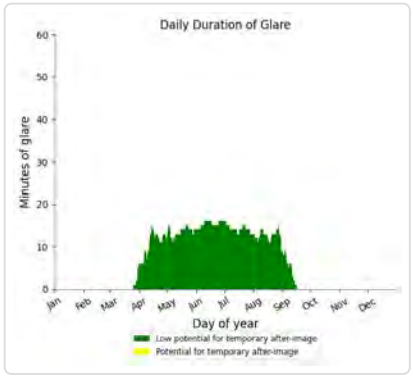


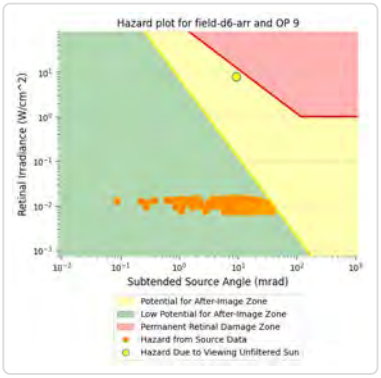
Field D6 Array: OP 9

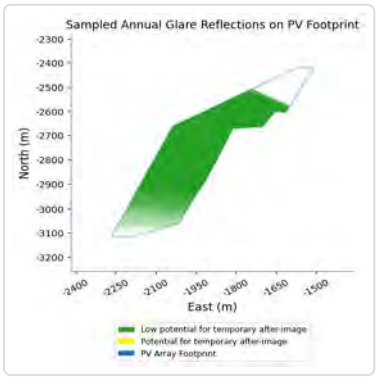
PV array is expected to produce the following glare for this receptor:

- 2,124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





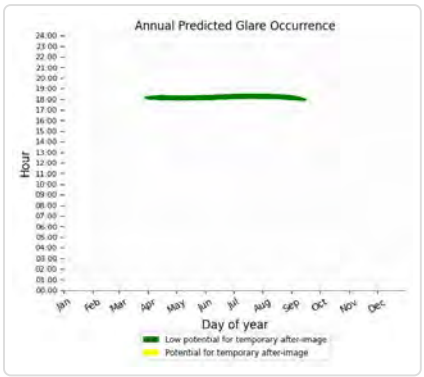


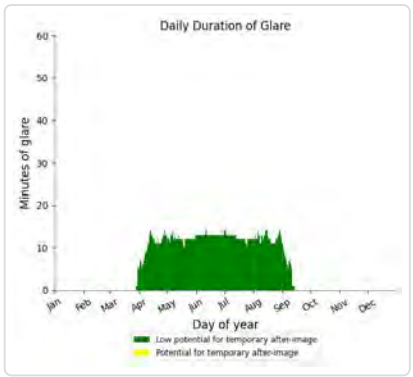


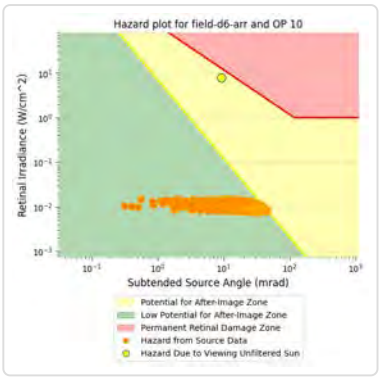
Field D6 Array: OP 10

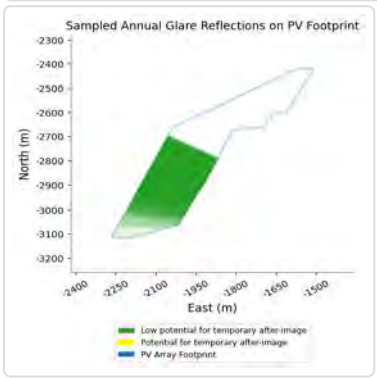
PV array is expected to produce the following glare for this receptor:

- 1,939 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





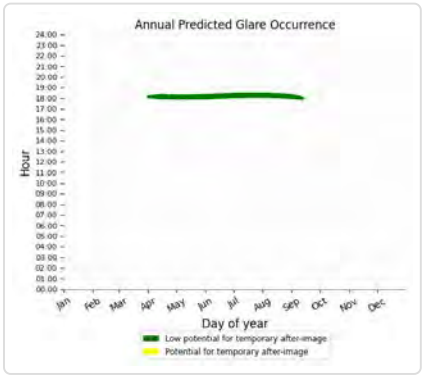


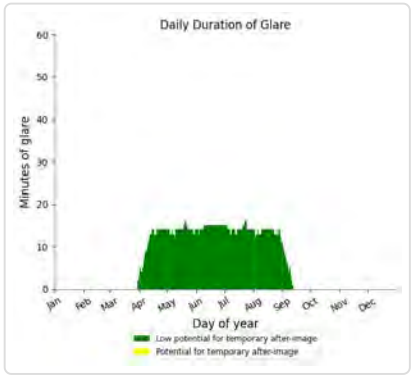


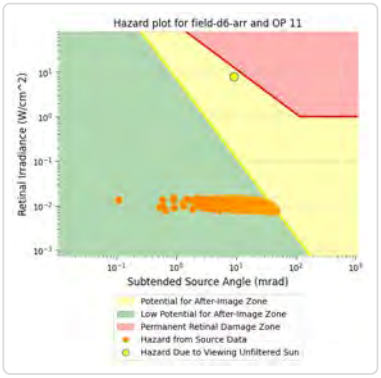
Field D6 Array: OP 11

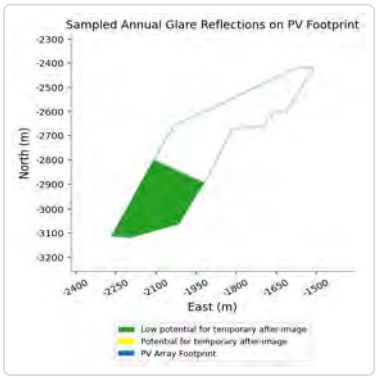
PV array is expected to produce the following glare for this receptor:

- 2,139 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





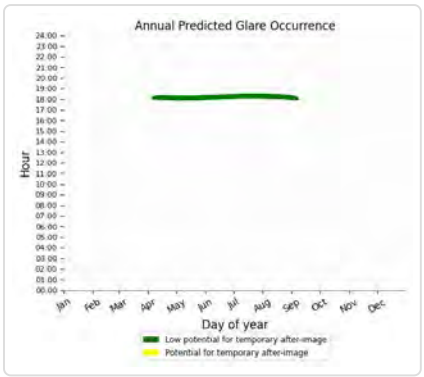




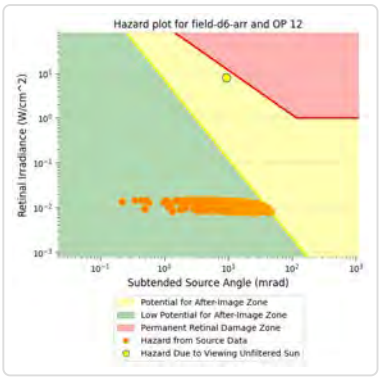
Field D6 Array: OP 12

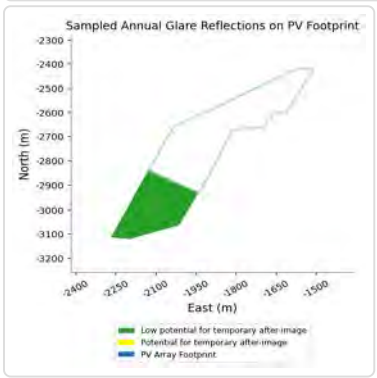
PV array is expected to produce the following glare for this receptor:

- 1,904 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





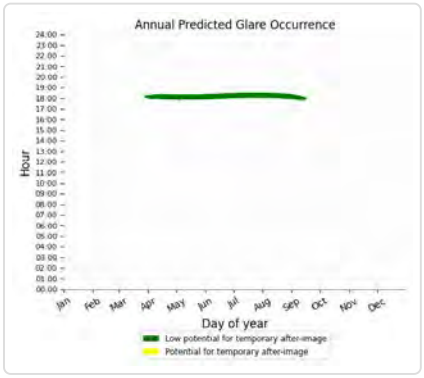


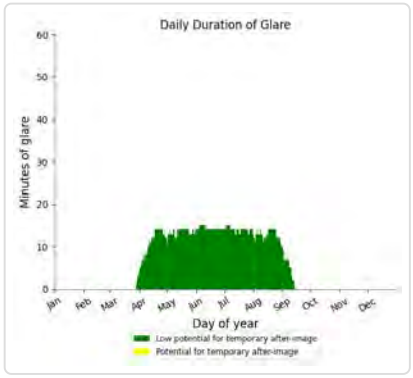


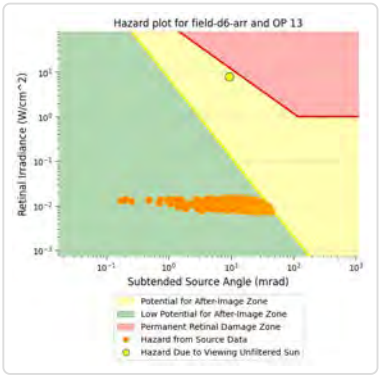
Field D6 Array: OP 13

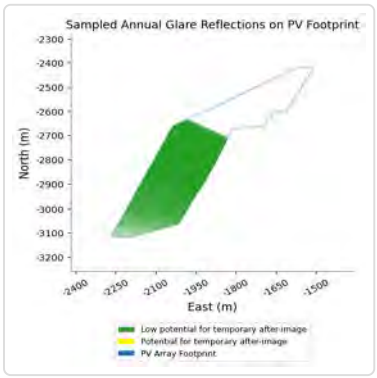
PV array is expected to produce the following glare for this receptor:

- 2,083 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





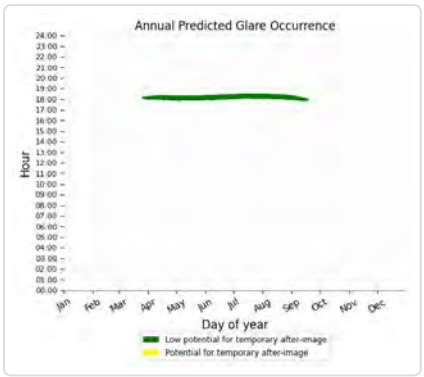




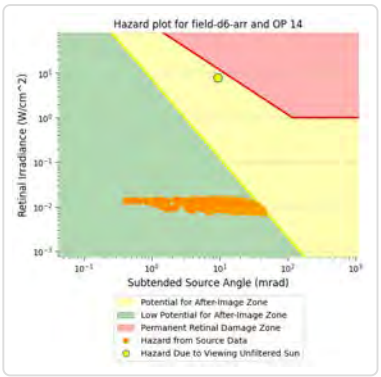
Field D6 Array: OP 14

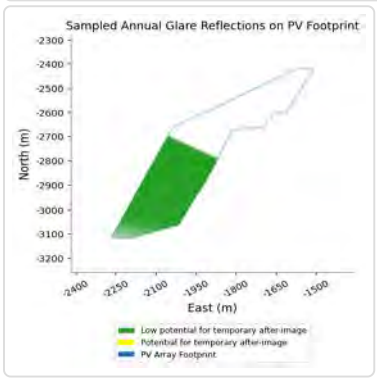
PV array is expected to produce the following glare for this receptor:

- 1,931 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





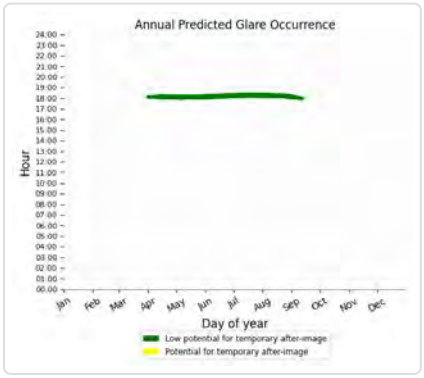


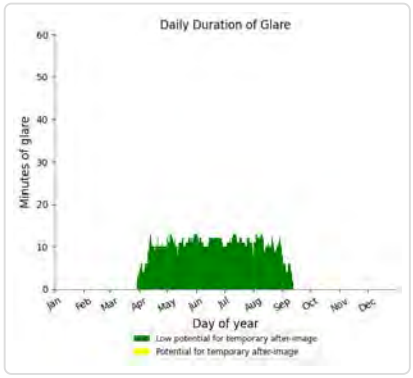


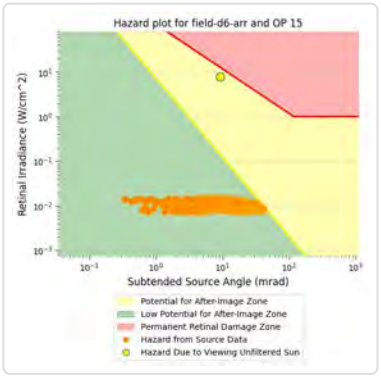
Field D6 Array: OP 15

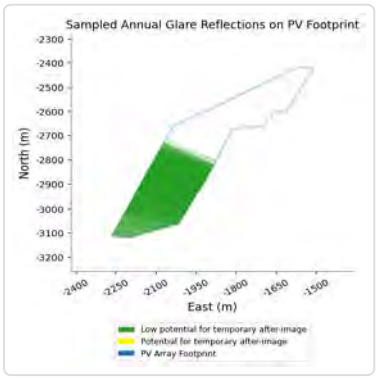
PV array is expected to produce the following glare for this receptor:

- 1,710 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





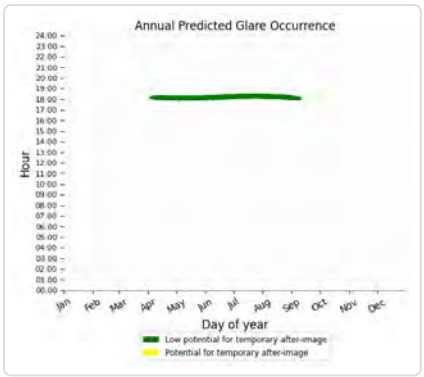


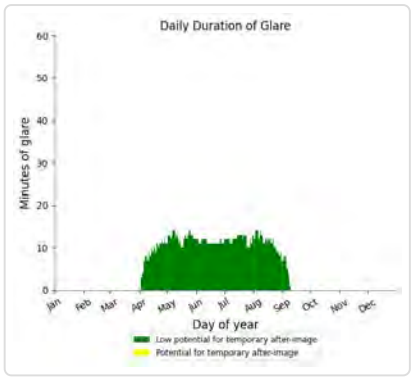


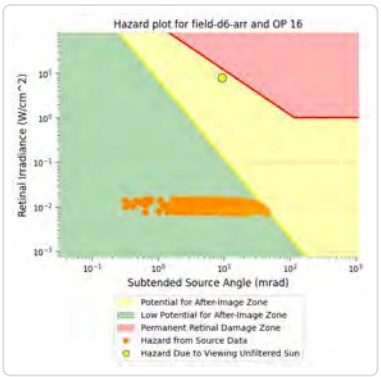
Field D6 Array: OP 16

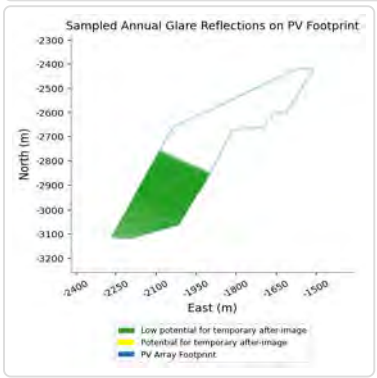
PV array is expected to produce the following glare for this receptor:

- 1,747 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





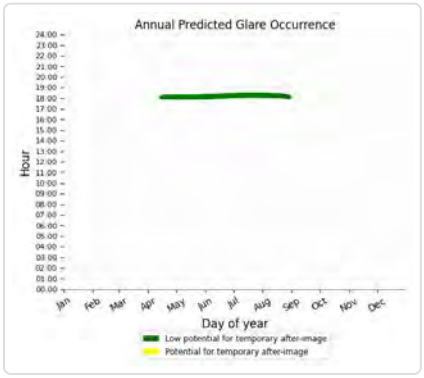


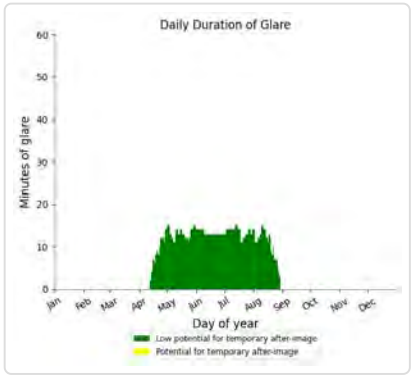


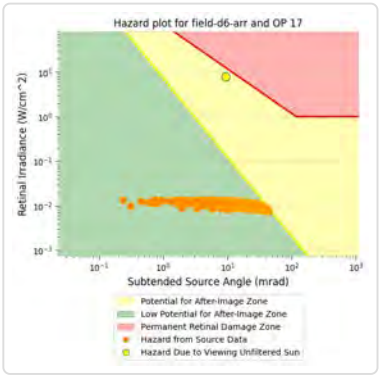
Field D6 Array: OP 17

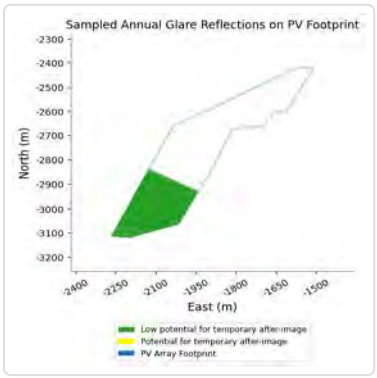
PV array is expected to produce the following glare for this receptor:

- 1,699 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





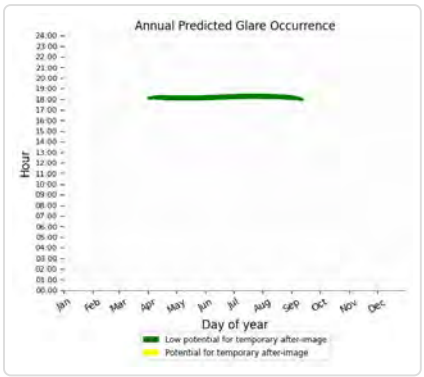




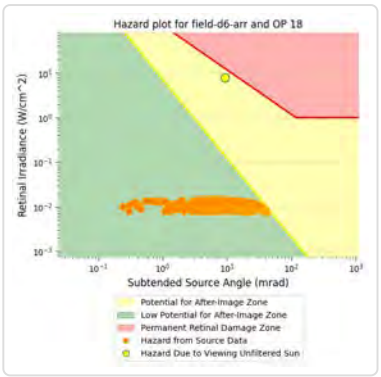
Field D6 Array: OP 18

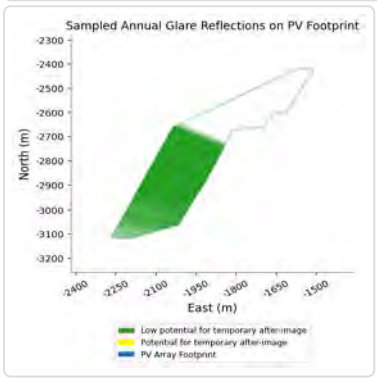
PV array is expected to produce the following glare for this receptor:

- 1,759 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





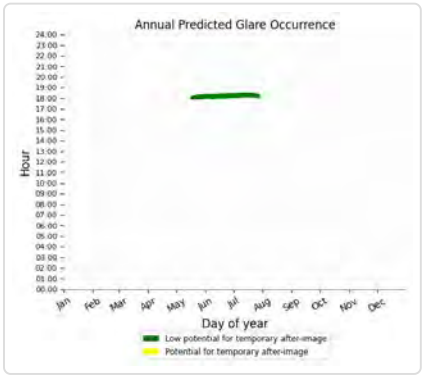


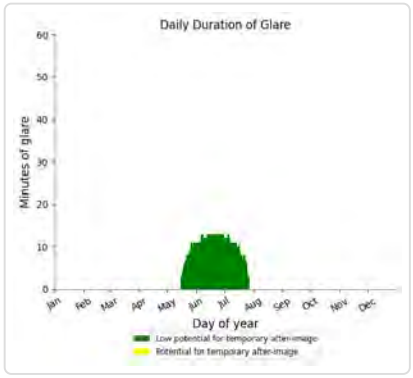


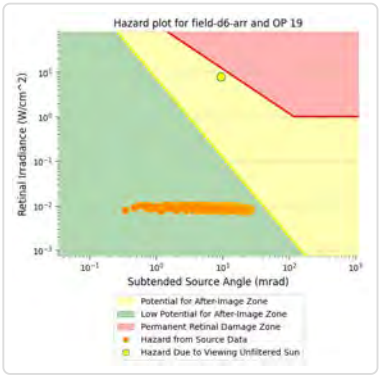
Field D6 Array: OP 19

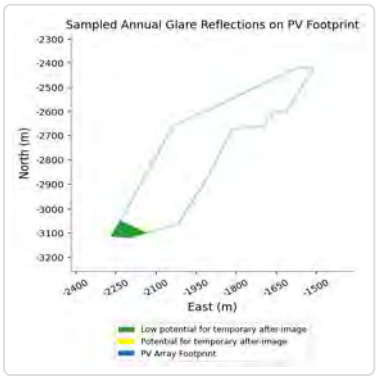
PV array is expected to produce the following glare for this receptor:

- 768 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





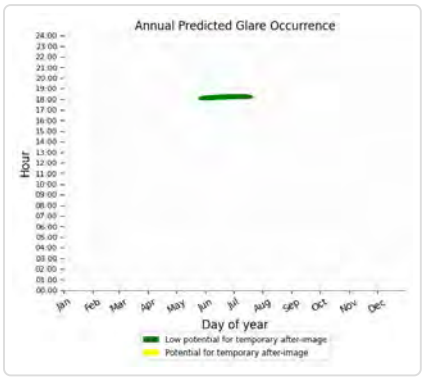


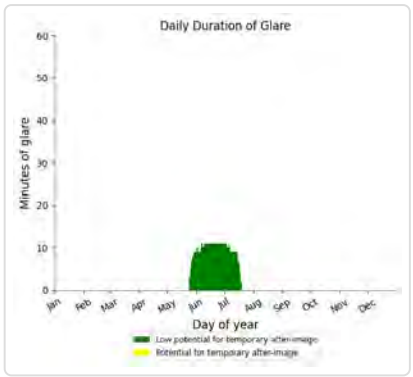


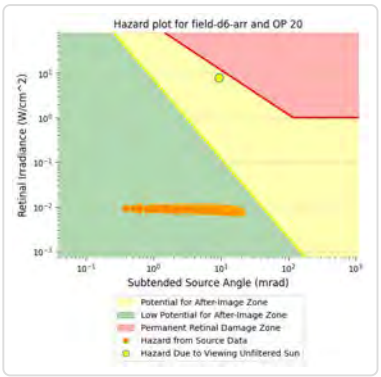
Field D6 Array: OP 20

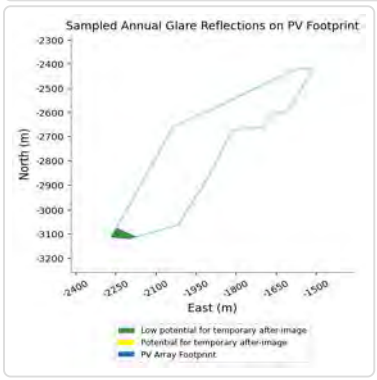
PV array is expected to produce the following glare for this receptor:

- 532 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





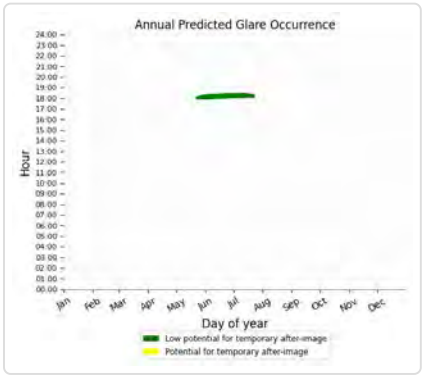


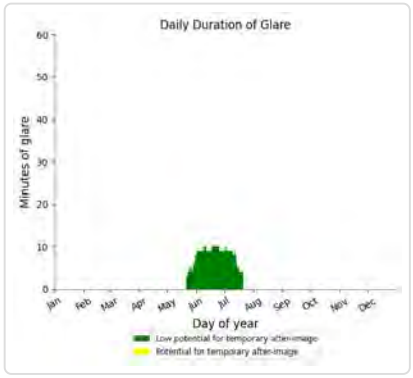


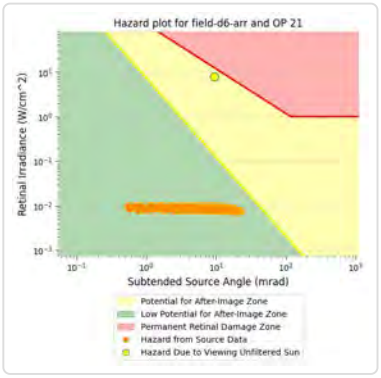
Field D6 Array: OP 21

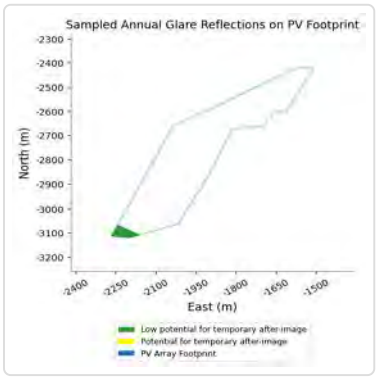
PV array is expected to produce the following glare for this receptor:

- 481 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 22

No glare found

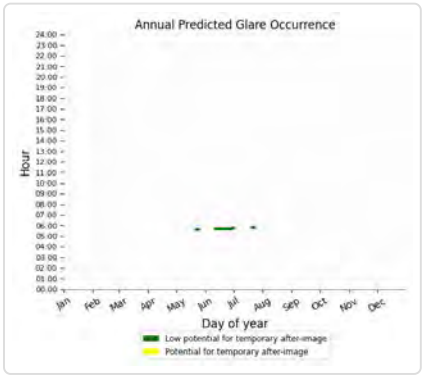
Field D6 Array: OP 23

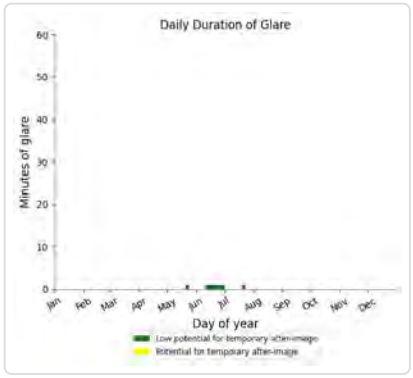
No glare found

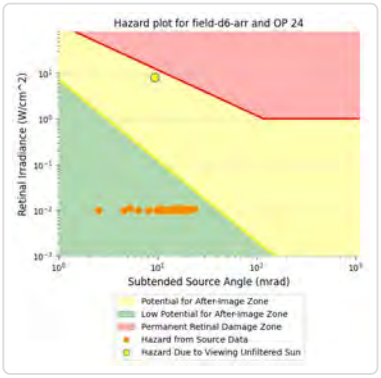
Field D6 Array: OP 24

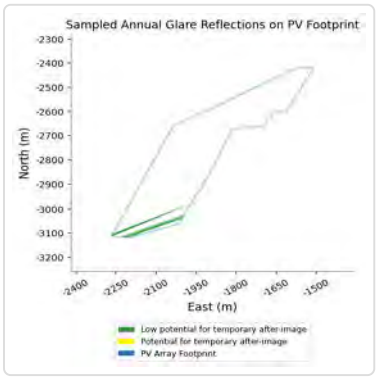
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 25

No glare found

Field D6 Array: OP 26

No glare found

Field D6 Array: OP 27

No glare found

Field D6 Array: OP 28

No glare found

Field D6 Array: OP 29

No glare found

Field D6 Array: OP 30

No glare found

Field D6 Array: OP 31

No glare found

Field D6 Array: OP 32

No glare found

Field D6 Array: OP 33

No glare found

Field D6 Array: OP 34

No glare found

Field D6 Array: OP 35

No glare found

Field D6 Array: OP 36

No glare found

Field D6 Array: OP 37

No glare found

Field D6 Array: OP 38

No glare found

Field D6 Array: OP 39

No glare found

Field D6 Array: OP 40

No glare found

Field D6 Array: OP 41

No glare found

Field D6 Array: OP 42

No glare found

Field D6 Array: OP 43

No glare found

Field D6 Array: OP 44

No glare found

Field D6 Array: OP 45

No glare found

Field D6 Array: OP 46

No glare found

Field D6 Array: OP 47

No glare found

Field D6 Array: OP 48

No glare found

Field D6 Array: OP 49

No glare found

Field D6 Array: OP 50

No glare found

Field D6 Array: OP 51

No glare found

Field D6 Array: OP 52

No glare found

Field D7 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	939	0
OP: OP 6	2412	54
OP: OP 7	1235	1308
OP: OP 8	1121	0
OP: OP 9	1034	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

Field D7 Array: OP 1

No glare found

Field D7 Array: OP 2

No glare found

Field D7 Array: OP 3

No glare found

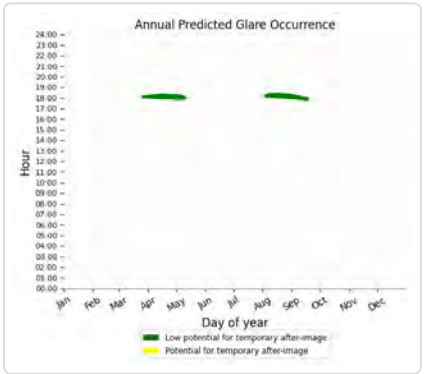
Field D7 Array: OP 4

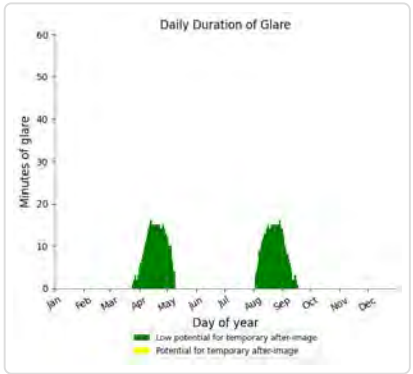
No glare found

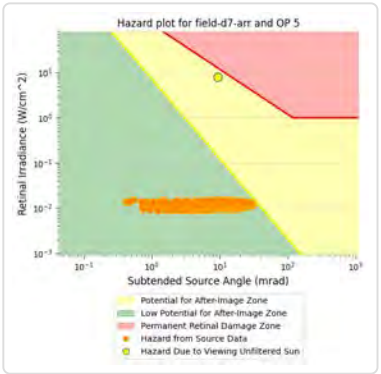
Field D7 Array: OP 5

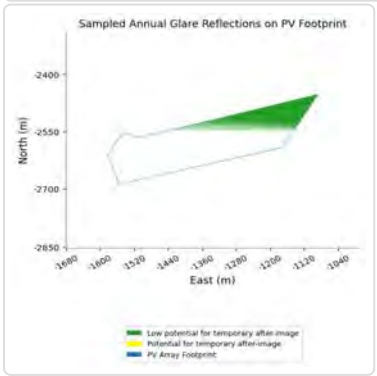
PV array is expected to produce the following glare for this receptor:

- 939 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





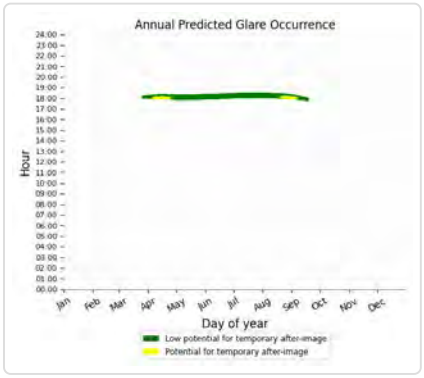


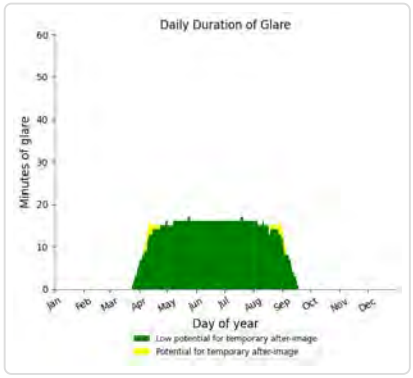


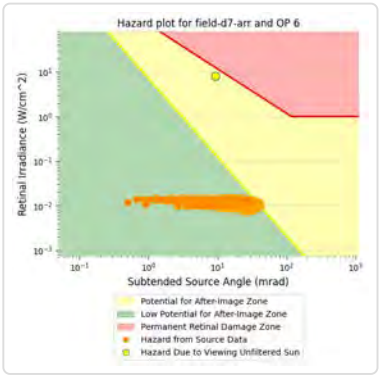
Field D7 Array: OP 6

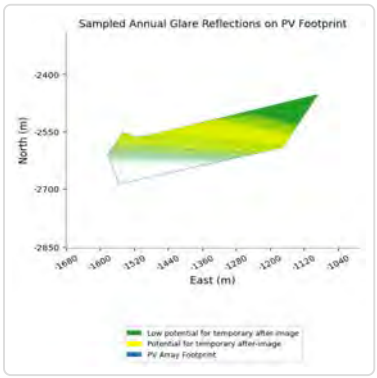
PV array is expected to produce the following glare for this receptor:

- 2,412 minutes of "green" glare with low potential to cause temporary after-image.
- 54 minutes of "yellow" glare with potential to cause temporary after-image.





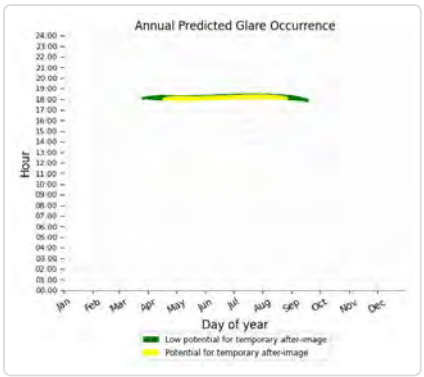


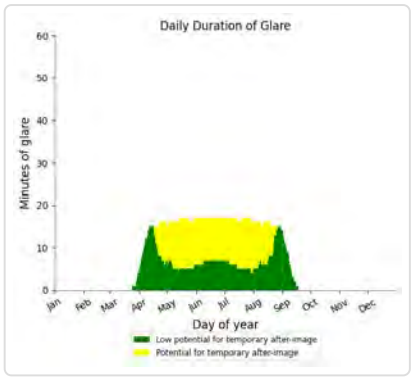


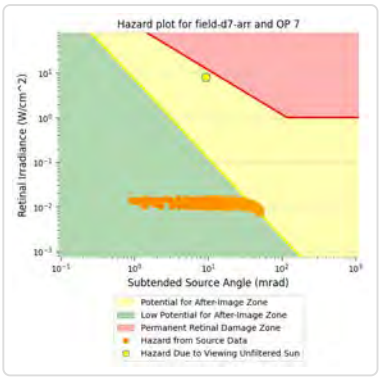
Field D7 Array: OP 7

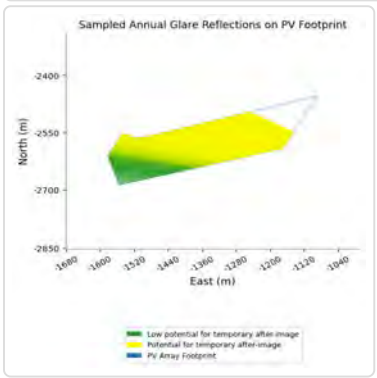
PV array is expected to produce the following glare for this receptor:

- 1,235 minutes of "green" glare with low potential to cause temporary after-image.
- 1,308 minutes of "yellow" glare with potential to cause temporary after-image.





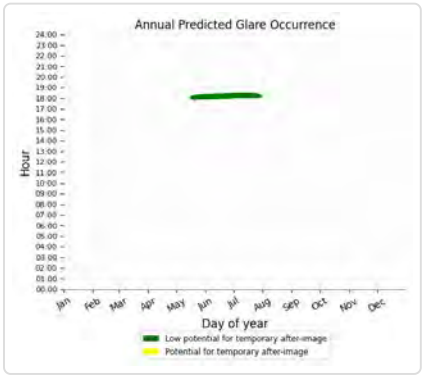


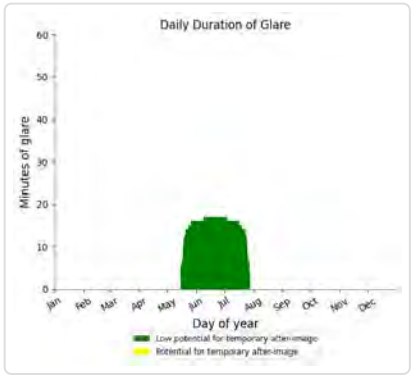


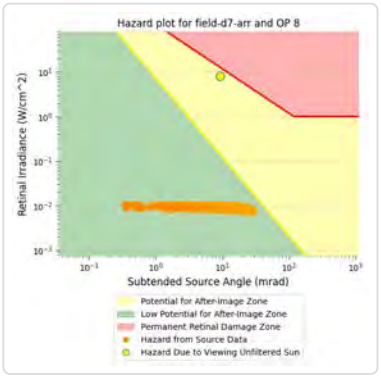
Field D7 Array: OP 8

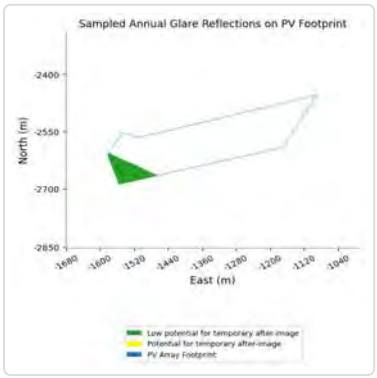
PV array is expected to produce the following glare for this receptor:

- 1,121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





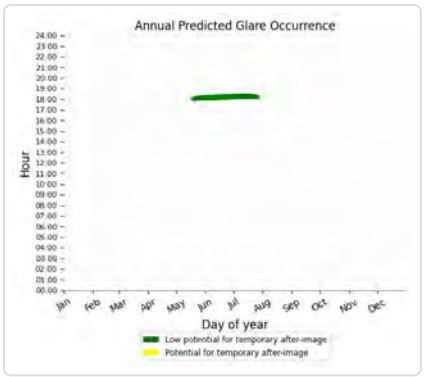




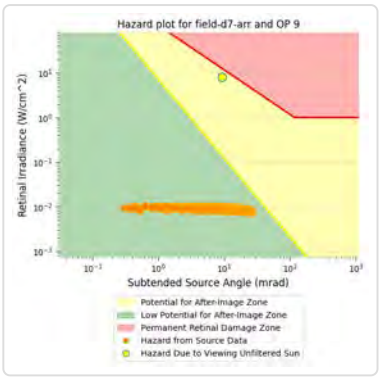
Field D7 Array: OP 9

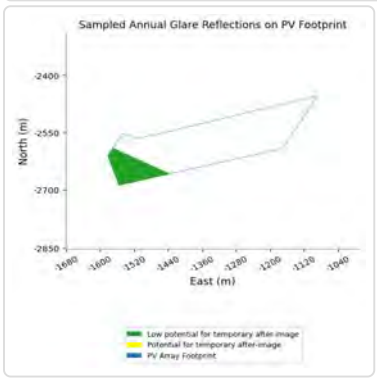
PV array is expected to produce the following glare for this receptor:

- 1,034 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 10

No glare found

Field D7 Array: OP 11

No glare found

Field D7 Array: OP 12

No glare found

Field D7 Array: OP 13

No glare found

Field D7 Array: OP 14

No glare found

Field D7 Array: OP 15

No glare found

Field D7 Array: OP 16

No glare found

Field D7 Array: OP 17

No glare found

Field D7 Array: OP 18

No glare found

Field D7 Array: OP 19

No glare found

Field D7 Array: OP 20

No glare found

Field D7 Array: OP 21

No glare found

Field D7 Array: OP 22

No glare found

Field D7 Array: OP 23

No glare found

Field D7 Array: OP 24

No glare found

Field D7 Array: OP 25

No glare found

Field D7 Array: OP 26

No glare found

Field D7 Array: OP 27

No glare found

Field D7 Array: OP 28

No glare found

Field D7 Array: OP 29

No glare found

Field D7 Array: OP 30

No glare found

Field D7 Array: OP 31

No glare found

Field D7 Array: OP 32

No glare found

Field D7 Array: OP 33

No glare found

Field D7 Array: OP 34

No glare found

Field D7 Array: OP 35

No glare found

Field D7 Array: OP 36

No glare found

Field D7 Array: OP 37

No glare found

Field D7 Array: OP 38

No glare found

Field D7 Array: OP 39

No glare found

Field D7 Array: OP 40

No glare found

Field D7 Array: OP 41

No glare found

Field D7 Array: OP 42

No glare found

Field D7 Array: OP 43

No glare found

Field D7 Array: OP 44

No glare found

Field D7 Array: OP 45

No glare found

Field D7 Array: OP 46

No glare found

Field D7 Array: OP 47

No glare found

Field D7 Array: OP 48

No glare found

Field D7 Array: OP 49

No glare found

Field D7 Array: OP 50

No glare found

Field D7 Array: OP 51

No glare found

Field D7 Array: OP 52

No glare found

Field D8 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	630	0
OP: OP 9	633	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0

OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

Field D8 Array: OP 1

No glare found

Field D8 Array: OP 2

No glare found

Field D8 Array: OP 3

No glare found

Field D8 Array: OP 4

No glare found

Field D8 Array: OP 5

No glare found

Field D8 Array: OP 6

No glare found

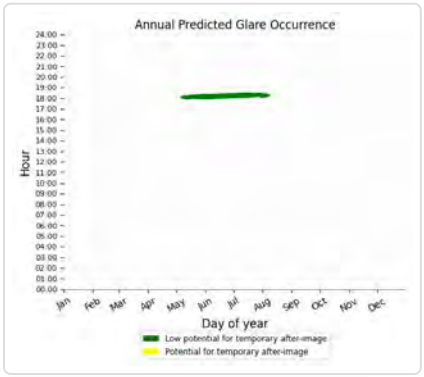
Field D8 Array: OP 7

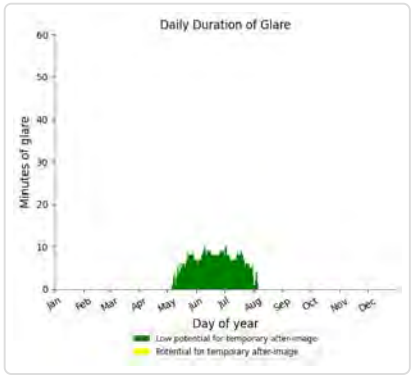
No glare found

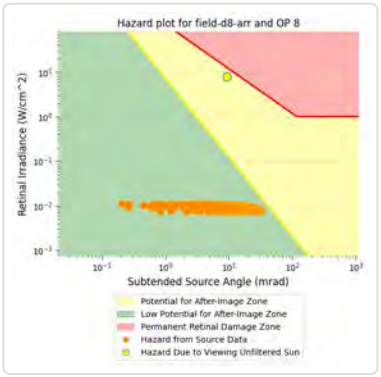
Field D8 Array: OP 8

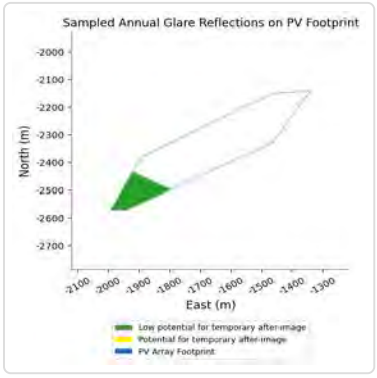
PV array is expected to produce the following glare for this receptor:

- 630 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





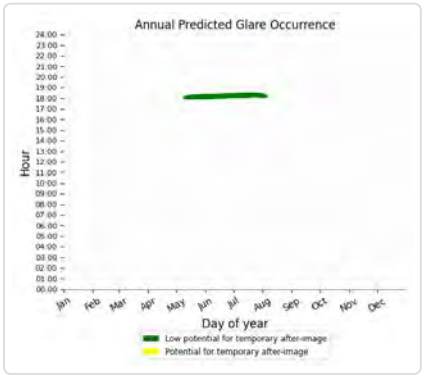


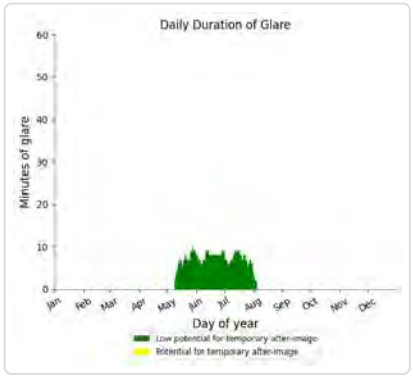


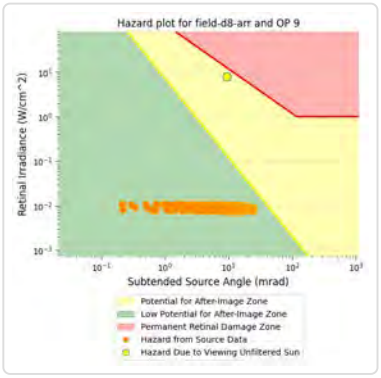
Field D8 Array: OP 9

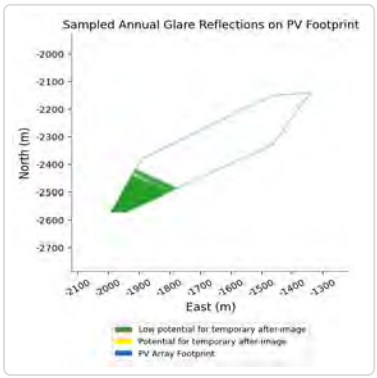
PV array is expected to produce the following glare for this receptor:

- 633 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 10

No glare found

Field D8 Array: OP 11

No glare found

Field D8 Array: OP 12

No glare found

Field D8 Array: OP 13

No glare found

Field D8 Array: OP 14

No glare found

Field D8 Array: OP 15

No glare found

Field D8 Array: OP 16

No glare found

Field D8 Array: OP 17

No glare found

Field D8 Array: OP 18

No glare found

Field D8 Array: OP 19

No glare found

Field D8 Array: OP 20

No glare found

Field D8 Array: OP 21

No glare found

Field D8 Array: OP 22

No glare found

Field D8 Array: OP 23

No glare found

Field D8 Array: OP 24

No glare found

Field D8 Array: OP 25

No glare found

Field D8 Array: OP 26

No glare found

Field D8 Array: OP 27

No glare found

Field D8 Array: OP 28

No glare found

Field D8 Array: OP 29

No glare found

Field D8 Array: OP 30

No glare found

Field D8 Array: OP 31

No glare found

Field D8 Array: OP 32

No glare found

Field D8 Array: OP 33

No glare found

Field D8 Array: OP 34

No glare found

Field D8 Array: OP 35

No glare found

Field D8 Array: OP 36

No glare found

Field D8 Array: OP 37

No glare found

Field D8 Array: OP 38

No glare found

Field D8 Array: OP 39

No glare found

Field D8 Array: OP 40

No glare found

Field D8 Array: OP 41

No glare found

Field D8 Array: OP 42

No glare found

Field D8 Array: OP 43

No glare found

Field D8 Array: OP 44

No glare found

Field D8 Array: OP 45

No glare found

Field D8 Array: OP 46

No glare found

Field D8 Array: OP 47

No glare found

Field D8 Array: OP 48

No glare found

Field D8 Array: OP 49

No glare found

Field D8 Array: OP 50

No glare found

Field D8 Array: OP 51

No glare found

Field D8 Array: OP 52

No glare found

Field D9 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Annex F: Road Receptor Glare Results East Group A 10 Degrees

Meridian Solar Farm East

Meridian East Road Group A 10 Degrees

Created Jun 27, 2025
Updated Aug 22, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 153265.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	10.0	180.0	3,790	5,434	-
Field D1A-B Array	10.0	180.0	14,522	13,240	-
Field D1C Array	10.0	180.0	5,636	4,467	-
Field D2 Array	10.0	180.0	10,721	12,158	-
Field D3 Array	10.0	180.0	32,630	23,423	-
Field D5 Array	10.0	180.0	23,631	7,951	-
Field D6 Array	10.0	180.0	11,739	8,809	-
Field D7 Array	10.0	180.0	4,638	2,747	-
Field D8 Array	10.0	180.0	10,958	4,344	-
Field D9 Array	10.0	180.0	4,754	1,953	-

Component Data

PV Array(s)

Total PV footprint area: 2,349,416 m^2

Name: Field D10 Array
Footprint area: 136,922 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726260	0.005110	1.64	4.30	5.94
2	52.726280	0.006190	1.44	4.30	5.74
3	52.727290	0.012200	0.92	4.30	5.22
4	52.729990	0.014980	1.57	4.30	5.87
5	52.729970	0.013600	1.82	4.30	6.12
6	52.729290	0.008210	1.63	4.30	5.93

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,701 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734150	0.018170	1.76	4.30	6.06
7	52.734140	0.016690	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 417,808 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721760	0.006720	2.04	4.30	6.34
5	52.721760	0.005890	1.47	4.30	5.77
6	52.722100	0.005820	1.64	4.30	5.94
7	52.722300	0.007260	2.17	4.30	6.47
8	52.723460	0.008450	2.13	4.30	6.43
9	52.723520	0.007330	1.58	4.30	5.88
10	52.723970	0.007610	1.68	4.30	5.98
11	52.724640	0.009600	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724970	0.003600	1.82	4.30	6.12
18	52.724490	0.004010	1.22	4.30	5.52
19	52.722900	0.002300	1.46	4.30	5.76
20	52.722760	0.001580	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 812,141 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708690	-0.019660	1.33	4.30	5.63
2	52.708320	-0.017290	1.31	4.30	5.61
3	52.707810	-0.017190	0.84	4.30	5.14
4	52.707810	-0.016140	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.21
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004800	1.86	4.30	6.17
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.89	4.30	6.18
17	52.720130	-0.003470	2.02	4.30	6.31
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.48	4.30	5.78
20	52.722490	0.000690	1.20	4.30	5.50
21	52.722440	-0.000180	1.29	4.30	5.59
22	52.722960	0.000420	1.30	4.30	5.60
23	52.723330	-0.001430	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 268,446 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702730	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700070	-0.021060	1.99	4.30	6.29
8	52.699610	-0.020660	2.06	4.30	6.36
9	52.698980	-0.020530	2.35	4.30	6.64
10	52.698900	-0.022040	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,077 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700890	-0.022750	2.61	4.30	6.91
2	52.702250	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698740	-0.024700	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,242 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702110	-0.017910	2.45	4.30	6.75
2	52.702800	-0.018300	1.02	4.30	5.32
3	52.703320	-0.017780	0.77	4.30	5.07
4	52.703210	-0.017260	0.95	4.30	5.25
5	52.703300	-0.016590	1.08	4.30	5.38
6	52.704210	-0.010990	2.29	4.30	6.58
7	52.702970	-0.012210	2.23	4.30	6.54

Name: Field D8 Array
Footprint area: 93,322 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

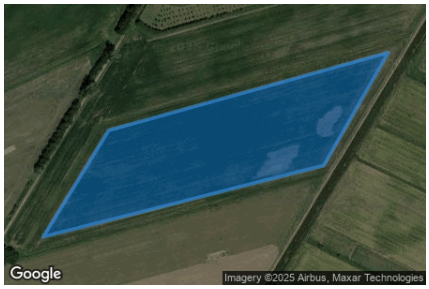
Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703150	-0.024330	1.81	4.30	6.11
2	52.703160	-0.023580	1.61	4.30	5.91
3	52.705330	-0.016540	2.05	4.30	6.35
4	52.707010	-0.014740	1.57	4.30	5.87
5	52.706940	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60

Name: Field D9 Array
Footprint area: 61,899 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709230	-0.011260	1.62	4.30	5.92
2	52.710710	-0.009760	1.07	4.30	5.38
3	52.711790	-0.003360	1.62	4.30	5.92
4	52.710220	-0.004840	1.86	4.30	6.16

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	52.696901	-0.043106	2.70	1.50	4.20
OP 2	52.698585	-0.041851	1.19	1.50	2.69
OP 3	52.700230	-0.040639	2.20	1.50	3.70
OP 4	52.701888	-0.039405	1.49	1.50	2.99
OP 5	52.702720	-0.040285	2.10	1.50	3.60
OP 6	52.701823	-0.036283	1.69	1.50	3.19
OP 7	52.701901	-0.033386	2.45	1.50	3.95
OP 8	52.692798	-0.038775	4.99	1.50	6.49
OP 9	52.694343	-0.037380	3.94	1.50	5.44
OP 10	52.695970	-0.035969	3.21	1.50	4.71
OP 11	52.697570	-0.034612	2.21	1.50	3.71
OP 12	52.699218	-0.033201	2.31	1.50	3.81
OP 13	52.700726	-0.031731	3.04	1.50	4.54
OP 14	52.702352	-0.030519	2.81	1.50	4.31
OP 15	52.703931	-0.029156	1.86	1.50	3.36
OP 16	52.705524	-0.027772	1.83	1.50	3.33
OP 17	52.707045	-0.026463	2.79	1.50	4.29
OP 18	52.708755	-0.024983	1.75	1.50	3.25
OP 19	52.710386	-0.023577	2.52	1.50	4.02
OP 20	52.711927	-0.022236	2.09	1.50	3.59
OP 21	52.713506	-0.020852	1.60	1.50	3.10
OP 22	52.715105	-0.019457	2.73	1.50	4.23
OP 23	52.716658	-0.018127	2.50	1.50	4.00
OP 24	52.718251	-0.016754	2.49	1.50	3.99
OP 25	52.719901	-0.015316	3.75	1.50	5.25
OP 26	52.721532	-0.013932	2.45	1.50	3.95
OP 27	52.723047	-0.012634	4.28	1.50	5.78
OP 28	52.724801	-0.011668	2.43	1.50	3.93
OP 29	52.726510	-0.011722	3.35	1.50	4.85
OP 30	52.728375	-0.011786	1.99	1.50	3.49
OP 31	52.730116	-0.011818	1.55	1.50	3.05
OP 32	52.731890	-0.011872	1.54	1.50	3.04
OP 33	52.733676	-0.011926	2.77	1.50	4.27
OP 34	52.735424	-0.011947	2.22	1.50	3.72
OP 35	52.737223	-0.012001	1.20	1.50	2.70
OP 36	52.692708	-0.036737	4.31	1.50	5.81
OP 37	52.691745	-0.034827	2.65	1.50	4.15
OP 38	52.690048	-0.033743	3.18	1.50	4.68
OP 39	52.689931	-0.030149	4.32	1.50	5.82
OP 40	52.691531	-0.028797	3.59	1.50	5.09
OP 41	52.693130	-0.027392	4.02	1.50	5.52
OP 42	52.694707	-0.026014	1.70	1.50	3.20
OP 43	52.696339	-0.024614	0.59	1.50	2.09
OP 44	52.697912	-0.023262	1.56	1.50	3.06
OP 45	52.699453	-0.021910	2.20	1.50	3.70
OP 46	52.701091	-0.020354	2.52	1.50	4.02
OP 47	52.702554	-0.018874	2.65	1.50	4.15
OP 48	52.704134	-0.017275	1.99	1.50	3.49
OP 49	52.705824	-0.015612	1.94	1.50	3.44
OP 50	52.707462	-0.013960	1.51	1.50	3.01
OP 51	52.708723	-0.012715	1.54	1.50	3.04
OP 52	52.710251	-0.011160	3.25	1.50	4.75
OP 53	52.711752	-0.009690	2.61	1.50	4.11
OP 54	52.713254	-0.008220	3.25	1.50	4.75
OP 55	52.714846	-0.006664	2.20	1.50	3.70
OP 56	52.716594	-0.004905	2.69	1.50	4.19
OP 57	52.717946	-0.003478	2.38	1.50	3.88
OP 58	52.719486	-0.001987	1.73	1.50	3.23
OP 59	52.721085	-0.000409	1.82	1.50	3.32
OP 60	52.722599	0.001082	1.42	1.50	2.92
OP 61	52.724224	0.002659	1.58	1.50	3.08
OP 62	52.725608	0.004011	1.72	1.50	3.22
OP 63	52.727362	0.005824	1.55	1.50	3.05

OP 64	52.728746	0.007187	1.86	1.50	3.36
OP 65	52.729864	0.009365	1.83	1.50	3.33
OP 66	52.730175	0.012315	2.15	1.50	3.65
OP 67	52.731247	0.013935	1.82	1.50	3.32
OP 68	52.732924	0.014300	1.36	1.50	2.86
OP 69	52.734749	0.014107	1.65	1.50	3.15

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	10.0	180.0	3,790	5,434	-	-
Field D1A-B Array	10.0	180.0	14,522	13,240	-	-
Field D1C Array	10.0	180.0	5,636	4,467	-	-
Field D2 Array	10.0	180.0	10,721	12,158	-	-
Field D3 Array	10.0	180.0	32,630	23,423	-	-
Field D5 Array	10.0	180.0	23,631	7,951	-	-
Field D6 Array	10.0	180.0	11,739	8,809	-	-
Field D7 Array	10.0	180.0	4,638	2,747	-	-
Field D8 Array	10.0	180.0	10,958	4,344	-	-
Field D9 Array	10.0	180.0	4,754	1,953	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d10-ar (green)	0	0	2	76	108	161	128	75	35	0	0	0
field-d10-ar (yellow)	0	0	0	138	489	595	563	279	1	0	0	0
field-d1a-b (green)	0	0	4	232	222	301	264	237	62	0	0	0
field-d1a-b (yellow)	0	0	0	221	697	1236	985	379	7	0	0	0
field-d1c-ar (green)	0	0	16	94	95	129	112	99	46	0	0	0
field-d1c-ar (yellow)	0	0	0	107	480	615	564	249	0	0	0	0
field-d2-arr (green)	0	0	2	83	124	188	155	81	32	0	0	0
field-d2-arr (yellow)	0	0	0	103	316	575	523	99	1	0	0	0
field-d3-arr (green)	0	0	4	313	560	724	665	410	71	0	0	0
field-d3-arr (yellow)	0	0	0	35	112	39	87	78	0	0	0	0
field-d5-arr (green)	0	0	160	644	705	785	738	677	358	0	0	0
field-d5-arr (yellow)	0	0	0	42	81	348	140	84	0	0	0	0
field-d6-arr (green)	0	0	2	296	539	524	541	435	73	0	0	0
field-d6-arr (yellow)	0	0	0	13	174	536	358	15	1	0	0	0
field-d7-arr (green)	0	0	114	309	123	177	148	193	303	0	0	0
field-d7-arr (yellow)	0	0	0	117	464	581	542	251	1	0	0	0
field-d8-arr (green)	0	0	3	333	560	574	588	452	67	0	0	0
field-d8-arr (yellow)	0	0	0	126	548	671	651	282	0	0	0	0
field-d9-arr (green)	0	0	0	139	184	217	188	194	25	0	0	0
field-d9-arr (yellow)	0	0	0	80	148	107	80	157	8	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0

OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	26	0
OP: OP 27	0	0
OP: OP 28	531	0
OP: OP 29	84	0
OP: OP 30	30	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0

OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	971	0
OP: OP 62	892	1313
OP: OP 63	626	2064
OP: OP 64	630	2057
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

Field D10 Array: OP 1

No glare found

Field D10 Array: OP 2

No glare found

Field D10 Array: OP 3

No glare found

Field D10 Array: OP 4

No glare found

Field D10 Array: OP 5

No glare found

Field D10 Array: OP 6

No glare found

Field D10 Array: OP 7

No glare found

Field D10 Array: OP 8

No glare found

Field D10 Array: OP 9

No glare found

Field D10 Array: OP 10

No glare found

Field D10 Array: OP 11

No glare found

Field D10 Array: OP 12

No glare found

Field D10 Array: OP 13

No glare found

Field D10 Array: OP 14

No glare found

Field D10 Array: OP 15

No glare found

Field D10 Array: OP 16

No glare found

Field D10 Array: OP 17

No glare found

Field D10 Array: OP 18

No glare found

Field D10 Array: OP 19

No glare found

Field D10 Array: OP 20

No glare found

Field D10 Array: OP 21

No glare found

Field D10 Array: OP 22

No glare found

Field D10 Array: OP 23

No glare found

Field D10 Array: OP 24

No glare found

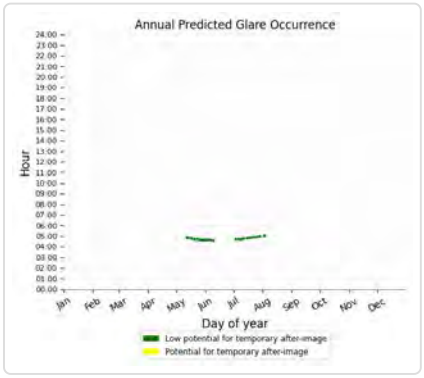
Field D10 Array: OP 25

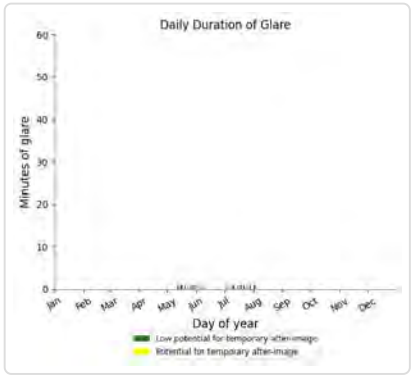
No glare found

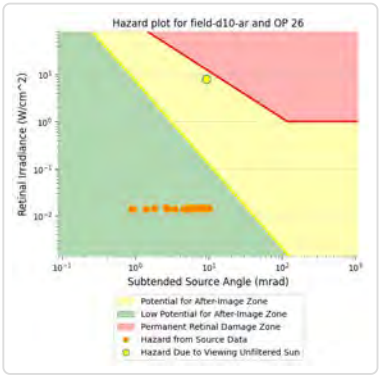
Field D10 Array: OP 26

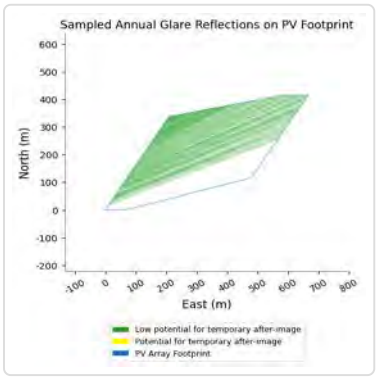
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









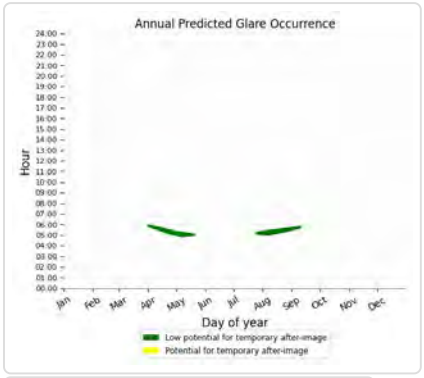
Field D10 Array: OP 27

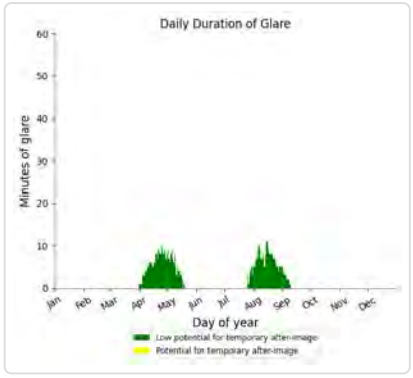
No glare found

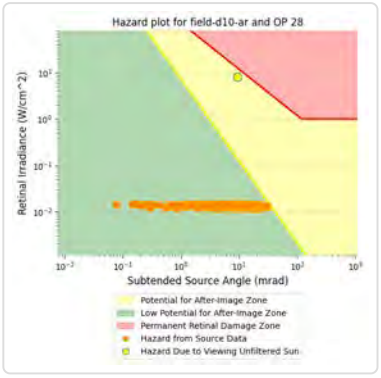
Field D10 Array: OP 28

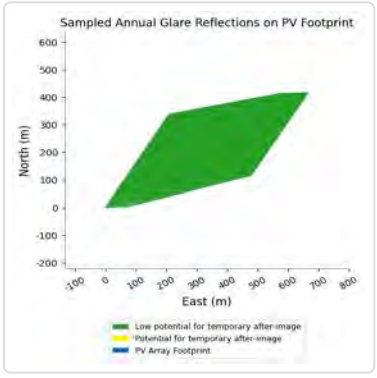
PV array is expected to produce the following glare for this receptor:

- 531 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





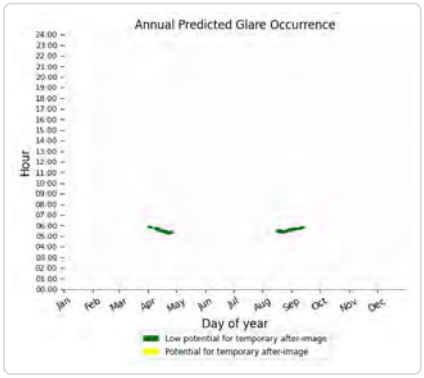


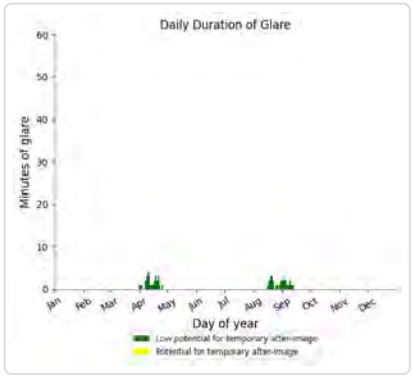


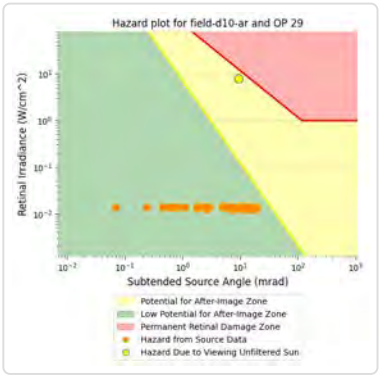
Field D10 Array: OP 29

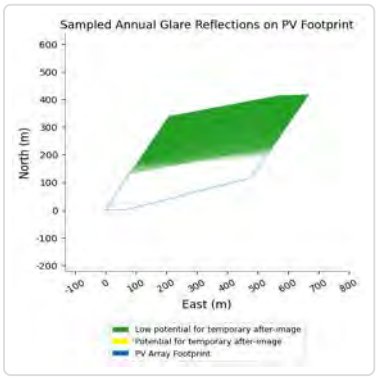
PV array is expected to produce the following glare for this receptor:

- 84 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





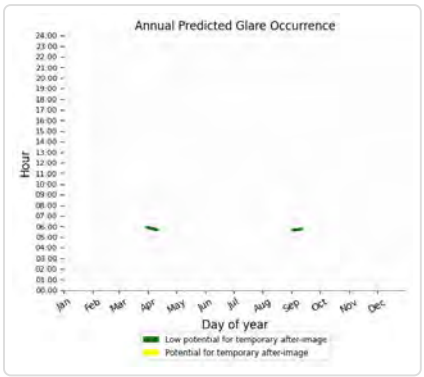




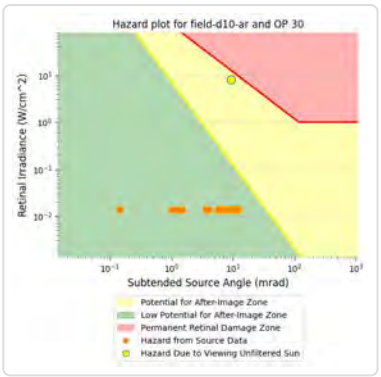
Field D10 Array: OP 30

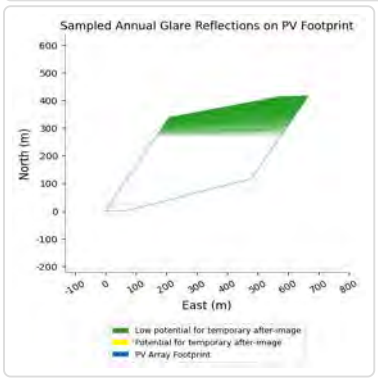
PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 31

No glare found

Field D10 Array: OP 32

No glare found

Field D10 Array: OP 33

No glare found

Field D10 Array: OP 34

No glare found

Field D10 Array: OP 35

No glare found

Field D10 Array: OP 36

No glare found

Field D10 Array: OP 37

No glare found

Field D10 Array: OP 38

No glare found

Field D10 Array: OP 39

No glare found

Field D10 Array: OP 40

No glare found

Field D10 Array: OP 41

No glare found

Field D10 Array: OP 42

No glare found

Field D10 Array: OP 43

No glare found

Field D10 Array: OP 44

No glare found

Field D10 Array: OP 45

No glare found

Field D10 Array: OP 46

No glare found

Field D10 Array: OP 47

No glare found

Field D10 Array: OP 48

No glare found

Field D10 Array: OP 49

No glare found

Field D10 Array: OP 50

No glare found

Field D10 Array: OP 51

No glare found

Field D10 Array: OP 52

No glare found

Field D10 Array: OP 53

No glare found

Field D10 Array: OP 54

No glare found

Field D10 Array: OP 55

No glare found

Field D10 Array: OP 56

No glare found

Field D10 Array: OP 57

No glare found

Field D10 Array: OP 58

No glare found

Field D10 Array: OP 59

No glare found

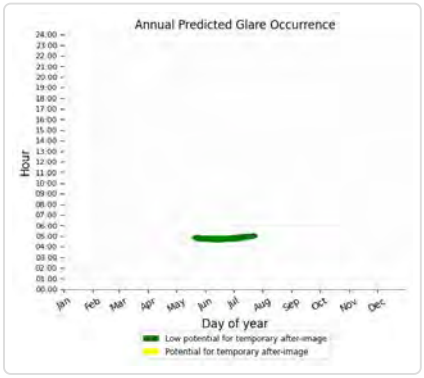
Field D10 Array: OP 60

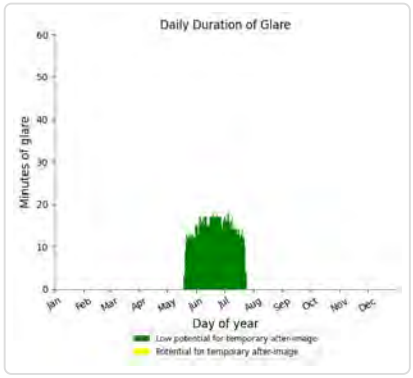
No glare found

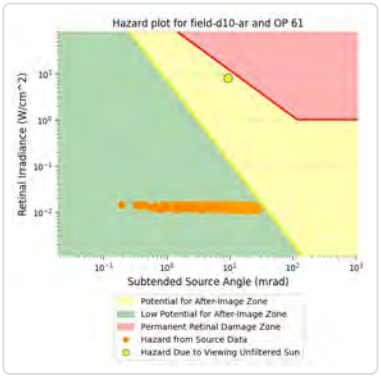
Field D10 Array: OP 61

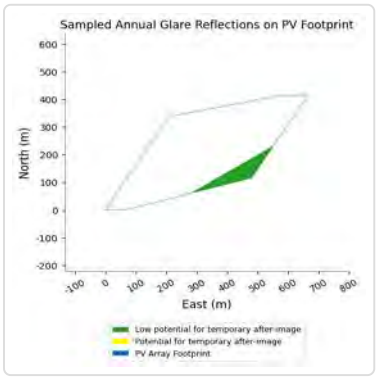
PV array is expected to produce the following glare for this receptor:

- 971 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





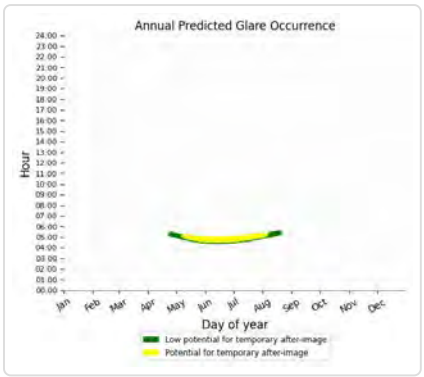


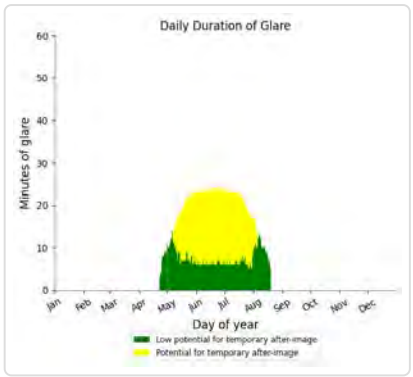


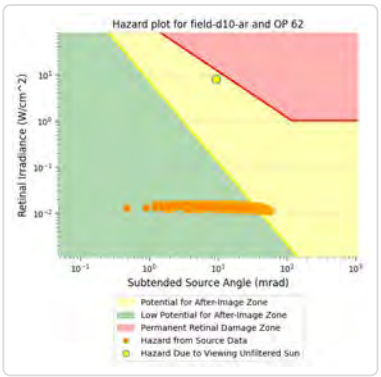
Field D10 Array: OP 62

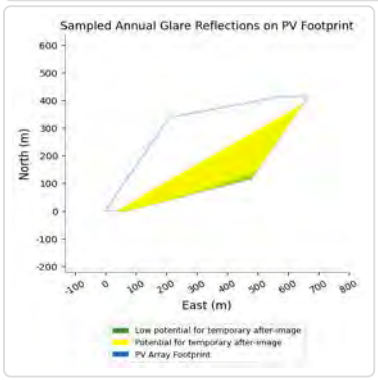
PV array is expected to produce the following glare for this receptor:

- 892 minutes of "green" glare with low potential to cause temporary after-image.
- 1,313 minutes of "yellow" glare with potential to cause temporary after-image.





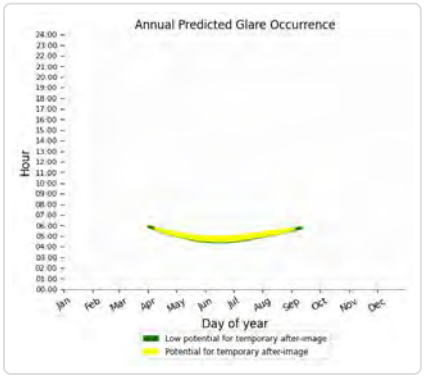


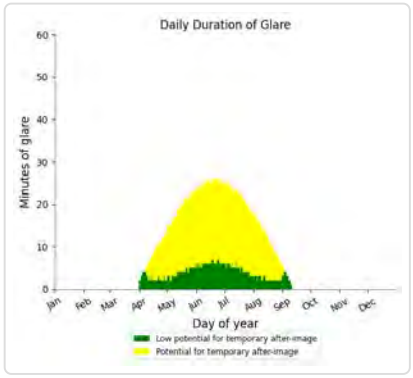


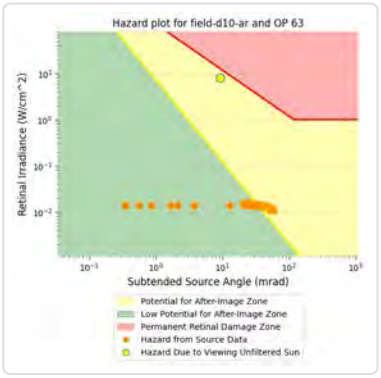
Field D10 Array: OP 63

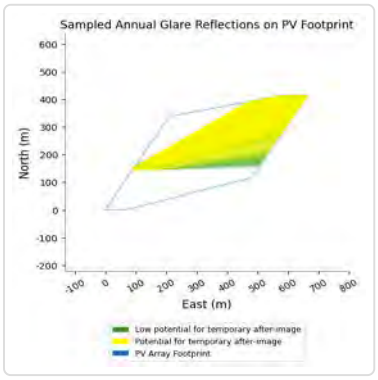
PV array is expected to produce the following glare for this receptor:

- 626 minutes of "green" glare with low potential to cause temporary after-image.
- 2,064 minutes of "yellow" glare with potential to cause temporary after-image.





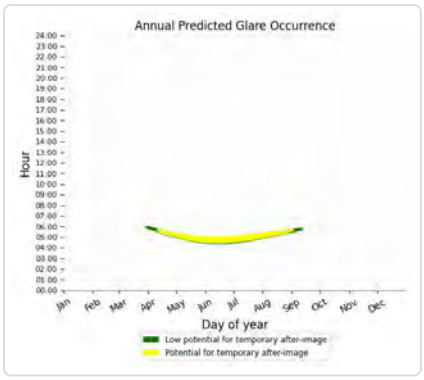


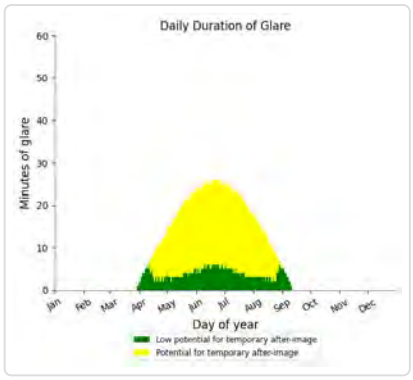


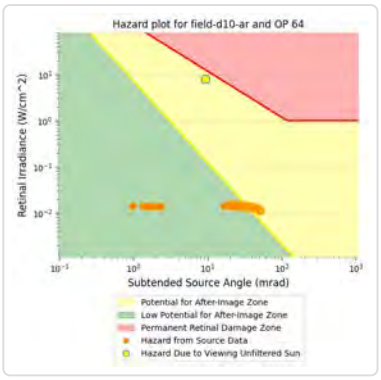
Field D10 Array: OP 64

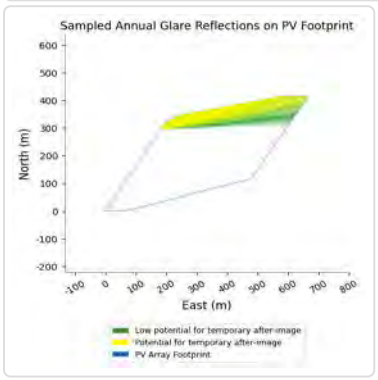
PV array is expected to produce the following glare for this receptor:

- 630 minutes of "green" glare with low potential to cause temporary after-image.
- 2,057 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 65

No glare found

Field D10 Array: OP 66

No glare found

Field D10 Array: OP 67

No glare found

Field D10 Array: OP 68

No glare found

Field D10 Array: OP 69

No glare found

Field D1A-B Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	260	0
OP: OP 26	754	0
OP: OP 27	644	0
OP: OP 28	1265	313
OP: OP 29	1312	386
OP: OP 30	810	54
OP: OP 31	77	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0

OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	1970	0
OP: OP 63	1323	1018
OP: OP 64	2557	1878
OP: OP 65	1312	4074
OP: OP 66	1699	3299
OP: OP 67	539	2218
OP: OP 68	0	0
OP: OP 69	0	0

Field D1A-B Array: OP 1

No glare found

Field D1A-B Array: OP 2

No glare found

Field D1A-B Array: OP 3

No glare found

Field D1A-B Array: OP 4

No glare found

Field D1A-B Array: OP 5

No glare found

Field D1A-B Array: OP 6

No glare found

Field D1A-B Array: OP 7

No glare found

Field D1A-B Array: OP 8

No glare found

Field D1A-B Array: OP 9

No glare found

Field D1A-B Array: OP 10

No glare found

Field D1A-B Array: OP 11

No glare found

Field D1A-B Array: OP 12

No glare found

Field D1A-B Array: OP 13

No glare found

Field D1A-B Array: OP 14

No glare found

Field D1A-B Array: OP 15

No glare found

Field D1A-B Array: OP 16

No glare found

Field D1A-B Array: OP 17

No glare found

Field D1A-B Array: OP 18

No glare found

Field D1A-B Array: OP 19

No glare found

Field D1A-B Array: OP 20

No glare found

Field D1A-B Array: OP 21

No glare found

Field D1A-B Array: OP 22

No glare found

Field D1A-B Array: OP 23

No glare found

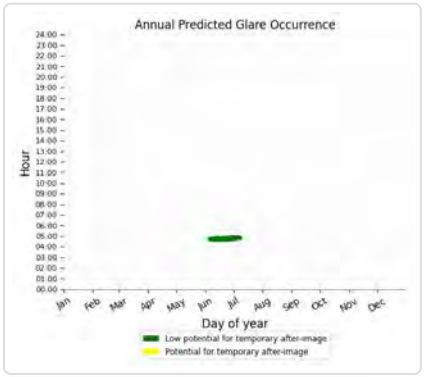
Field D1A-B Array: OP 24

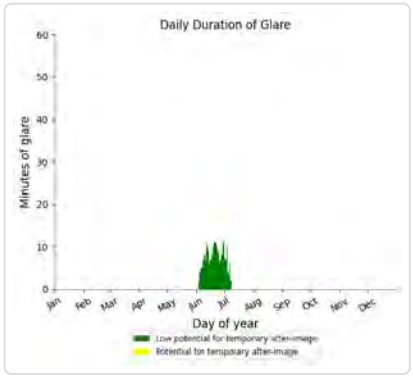
No glare found

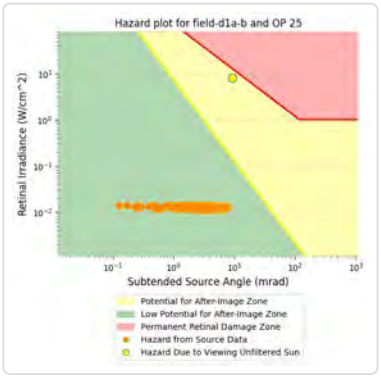
Field D1A-B Array: OP 25

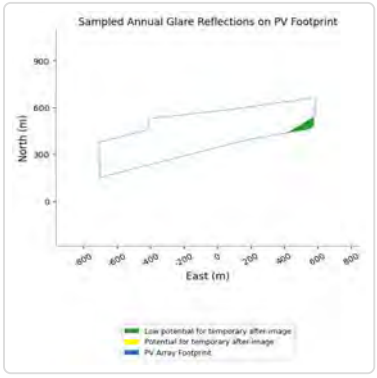
PV array is expected to produce the following glare for this receptor:

- 260 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





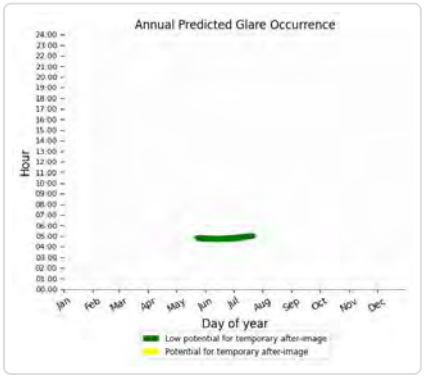


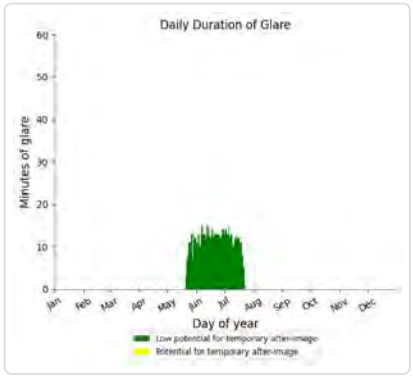


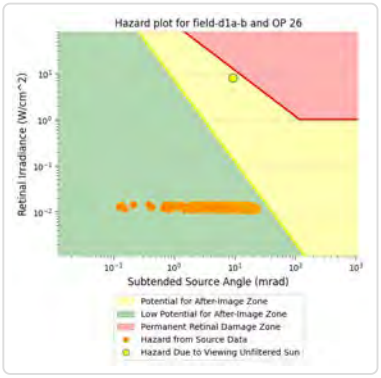
Field D1A-B Array: OP 26

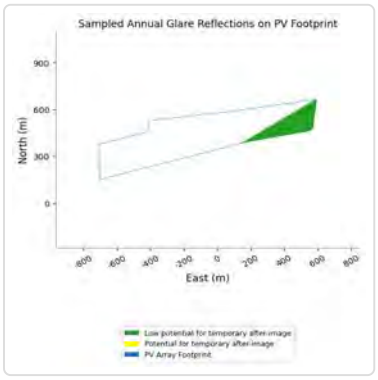
PV array is expected to produce the following glare for this receptor:

- 754 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





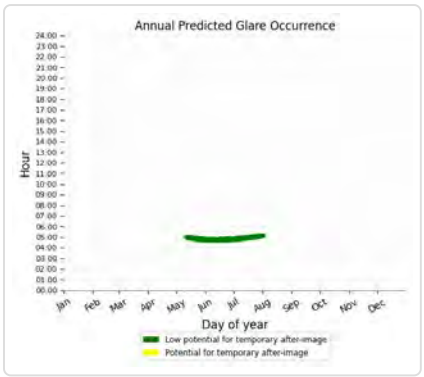


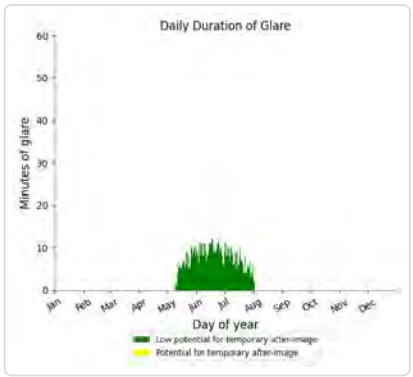


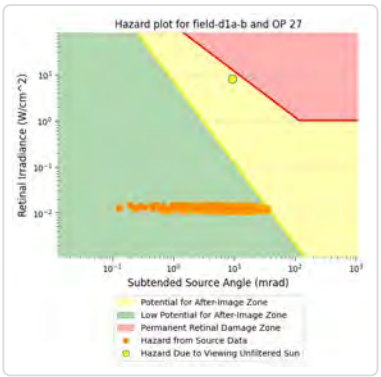
Field D1A-B Array: OP 27

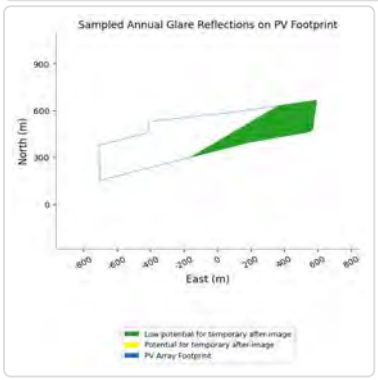
PV array is expected to produce the following glare for this receptor:

- 644 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





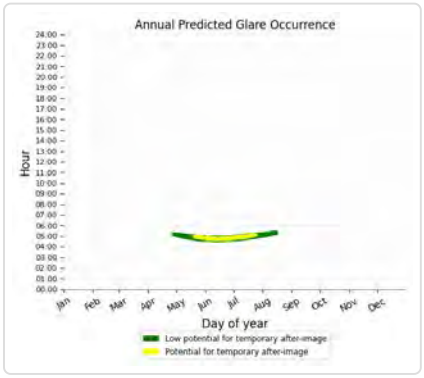


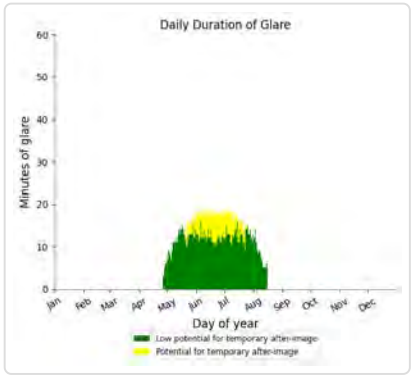


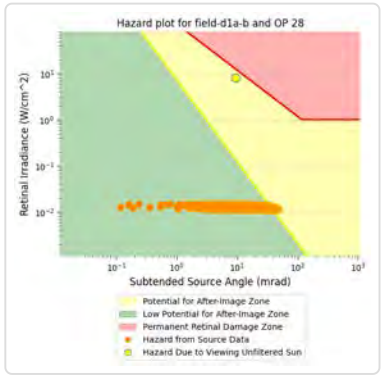
Field D1A-B Array: OP 28

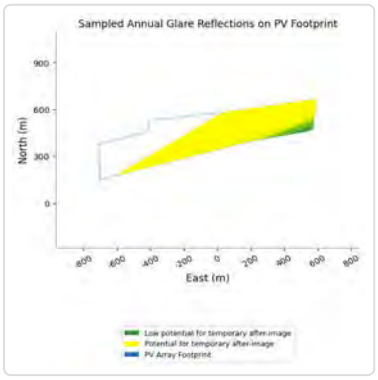
PV array is expected to produce the following glare for this receptor:

- 1,265 minutes of "green" glare with low potential to cause temporary after-image.
- 313 minutes of "yellow" glare with potential to cause temporary after-image.





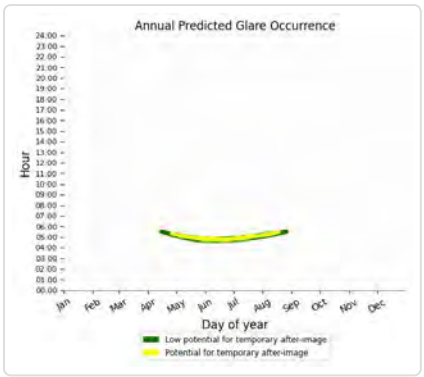


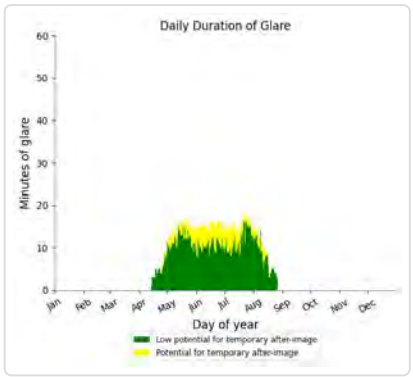


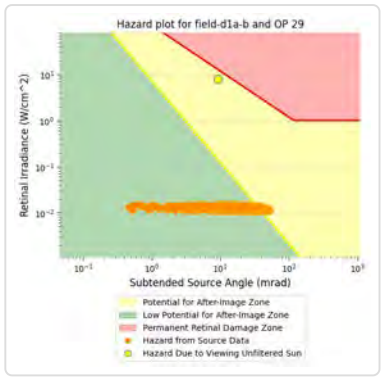
Field D1A-B Array: OP 29

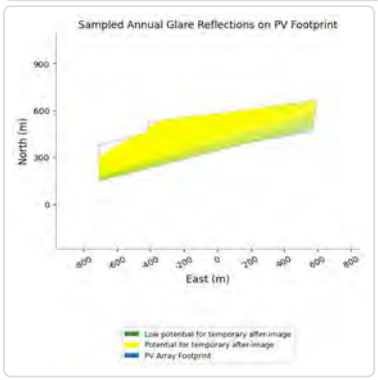
PV array is expected to produce the following glare for this receptor:

- 1,312 minutes of "green" glare with low potential to cause temporary after-image.
- 386 minutes of "yellow" glare with potential to cause temporary after-image.





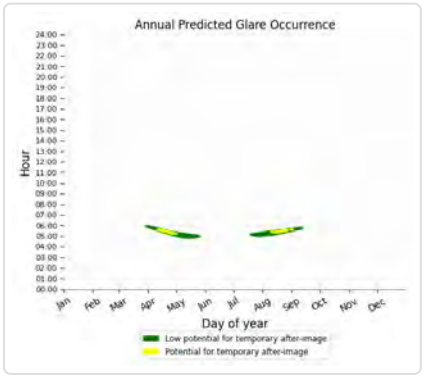


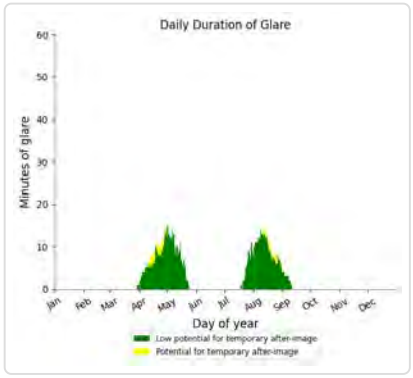


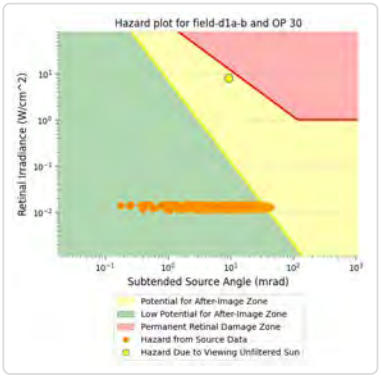
Field D1A-B Array: OP 30

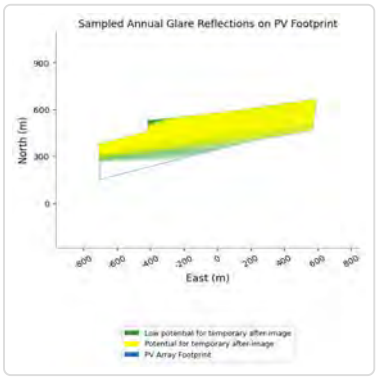
PV array is expected to produce the following glare for this receptor:

- 810 minutes of "green" glare with low potential to cause temporary after-image.
- 54 minutes of "yellow" glare with potential to cause temporary after-image.





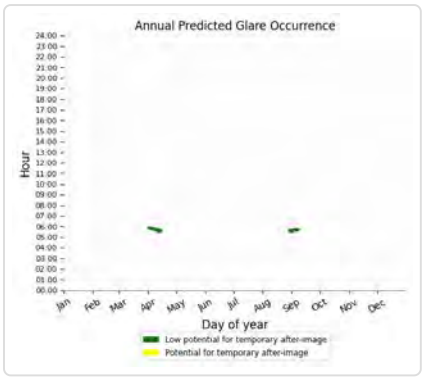


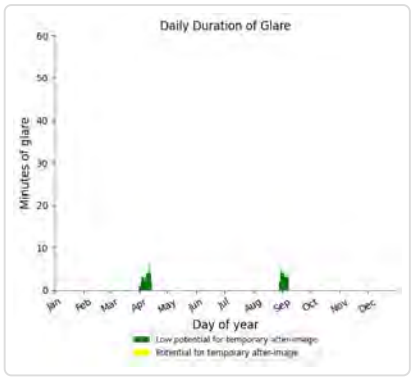


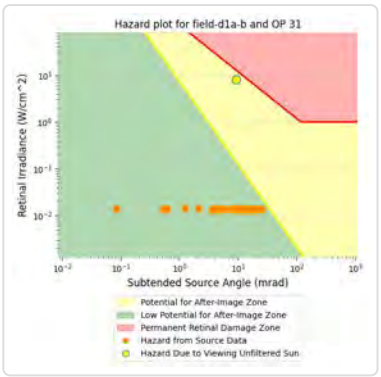
Field D1A-B Array: OP 31

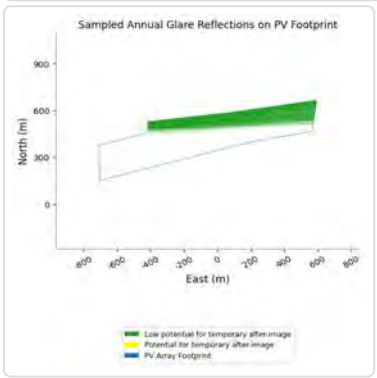
PV array is expected to produce the following glare for this receptor:

- 77 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 32

No glare found

Field D1A-B Array: OP 33

No glare found

Field D1A-B Array: OP 34

No glare found

Field D1A-B Array: OP 35

No glare found

Field D1A-B Array: OP 36

No glare found

Field D1A-B Array: OP 37

No glare found

Field D1A-B Array: OP 38

No glare found

Field D1A-B Array: OP 39

No glare found

Field D1A-B Array: OP 40

No glare found

Field D1A-B Array: OP 41

No glare found

Field D1A-B Array: OP 42

No glare found

Field D1A-B Array: OP 43

No glare found

Field D1A-B Array: OP 44

No glare found

Field D1A-B Array: OP 45

No glare found

Field D1A-B Array: OP 46

No glare found

Field D1A-B Array: OP 47

No glare found

Field D1A-B Array: OP 48

No glare found

Field D1A-B Array: OP 49

No glare found

Field D1A-B Array: OP 50

No glare found

Field D1A-B Array: OP 51

No glare found

Field D1A-B Array: OP 52

No glare found

Field D1A-B Array: OP 53

No glare found

Field D1A-B Array: OP 54

No glare found

Field D1A-B Array: OP 55

No glare found

Field D1A-B Array: OP 56

No glare found

Field D1A-B Array: OP 57

No glare found

Field D1A-B Array: OP 58

No glare found

Field D1A-B Array: OP 59

No glare found

Field D1A-B Array: OP 60

No glare found

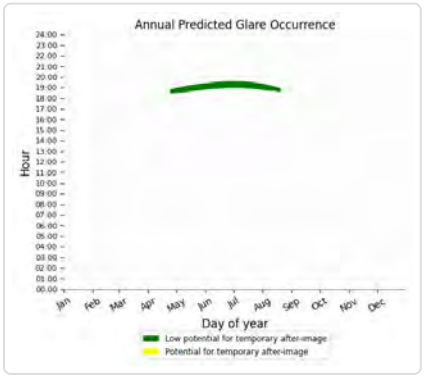
Field D1A-B Array: OP 61

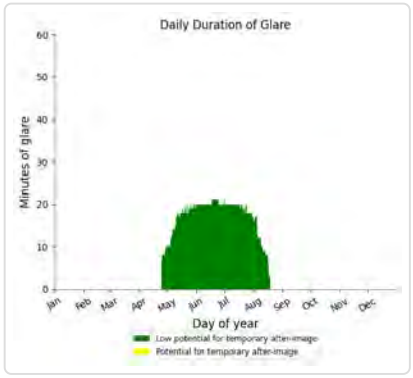
No glare found

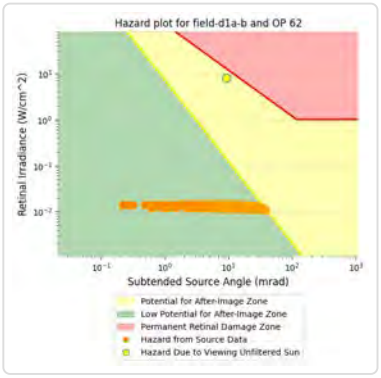
Field D1A-B Array: OP 62

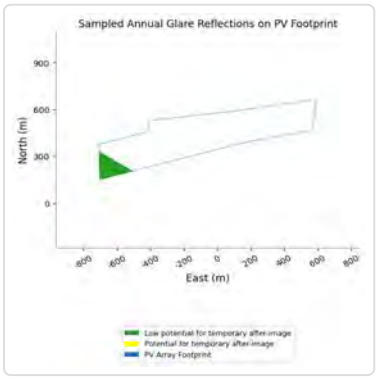
PV array is expected to produce the following glare for this receptor:

- 1,970 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





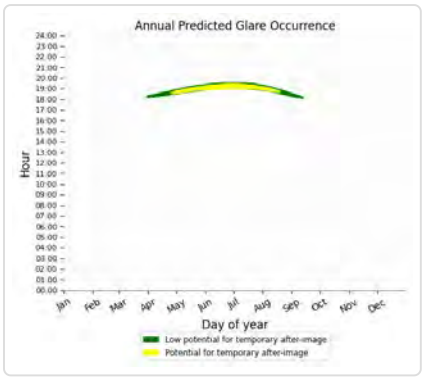


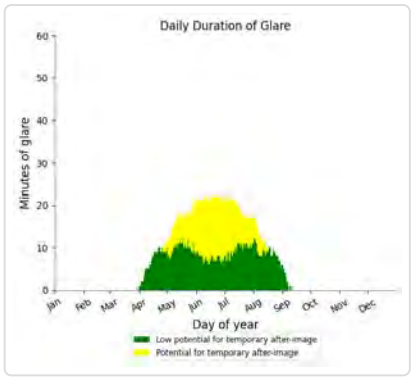


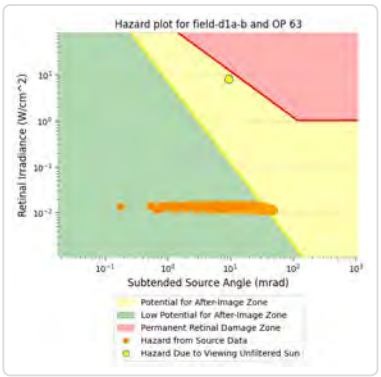
Field D1A-B Array: OP 63

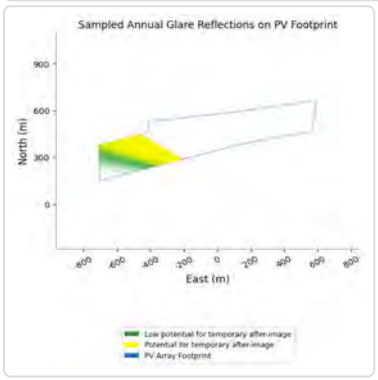
PV array is expected to produce the following glare for this receptor:

- 1,323 minutes of "green" glare with low potential to cause temporary after-image.
- 1,018 minutes of "yellow" glare with potential to cause temporary after-image.





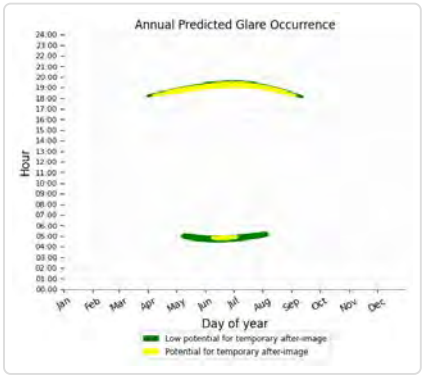


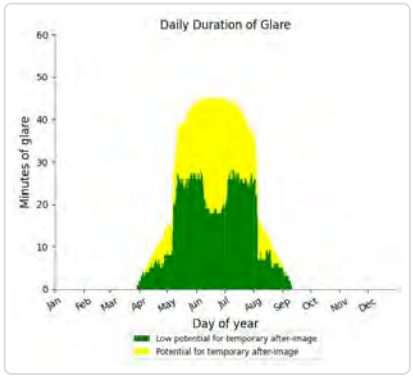


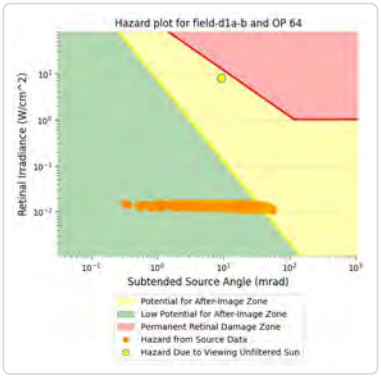
Field D1A-B Array: OP 64

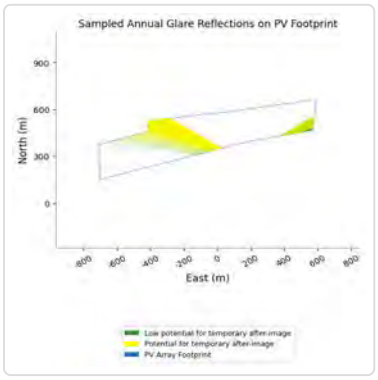
PV array is expected to produce the following glare for this receptor:

- 2,557 minutes of "green" glare with low potential to cause temporary after-image.
- 1,878 minutes of "yellow" glare with potential to cause temporary after-image.





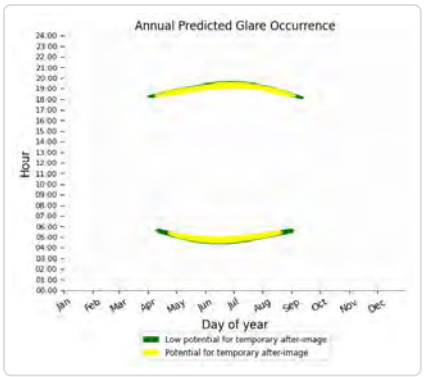


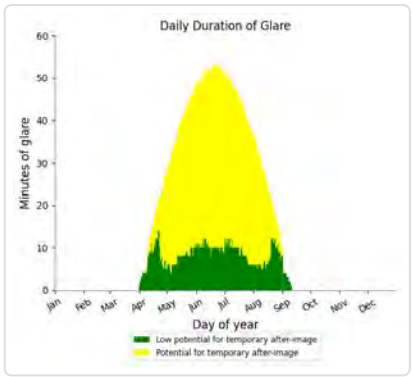


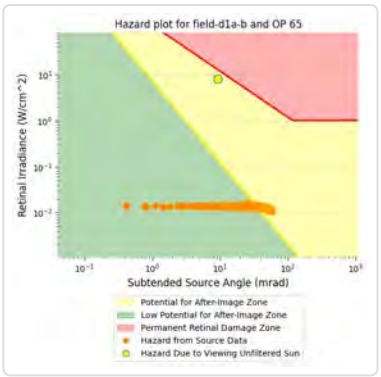
Field D1A-B Array: OP 65

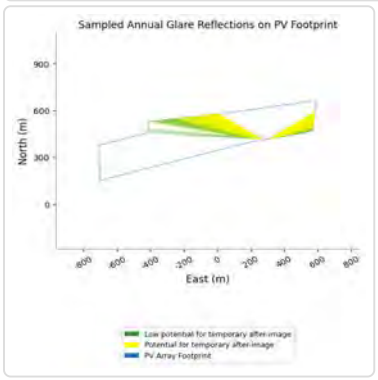
PV array is expected to produce the following glare for this receptor:

- 1,312 minutes of "green" glare with low potential to cause temporary after-image.
- 4,074 minutes of "yellow" glare with potential to cause temporary after-image.





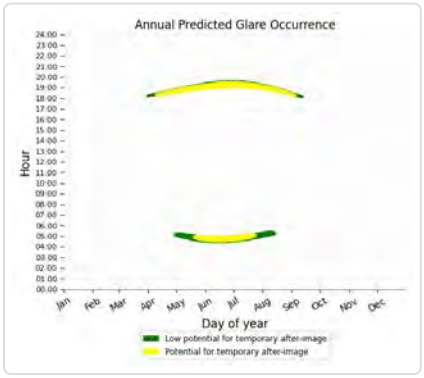


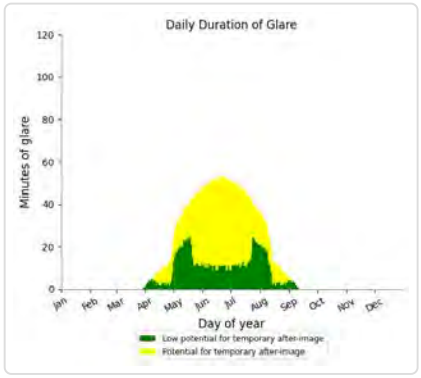


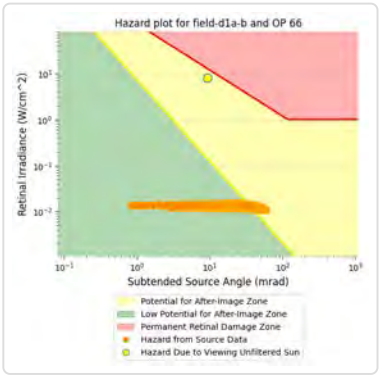
Field D1A-B Array: OP 66

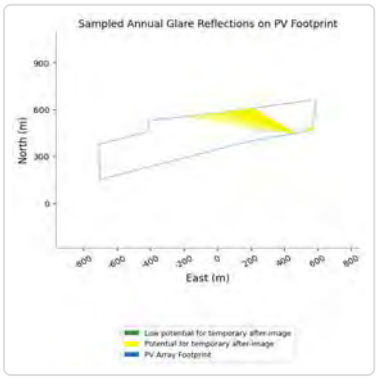
PV array is expected to produce the following glare for this receptor:

- 1,699 minutes of "green" glare with low potential to cause temporary after-image.
- 3,299 minutes of "yellow" glare with potential to cause temporary after-image.





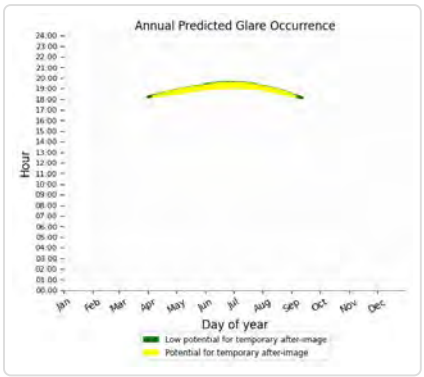


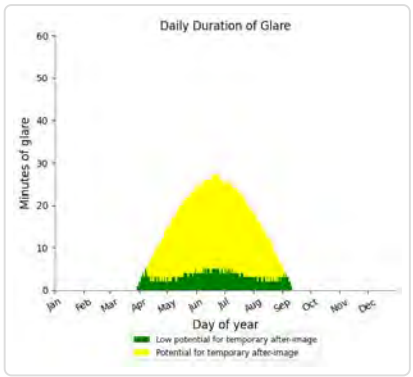


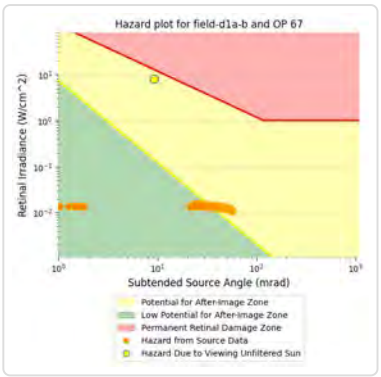
Field D1A-B Array: OP 67

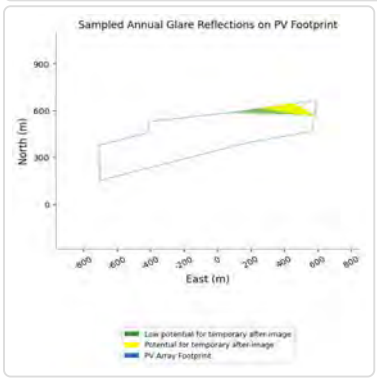
PV array is expected to produce the following glare for this receptor:

- 539 minutes of "green" glare with low potential to cause temporary after-image.
- 2,218 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 68

No glare found

Field D1A-B Array: OP 69

No glare found

Field D1C Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	43	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0

OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	1461	0
OP: OP 65	1407	540
OP: OP 66	1531	0
OP: OP 67	643	1915
OP: OP 68	551	2012
OP: OP 69	0	0

Field D1C Array: OP 1

No glare found

Field D1C Array: OP 2

No glare found

Field D1C Array: OP 3

No glare found

Field D1C Array: OP 4

No glare found

Field D1C Array: OP 5

No glare found

Field D1C Array: OP 6

No glare found

Field D1C Array: OP 7

No glare found

Field D1C Array: OP 8

No glare found

Field D1C Array: OP 9

No glare found

Field D1C Array: OP 10

No glare found

Field D1C Array: OP 11

No glare found

Field D1C Array: OP 12

No glare found

Field D1C Array: OP 13

No glare found

Field D1C Array: OP 14

No glare found

Field D1C Array: OP 15

No glare found

Field D1C Array: OP 16

No glare found

Field D1C Array: OP 17

No glare found

Field D1C Array: OP 18

No glare found

Field D1C Array: OP 19

No glare found

Field D1C Array: OP 20

No glare found

Field D1C Array: OP 21

No glare found

Field D1C Array: OP 22

No glare found

Field D1C Array: OP 23

No glare found

Field D1C Array: OP 24

No glare found

Field D1C Array: OP 25

No glare found

Field D1C Array: OP 26

No glare found

Field D1C Array: OP 27

No glare found

Field D1C Array: OP 28

No glare found

Field D1C Array: OP 29

No glare found

Field D1C Array: OP 30

No glare found

Field D1C Array: OP 31

No glare found

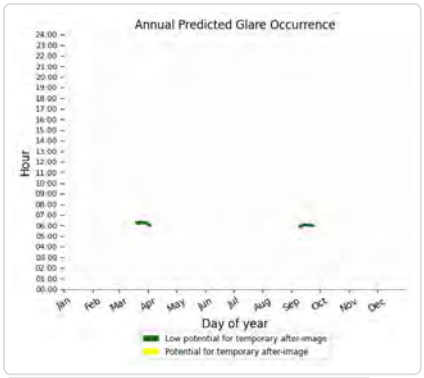
Field D1C Array: OP 32

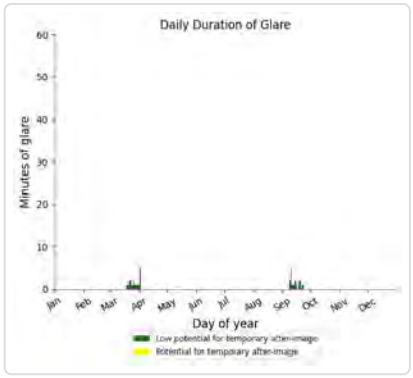
No glare found

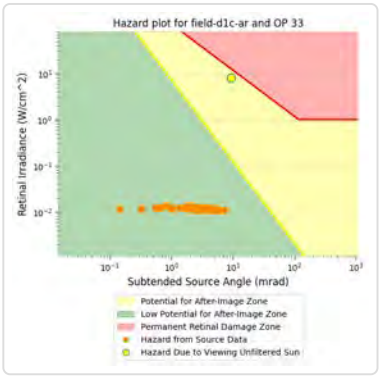
Field D1C Array: OP 33

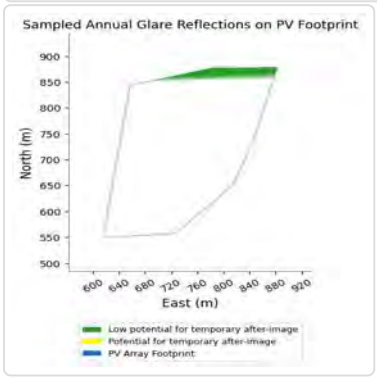
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 34

No glare found

Field D1C Array: OP 35

No glare found

Field D1C Array: OP 36

No glare found

Field D1C Array: OP 37

No glare found

Field D1C Array: OP 38

No glare found

Field D1C Array: OP 39

No glare found

Field D1C Array: OP 40

No glare found

Field D1C Array: OP 41

No glare found

Field D1C Array: OP 42

No glare found

Field D1C Array: OP 43

No glare found

Field D1C Array: OP 44

No glare found

Field D1C Array: OP 45

No glare found

Field D1C Array: OP 46

No glare found

Field D1C Array: OP 47

No glare found

Field D1C Array: OP 48

No glare found

Field D1C Array: OP 49

No glare found

Field D1C Array: OP 50

No glare found

Field D1C Array: OP 51

No glare found

Field D1C Array: OP 52

No glare found

Field D1C Array: OP 53

No glare found

Field D1C Array: OP 54

No glare found

Field D1C Array: OP 55

No glare found

Field D1C Array: OP 56

No glare found

Field D1C Array: OP 57

No glare found

Field D1C Array: OP 58

No glare found

Field D1C Array: OP 59

No glare found

Field D1C Array: OP 60

No glare found

Field D1C Array: OP 61

No glare found

Field D1C Array: OP 62

No glare found

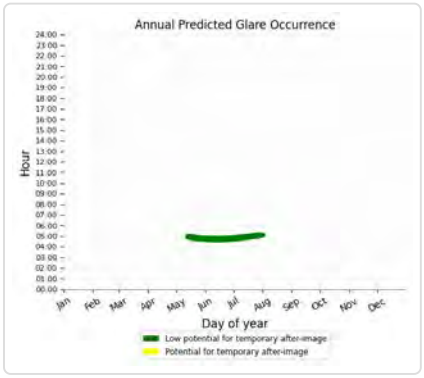
Field D1C Array: OP 63

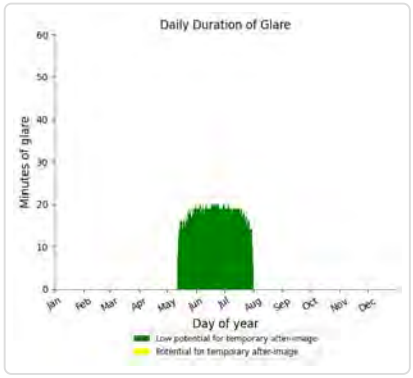
No glare found

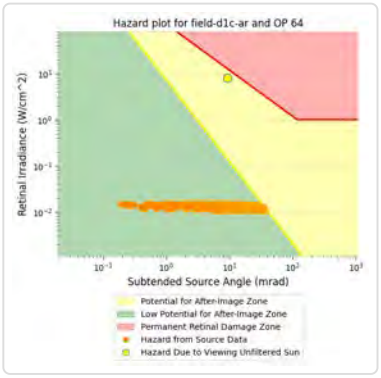
Field D1C Array: OP 64

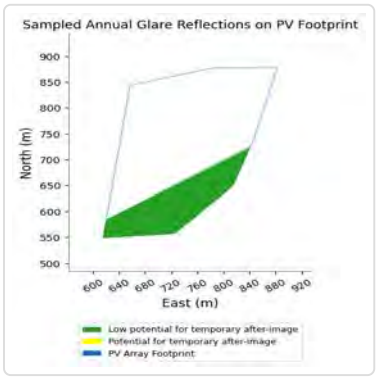
PV array is expected to produce the following glare for this receptor:

- 1,461 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





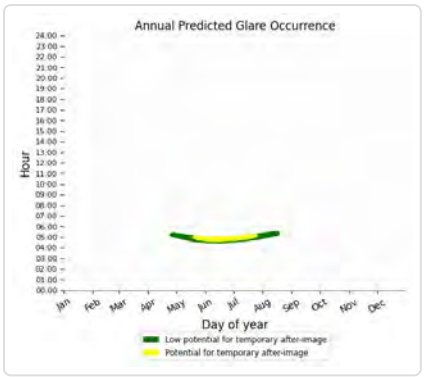


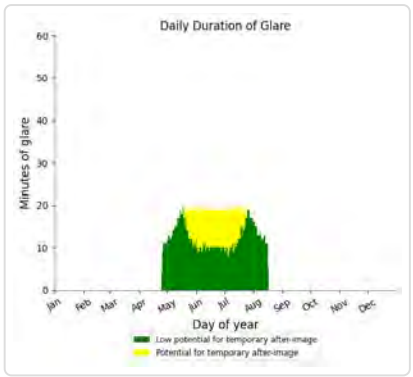


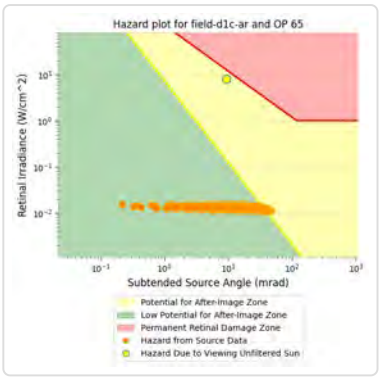
Field D1C Array: OP 65

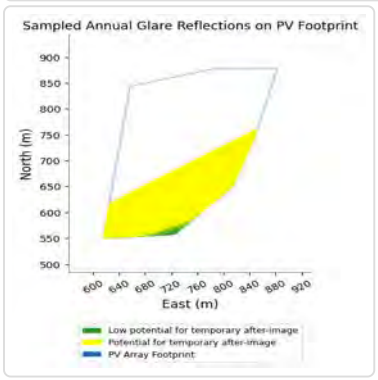
PV array is expected to produce the following glare for this receptor:

- 1,407 minutes of "green" glare with low potential to cause temporary after-image.
- 540 minutes of "yellow" glare with potential to cause temporary after-image.





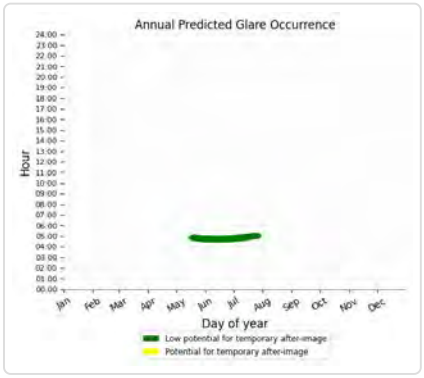


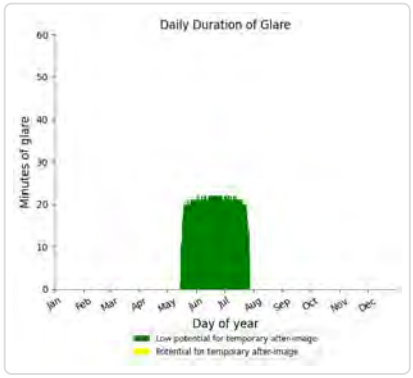


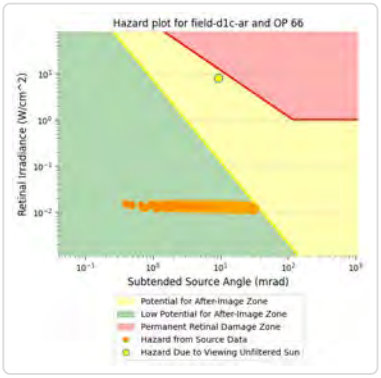
Field D1C Array: OP 66

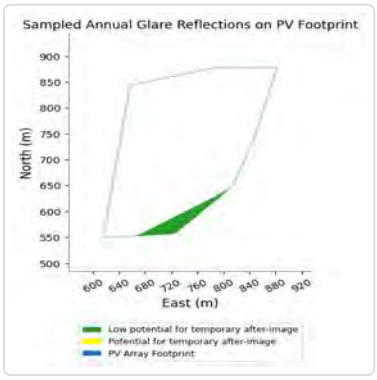
PV array is expected to produce the following glare for this receptor:

- 1,531 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





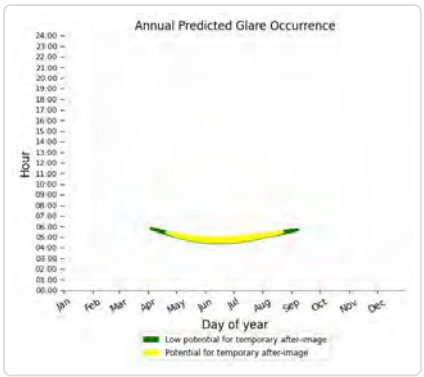


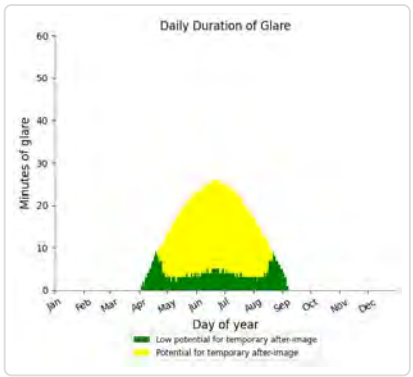


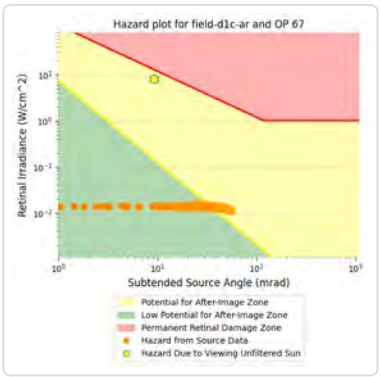
Field D1C Array: OP 67

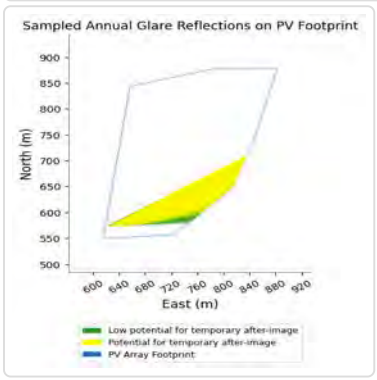
PV array is expected to produce the following glare for this receptor:

- 643 minutes of "green" glare with low potential to cause temporary after-image.
- 1,915 minutes of "yellow" glare with potential to cause temporary after-image.





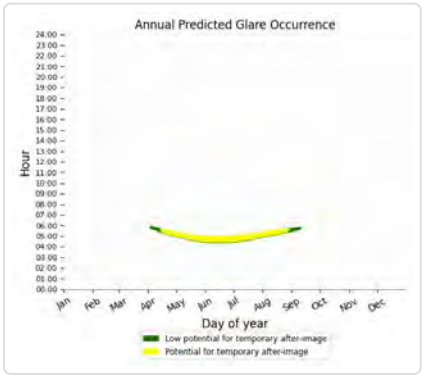


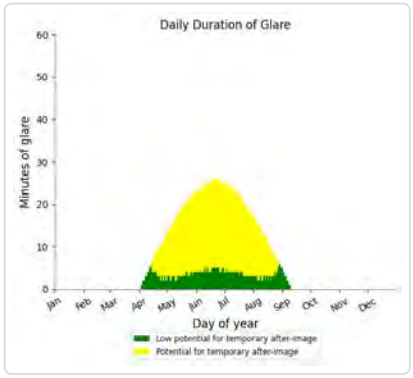


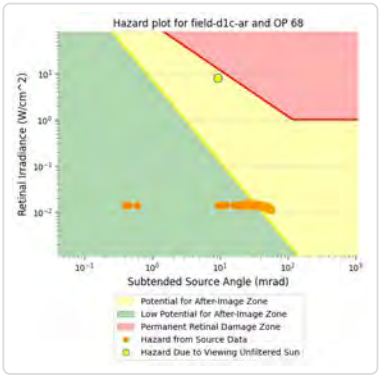
Field D1C Array: OP 68

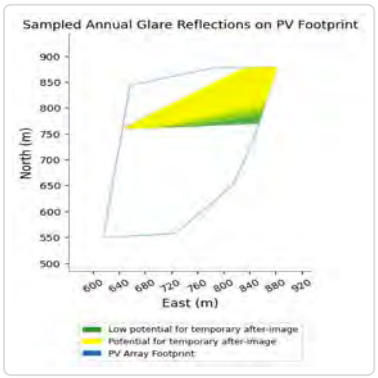
PV array is expected to produce the following glare for this receptor:

- 551 minutes of "green" glare with low potential to cause temporary after-image.
- 2,012 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 69

No glare found

Field D2 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	15	0
OP: OP 19	18	0
OP: OP 20	26	0
OP: OP 21	1444	91
OP: OP 22	18	0

OP: OP 23	1385	12
OP: OP 24	1332	0
OP: OP 25	0	0
OP: OP 26	437	0
OP: OP 27	0	0
OP: OP 28	25	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	1168	61
OP: OP 56	784	1920
OP: OP 57	786	1901
OP: OP 58	688	1980
OP: OP 59	626	2040
OP: OP 60	696	1961
OP: OP 61	636	2010
OP: OP 62	637	182
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

Field D2 Array: OP 1

No glare found

Field D2 Array: OP 2

No glare found

Field D2 Array: OP 3

No glare found

Field D2 Array: OP 4

No glare found

Field D2 Array: OP 5

No glare found

Field D2 Array: OP 6

No glare found

Field D2 Array: OP 7

No glare found

Field D2 Array: OP 8

No glare found

Field D2 Array: OP 9

No glare found

Field D2 Array: OP 10

No glare found

Field D2 Array: OP 11

No glare found

Field D2 Array: OP 12

No glare found

Field D2 Array: OP 13

No glare found

Field D2 Array: OP 14

No glare found

Field D2 Array: OP 15

No glare found

Field D2 Array: OP 16

No glare found

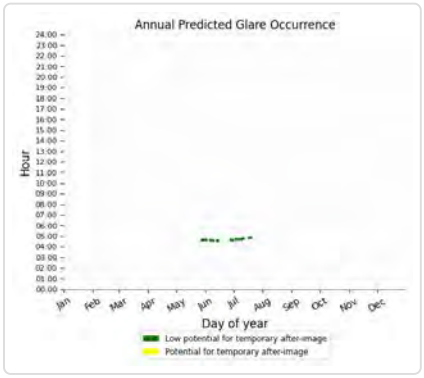
Field D2 Array: OP 17

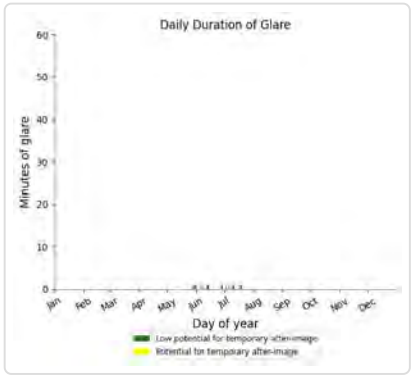
No glare found

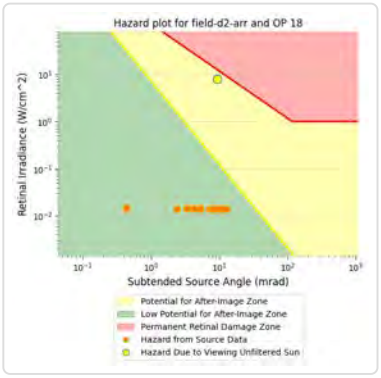
Field D2 Array: OP 18

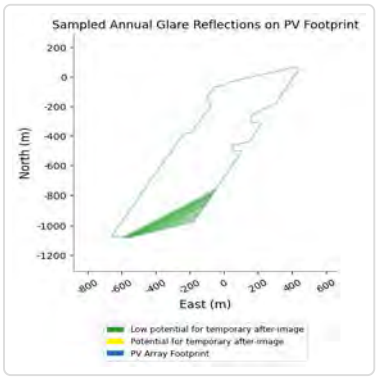
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





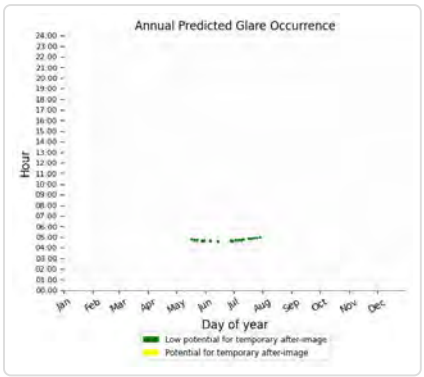




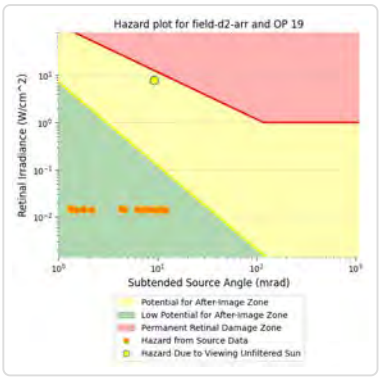
Field D2 Array: OP 19

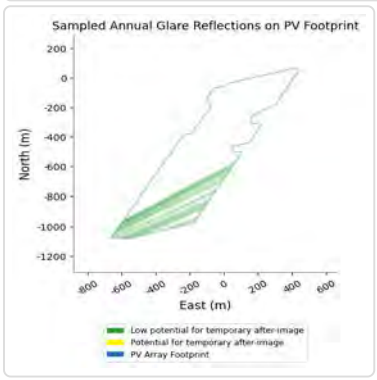
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





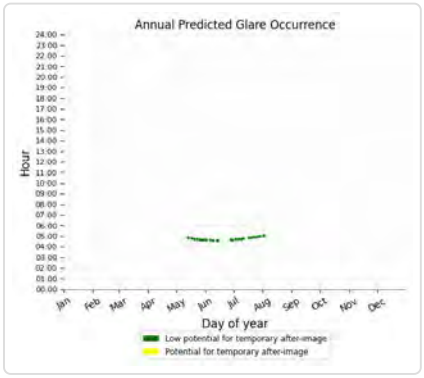


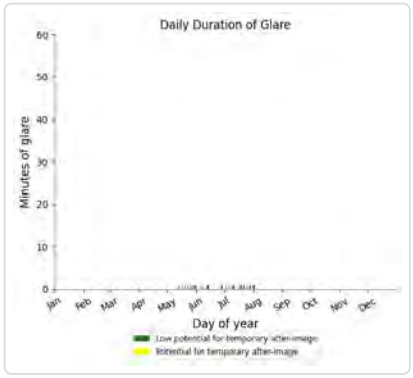


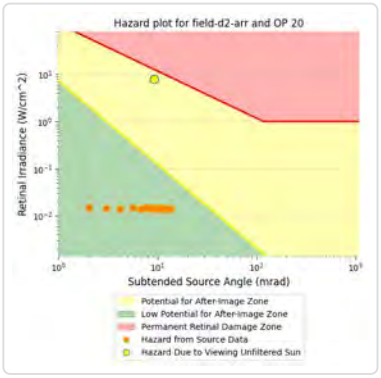
Field D2 Array: OP 20

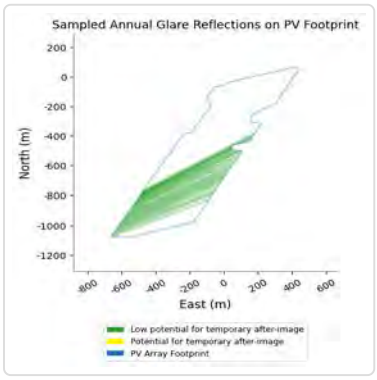
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





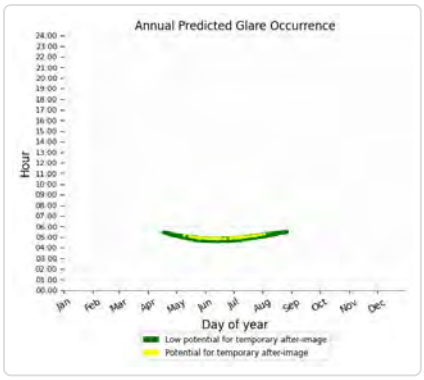


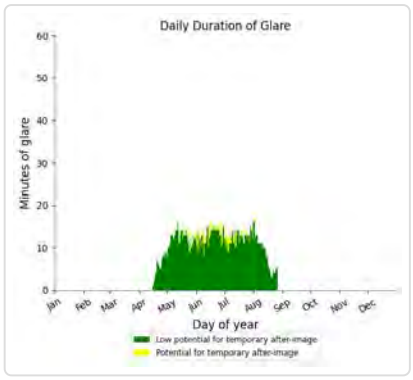


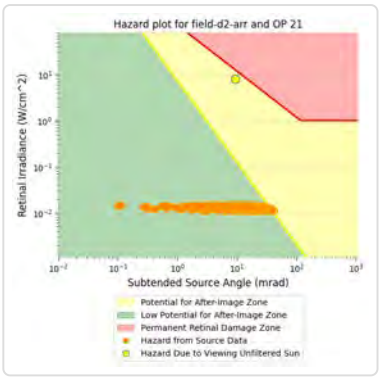
Field D2 Array: OP 21

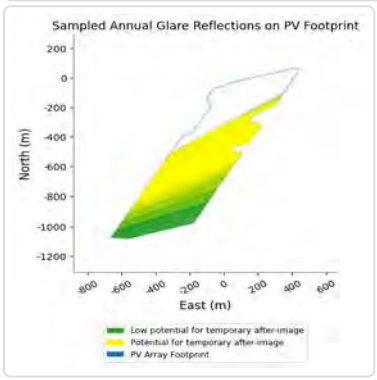
PV array is expected to produce the following glare for this receptor:

- 1,444 minutes of "green" glare with low potential to cause temporary after-image.
- 91 minutes of "yellow" glare with potential to cause temporary after-image.





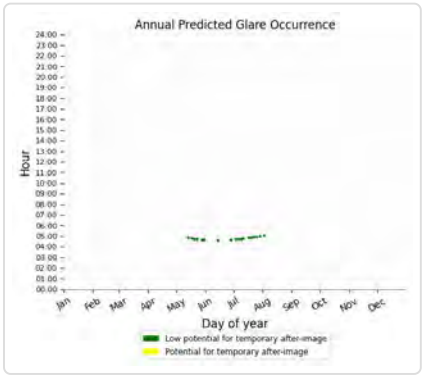


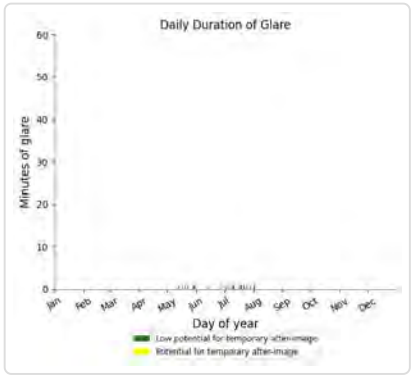


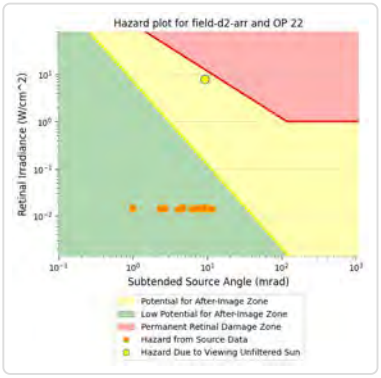
Field D2 Array: OP 22

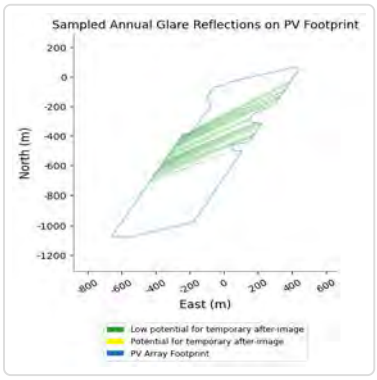
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





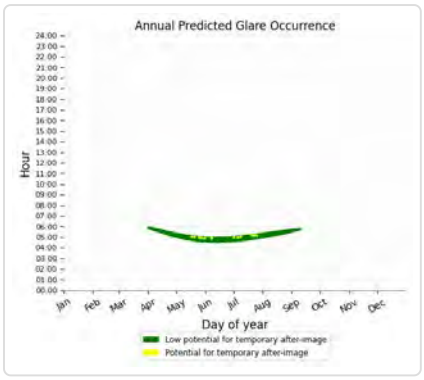


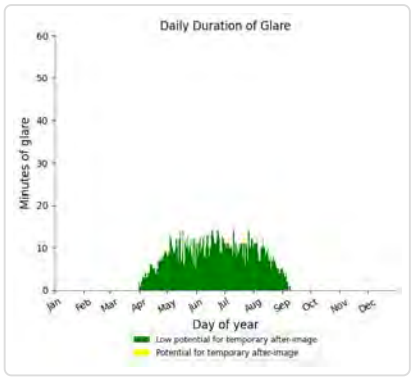


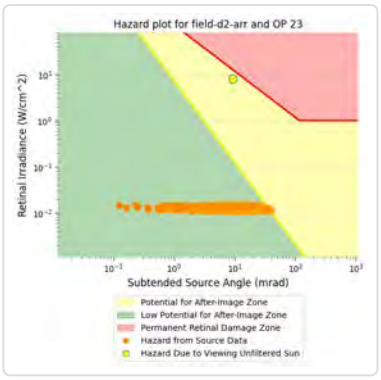
Field D2 Array: OP 23

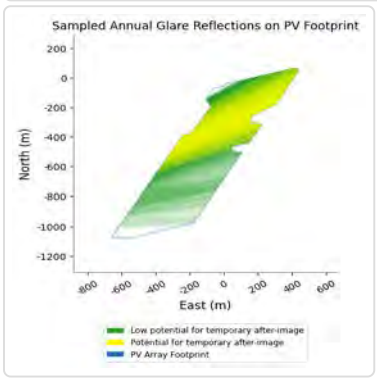
PV array is expected to produce the following glare for this receptor:

- 1,385 minutes of "green" glare with low potential to cause temporary after-image.
- 12 minutes of "yellow" glare with potential to cause temporary after-image.





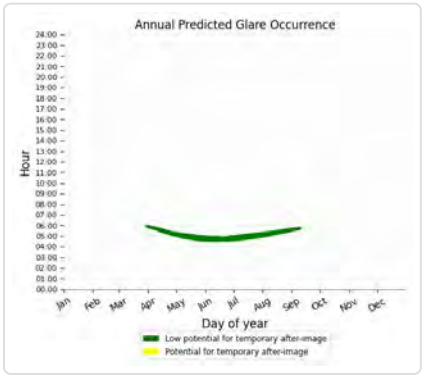


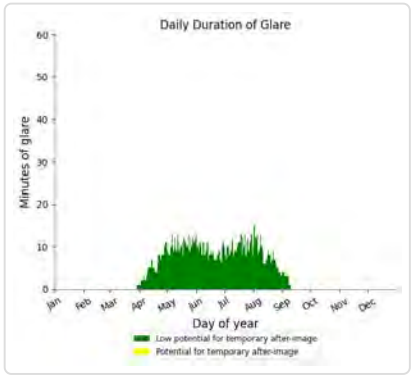


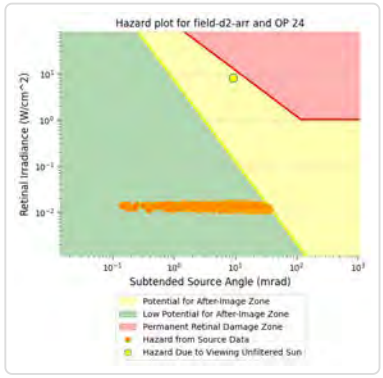
Field D2 Array: OP 24

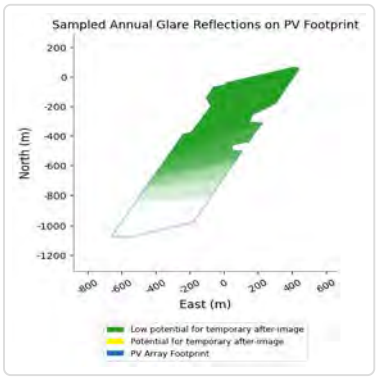
PV array is expected to produce the following glare for this receptor:

- 1,332 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









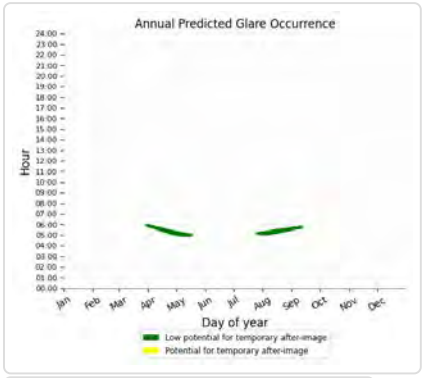
Field D2 Array: OP 25

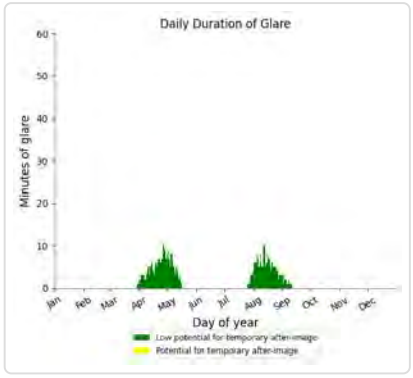
No glare found

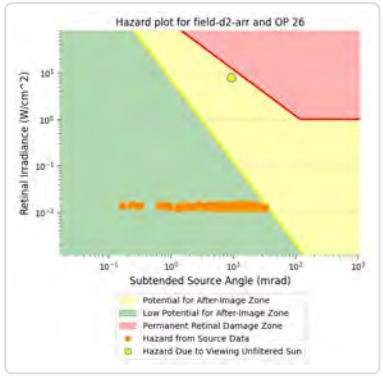
Field D2 Array: OP 26

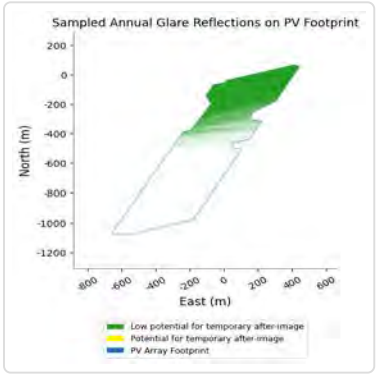
PV array is expected to produce the following glare for this receptor:

- 437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









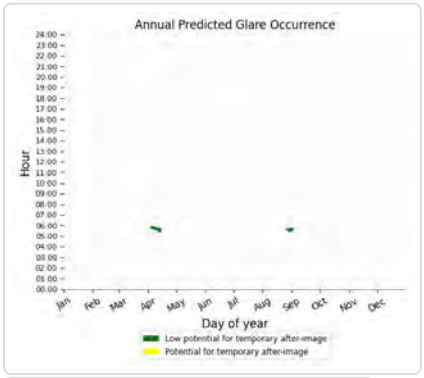
Field D2 Array: OP 27

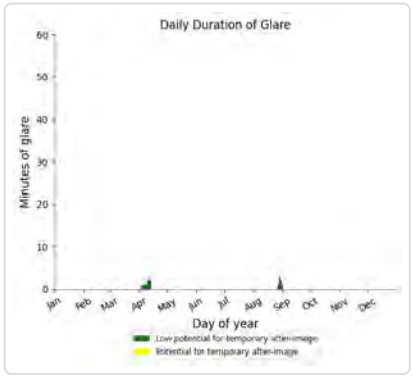
No glare found

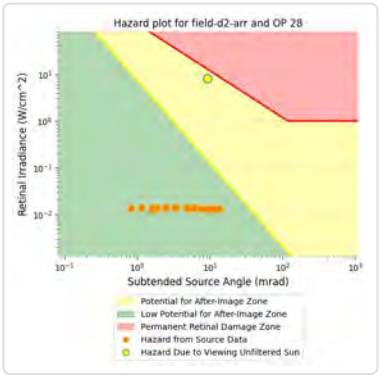
Field D2 Array: OP 28

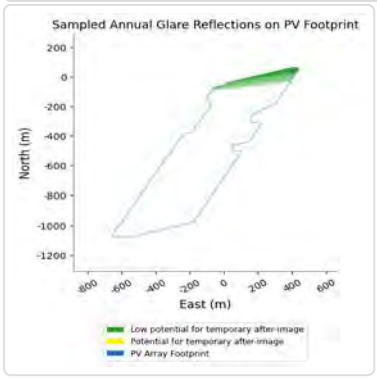
PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 29

No glare found

Field D2 Array: OP 30

No glare found

Field D2 Array: OP 31

No glare found

Field D2 Array: OP 32

No glare found

Field D2 Array: OP 33

No glare found

Field D2 Array: OP 34

No glare found

Field D2 Array: OP 35

No glare found

Field D2 Array: OP 36

No glare found

Field D2 Array: OP 37

No glare found

Field D2 Array: OP 38

No glare found

Field D2 Array: OP 39

No glare found

Field D2 Array: OP 40

No glare found

Field D2 Array: OP 41

No glare found

Field D2 Array: OP 42

No glare found

Field D2 Array: OP 43

No glare found

Field D2 Array: OP 44

No glare found

Field D2 Array: OP 45

No glare found

Field D2 Array: OP 46

No glare found

Field D2 Array: OP 47

No glare found

Field D2 Array: OP 48

No glare found

Field D2 Array: OP 49

No glare found

Field D2 Array: OP 50

No glare found

Field D2 Array: OP 51

No glare found

Field D2 Array: OP 52

No glare found

Field D2 Array: OP 53

No glare found

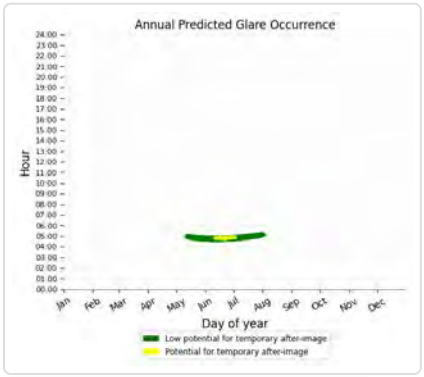
Field D2 Array: OP 54

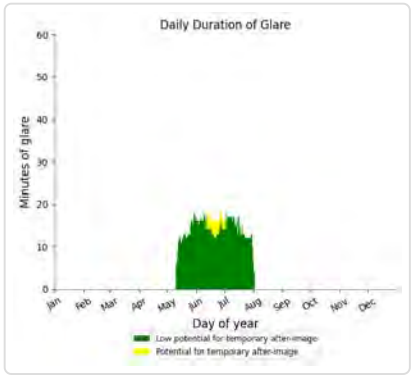
No glare found

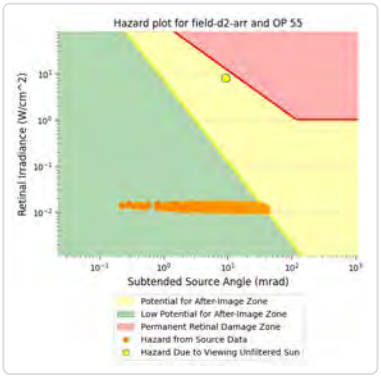
Field D2 Array: OP 55

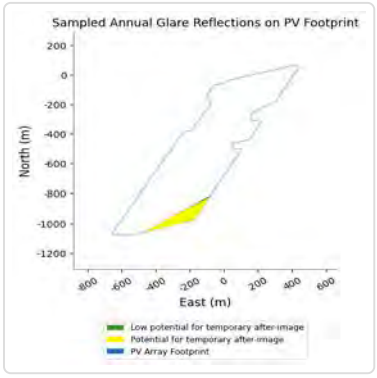
PV array is expected to produce the following glare for this receptor:

- 1,168 minutes of "green" glare with low potential to cause temporary after-image.
- 61 minutes of "yellow" glare with potential to cause temporary after-image.





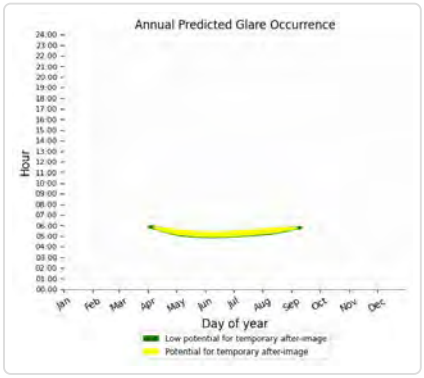


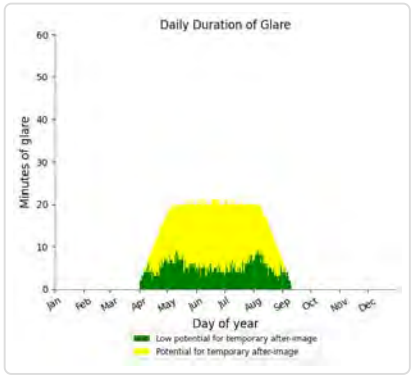


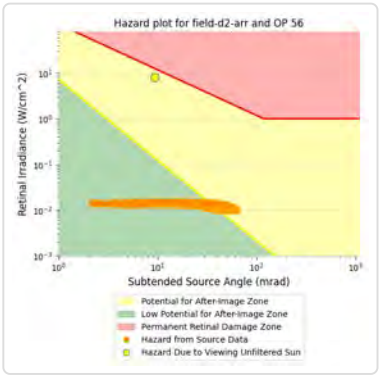
Field D2 Array: OP 56

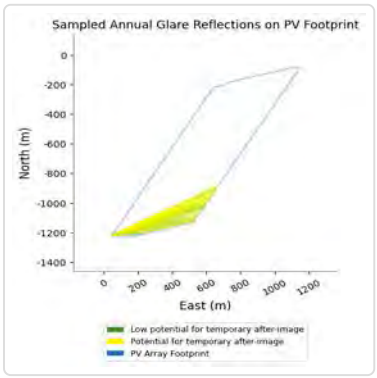
PV array is expected to produce the following glare for this receptor:

- 784 minutes of "green" glare with low potential to cause temporary after-image.
- 1,920 minutes of "yellow" glare with potential to cause temporary after-image.





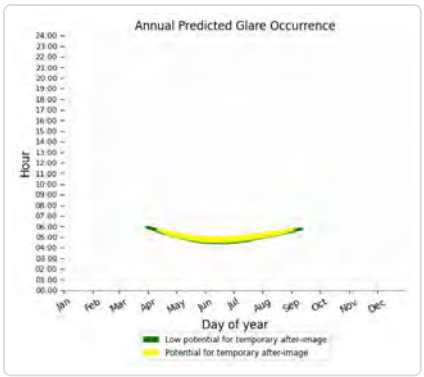


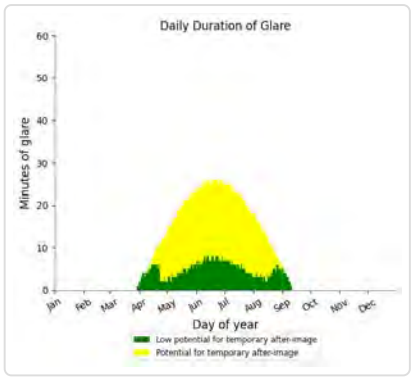


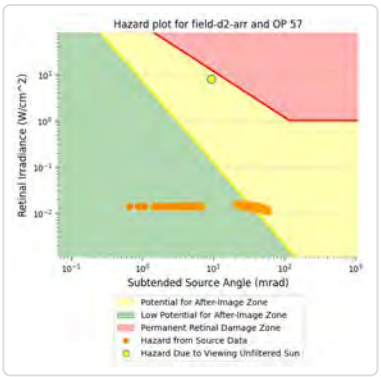
Field D2 Array: OP 57

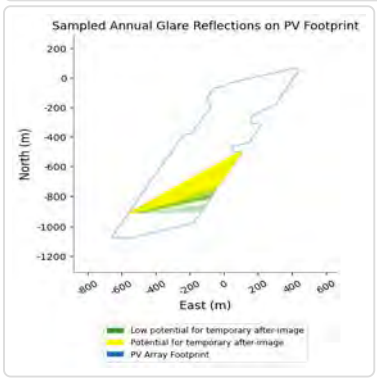
PV array is expected to produce the following glare for this receptor:

- 786 minutes of "green" glare with low potential to cause temporary after-image.
- 1,901 minutes of "yellow" glare with potential to cause temporary after-image.





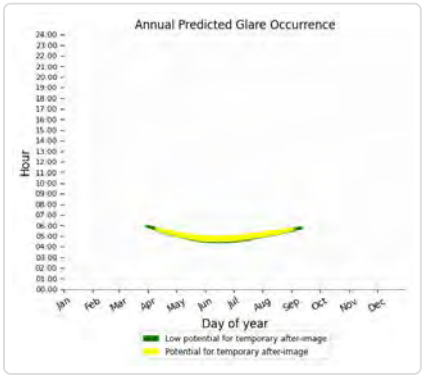


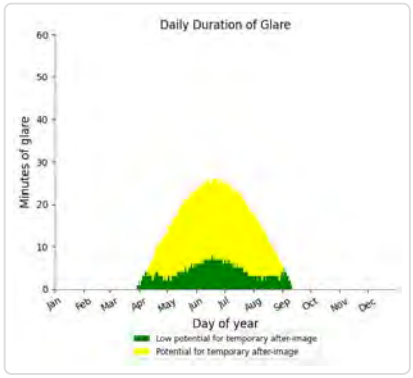


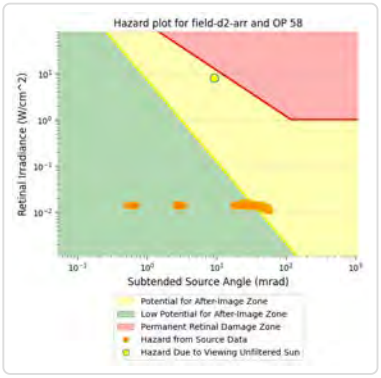
Field D2 Array: OP 58

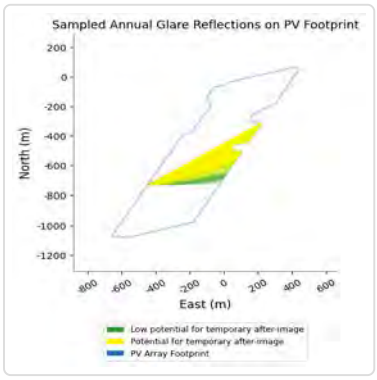
PV array is expected to produce the following glare for this receptor:

- 688 minutes of "green" glare with low potential to cause temporary after-image.
- 1,980 minutes of "yellow" glare with potential to cause temporary after-image.





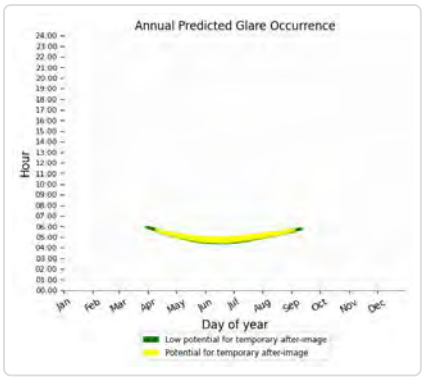


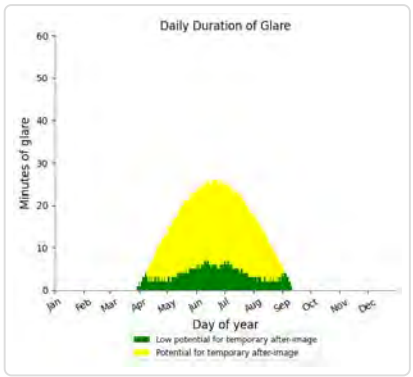


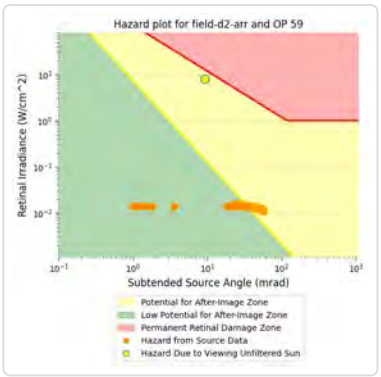
Field D2 Array: OP 59

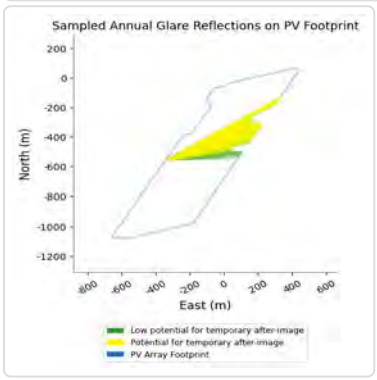
PV array is expected to produce the following glare for this receptor:

- 626 minutes of "green" glare with low potential to cause temporary after-image.
- 2,040 minutes of "yellow" glare with potential to cause temporary after-image.





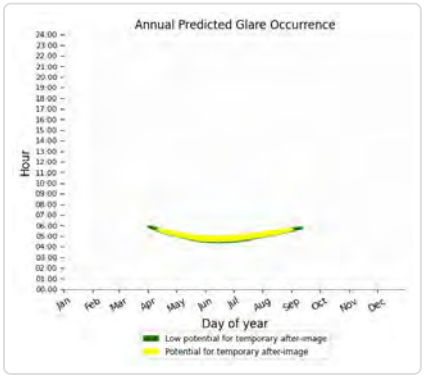


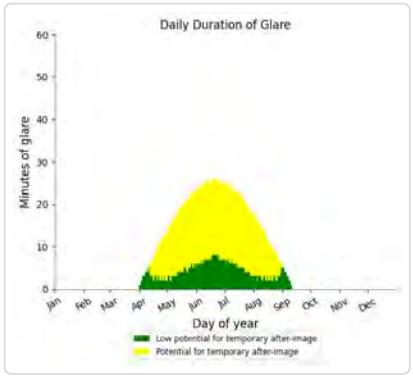


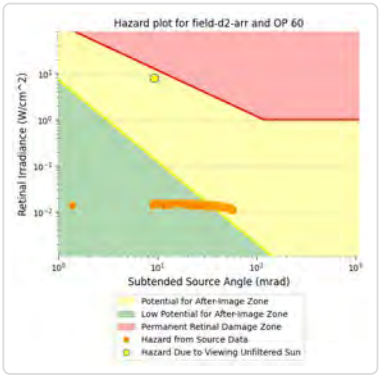
Field D2 Array: OP 60

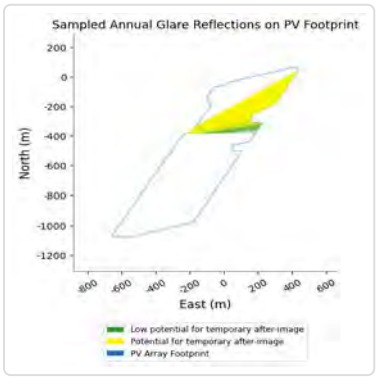
PV array is expected to produce the following glare for this receptor:

- 696 minutes of "green" glare with low potential to cause temporary after-image.
- 1,961 minutes of "yellow" glare with potential to cause temporary after-image.





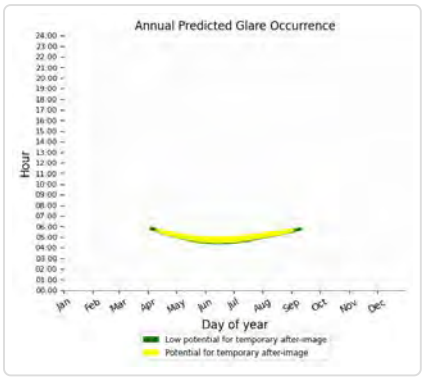


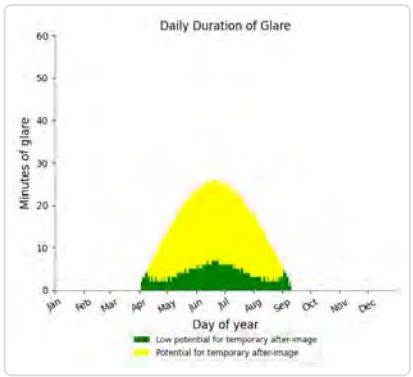


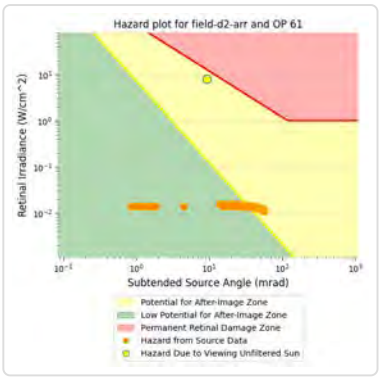
Field D2 Array: OP 61

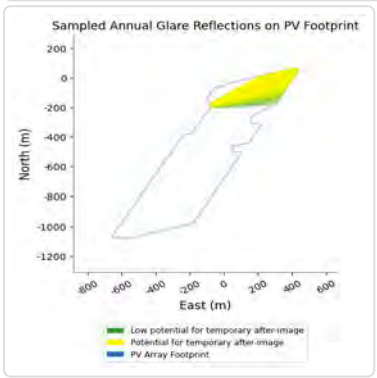
PV array is expected to produce the following glare for this receptor:

- 636 minutes of "green" glare with low potential to cause temporary after-image.
- 2,010 minutes of "yellow" glare with potential to cause temporary after-image.





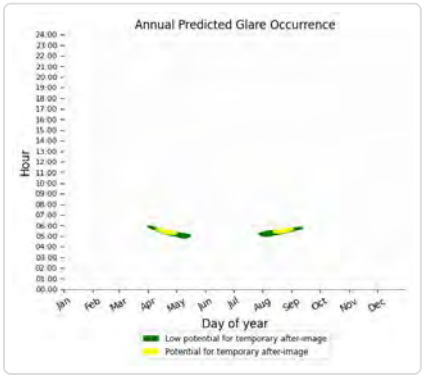


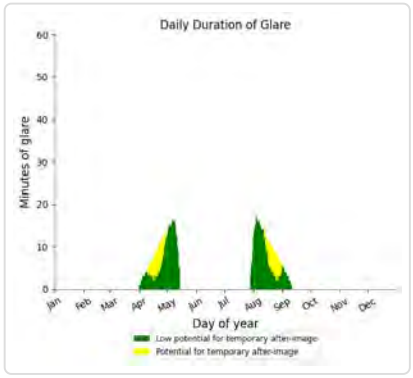


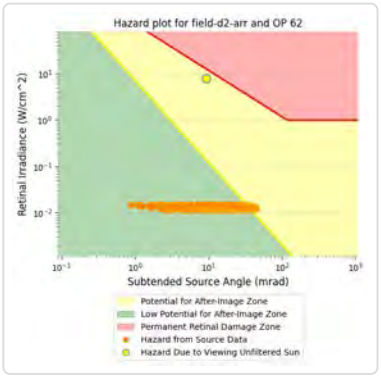
Field D2 Array: OP 62

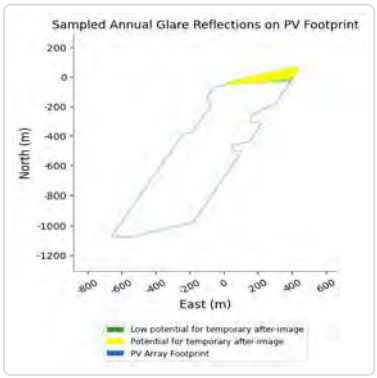
PV array is expected to produce the following glare for this receptor:

- 637 minutes of "green" glare with low potential to cause temporary after-image.
- 182 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 63

No glare found

Field D2 Array: OP 64

No glare found

Field D2 Array: OP 65

No glare found

Field D2 Array: OP 66

No glare found

Field D2 Array: OP 67

No glare found

Field D2 Array: OP 68

No glare found

Field D2 Array: OP 69

No glare found

Field D3 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	23	0
OP: OP 5	20	0
OP: OP 6	23	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	818	0
OP: OP 16	1442	203
OP: OP 17	1352	109
OP: OP 18	1641	491
OP: OP 19	1773	276
OP: OP 20	1676	475
OP: OP 21	1560	622
OP: OP 22	1617	476
OP: OP 23	1574	455
OP: OP 24	1510	326
OP: OP 25	1430	105
OP: OP 26	1856	273
OP: OP 27	110	0
OP: OP 28	33	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	1099	1508
OP: OP 51	607	2039
OP: OP 52	1310	1380
OP: OP 53	1556	819
OP: OP 54	1593	648
OP: OP 55	701	1963
OP: OP 56	763	1929

OP: OP 57	1098	1488
OP: OP 58	628	2038
OP: OP 59	641	2025
OP: OP 60	700	1964
OP: OP 61	870	1798
OP: OP 62	2606	13
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

Field D3 Array: OP 1

No glare found

Field D3 Array: OP 2

No glare found

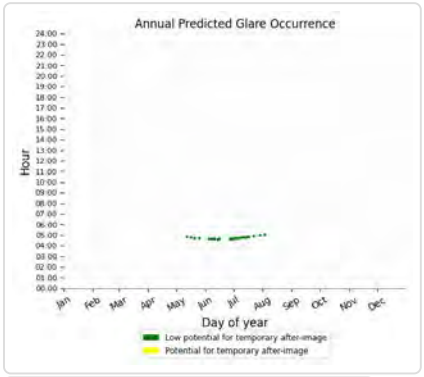
Field D3 Array: OP 3

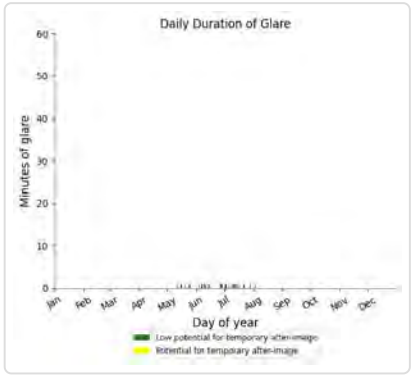
No glare found

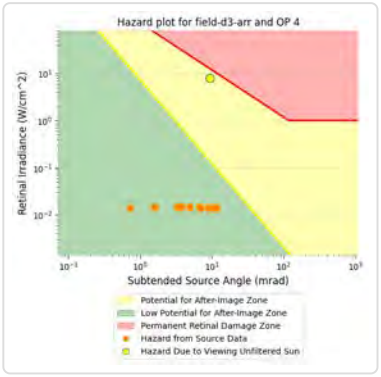
Field D3 Array: OP 4

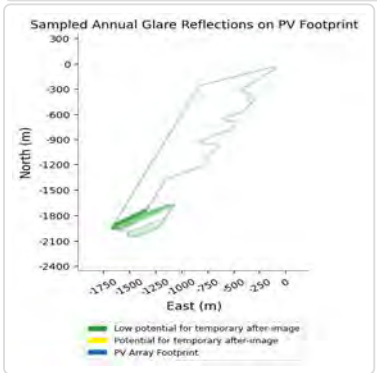
PV array is expected to produce the following glare for this receptor:

- 23 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





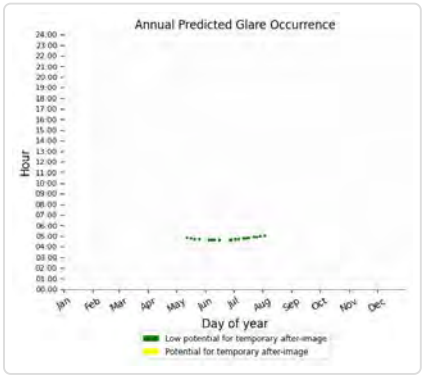


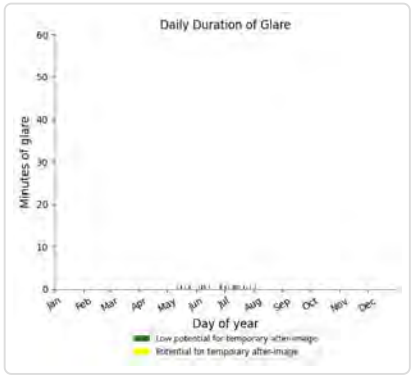


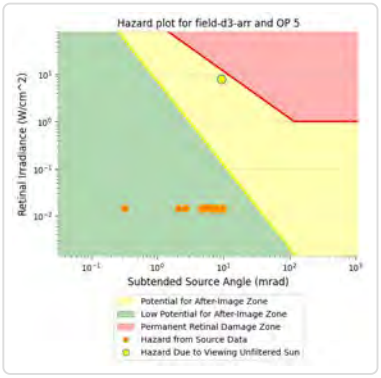
Field D3 Array: OP 5

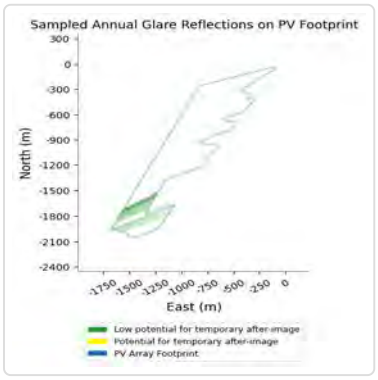
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





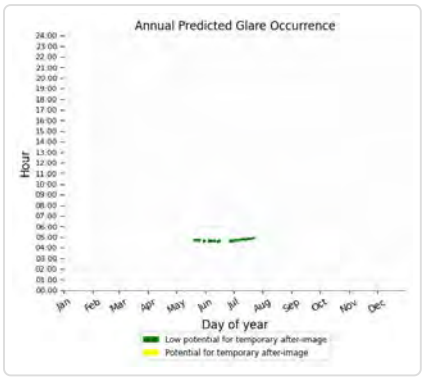




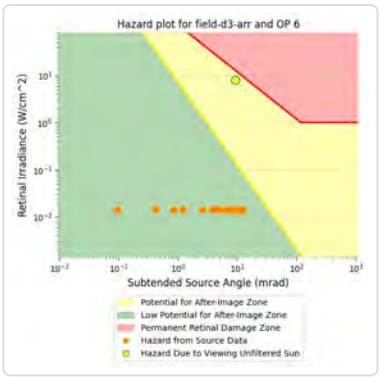
Field D3 Array: OP 6

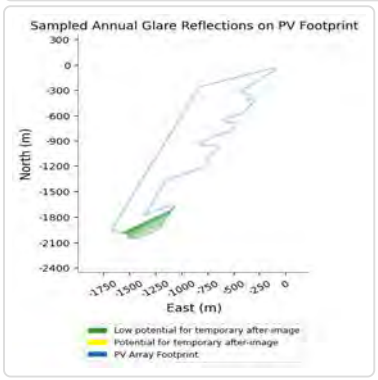
PV array is expected to produce the following glare for this receptor:

- 23 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 7

No glare found

Field D3 Array: OP 8

No glare found

Field D3 Array: OP 9

No glare found

Field D3 Array: OP 10

No glare found

Field D3 Array: OP 11

No glare found

Field D3 Array: OP 12

No glare found

Field D3 Array: OP 13

No glare found

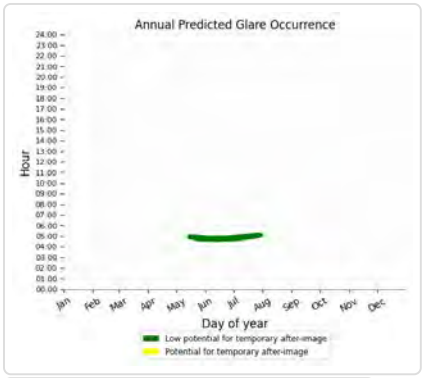
Field D3 Array: OP 14

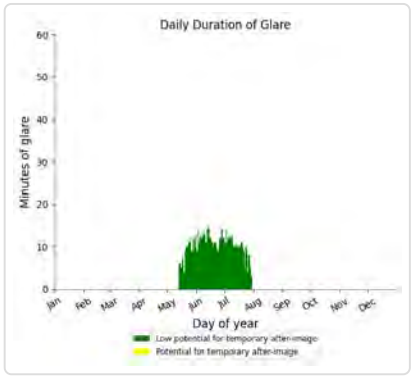
No glare found

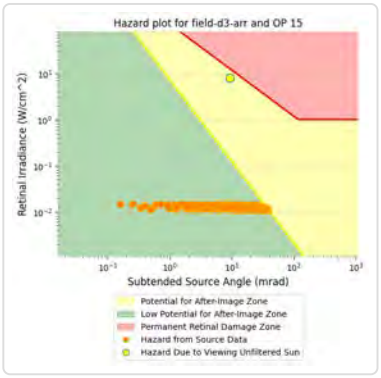
Field D3 Array: OP 15

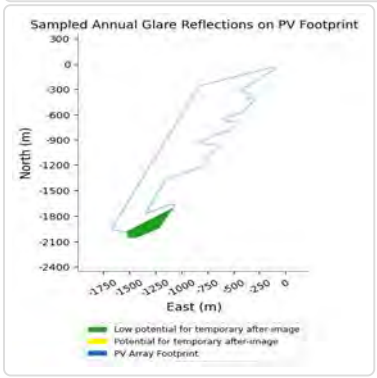
PV array is expected to produce the following glare for this receptor:

- 818 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





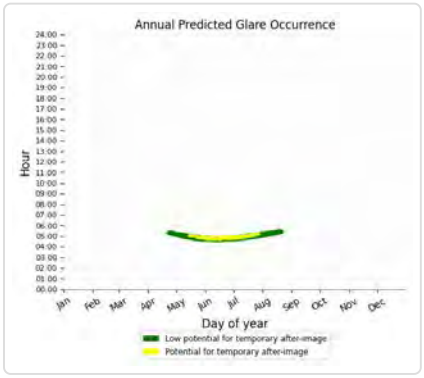


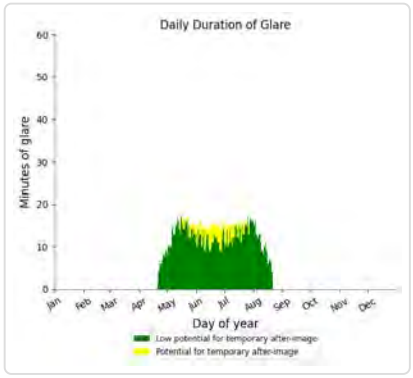


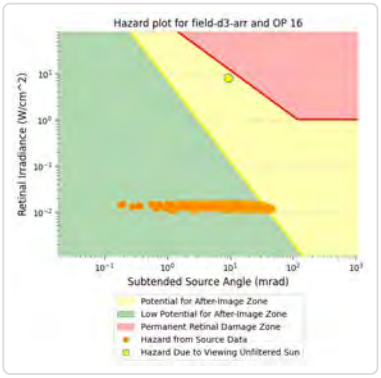
Field D3 Array: OP 16

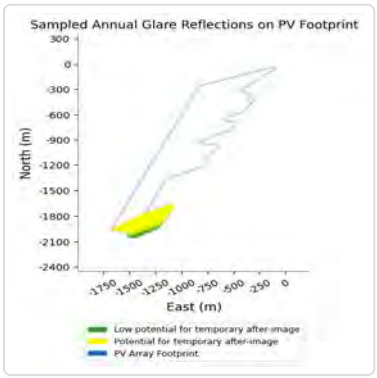
PV array is expected to produce the following glare for this receptor:

- 1,442 minutes of "green" glare with low potential to cause temporary after-image.
- 203 minutes of "yellow" glare with potential to cause temporary after-image.





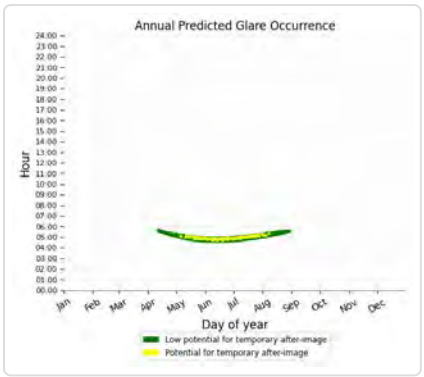


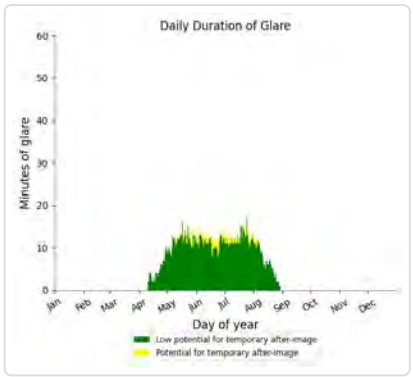


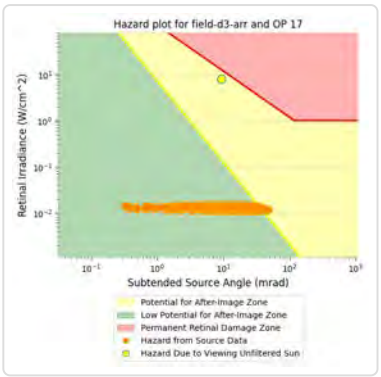
Field D3 Array: OP 17

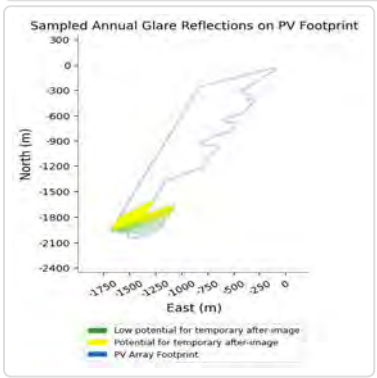
PV array is expected to produce the following glare for this receptor:

- 1,352 minutes of "green" glare with low potential to cause temporary after-image.
- 109 minutes of "yellow" glare with potential to cause temporary after-image.





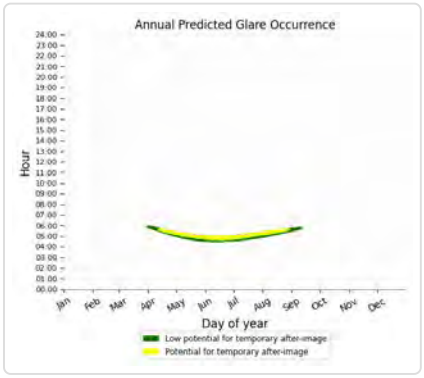


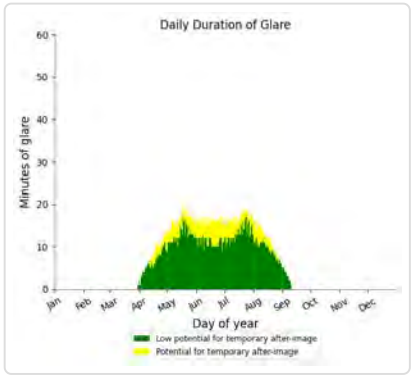


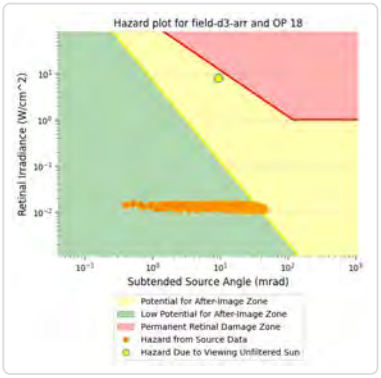
Field D3 Array: OP 18

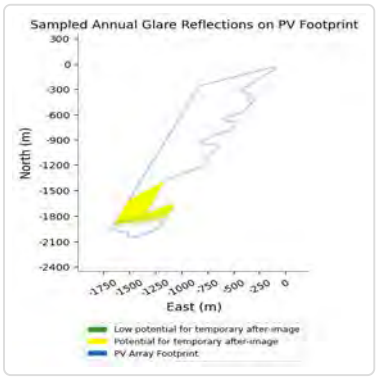
PV array is expected to produce the following glare for this receptor:

- 1,641 minutes of "green" glare with low potential to cause temporary after-image.
- 491 minutes of "yellow" glare with potential to cause temporary after-image.





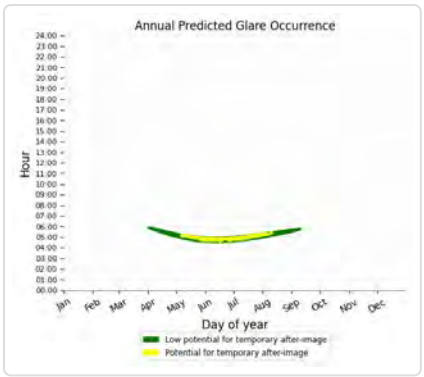


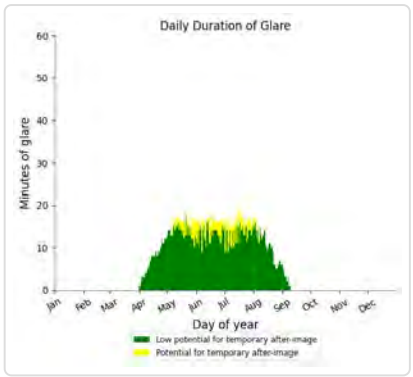


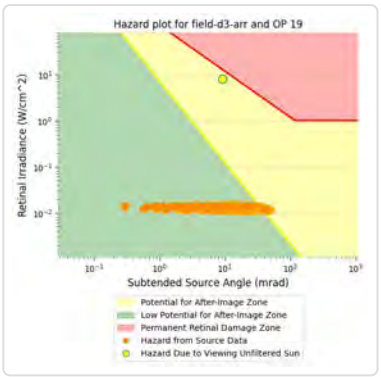
Field D3 Array: OP 19

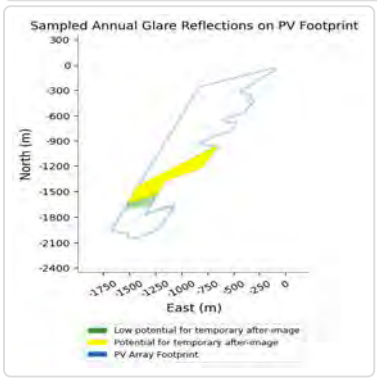
PV array is expected to produce the following glare for this receptor:

- 1,773 minutes of "green" glare with low potential to cause temporary after-image.
- 276 minutes of "yellow" glare with potential to cause temporary after-image.





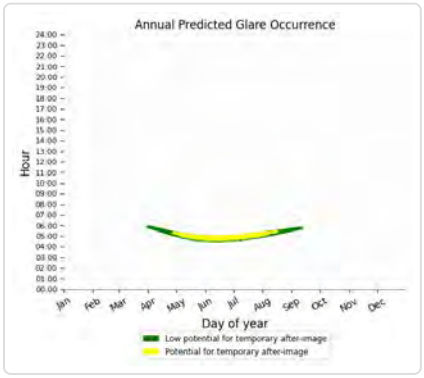


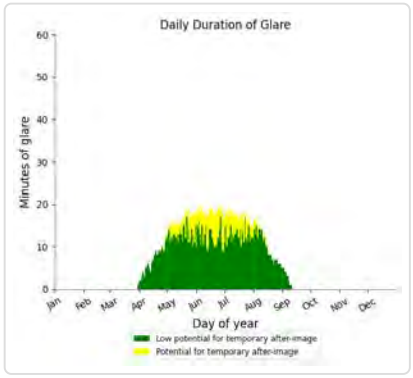


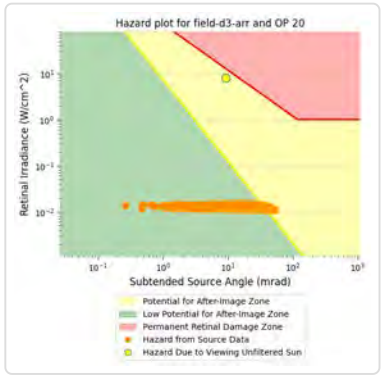
Field D3 Array: OP 20

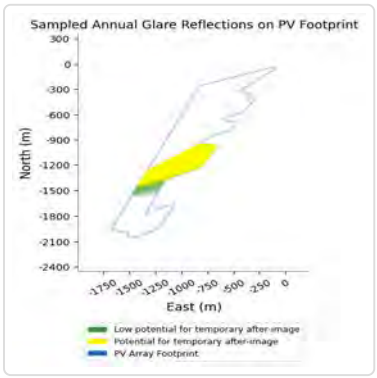
PV array is expected to produce the following glare for this receptor:

- 1,676 minutes of "green" glare with low potential to cause temporary after-image.
- 475 minutes of "yellow" glare with potential to cause temporary after-image.





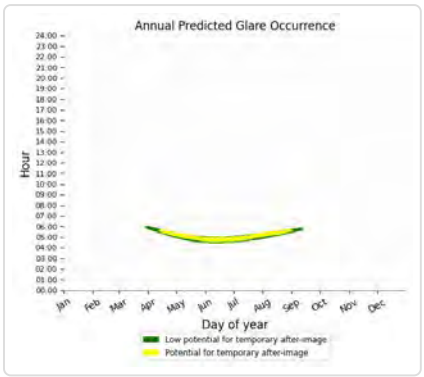


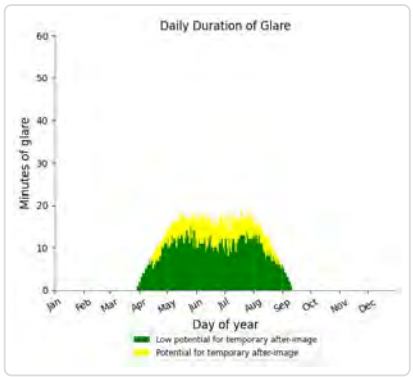


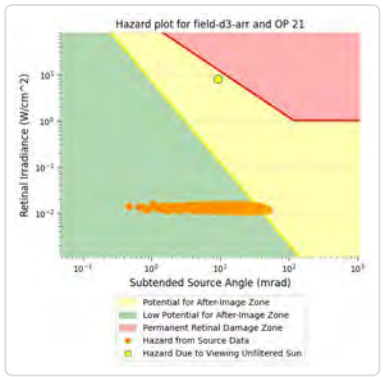
Field D3 Array: OP 21

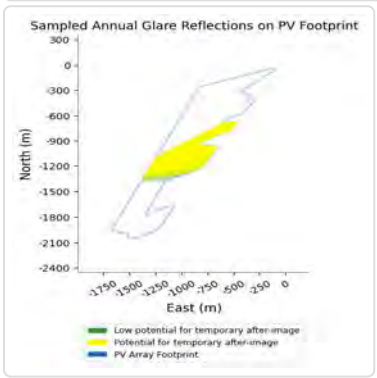
PV array is expected to produce the following glare for this receptor:

- 1,560 minutes of "green" glare with low potential to cause temporary after-image.
- 622 minutes of "yellow" glare with potential to cause temporary after-image.





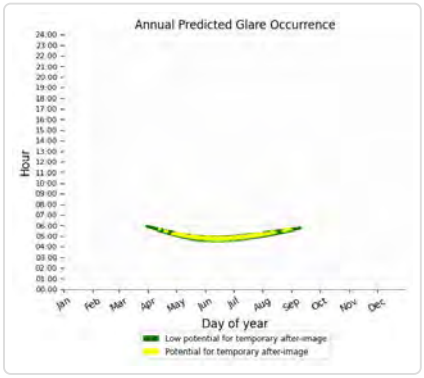


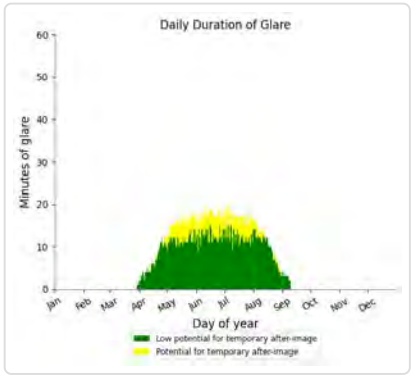


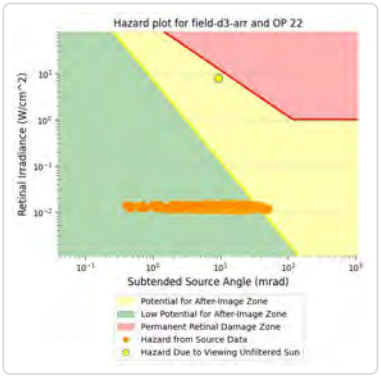
Field D3 Array: OP 22

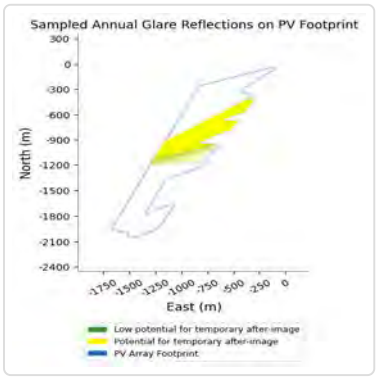
PV array is expected to produce the following glare for this receptor:

- 1,617 minutes of "green" glare with low potential to cause temporary after-image.
- 476 minutes of "yellow" glare with potential to cause temporary after-image.





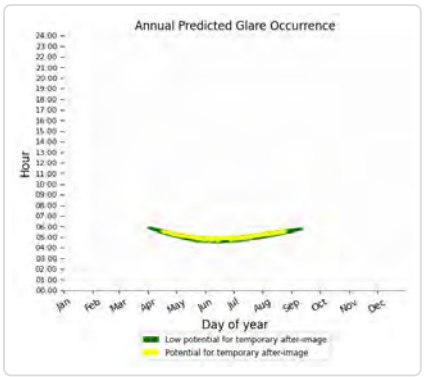


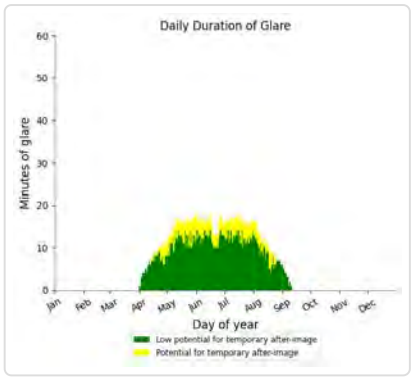


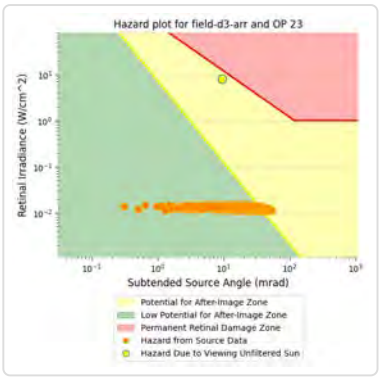
Field D3 Array: OP 23

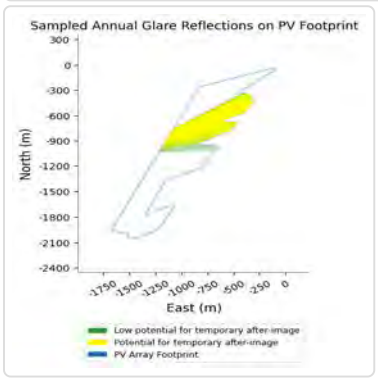
PV array is expected to produce the following glare for this receptor:

- 1,574 minutes of "green" glare with low potential to cause temporary after-image.
- 455 minutes of "yellow" glare with potential to cause temporary after-image.





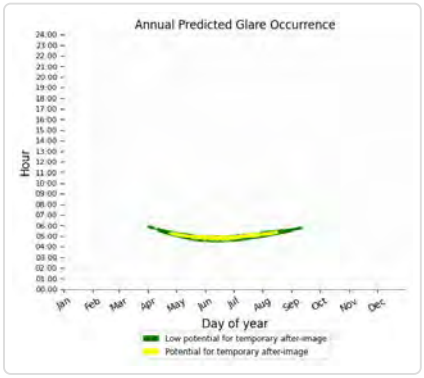


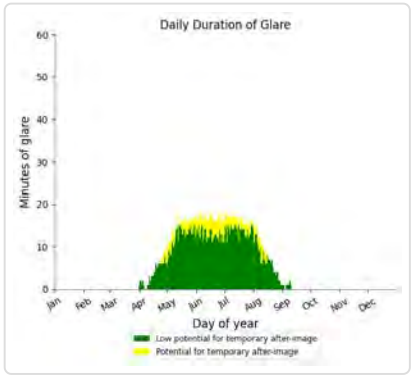


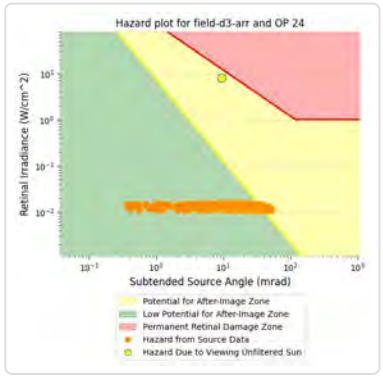
Field D3 Array: OP 24

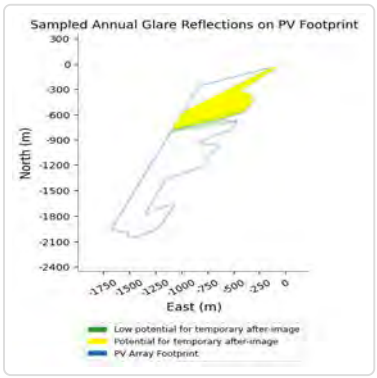
PV array is expected to produce the following glare for this receptor:

- 1,510 minutes of "green" glare with low potential to cause temporary after-image.
- 326 minutes of "yellow" glare with potential to cause temporary after-image.





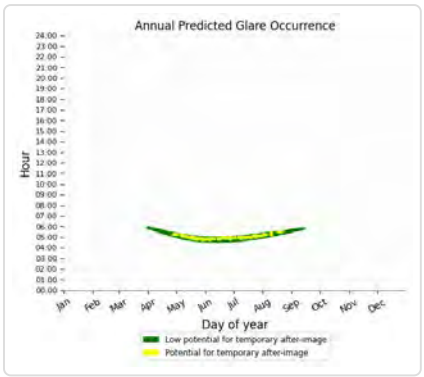


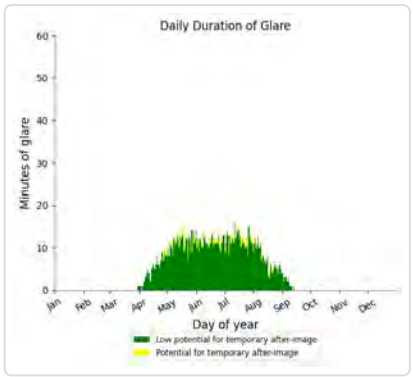


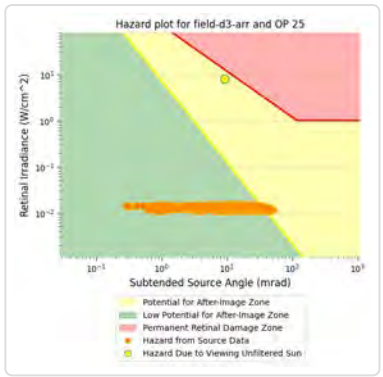
Field D3 Array: OP 25

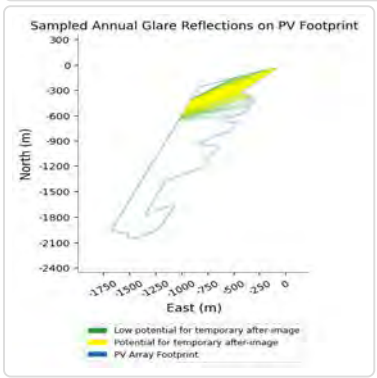
PV array is expected to produce the following glare for this receptor:

- 1,430 minutes of "green" glare with low potential to cause temporary after-image.
- 105 minutes of "yellow" glare with potential to cause temporary after-image.





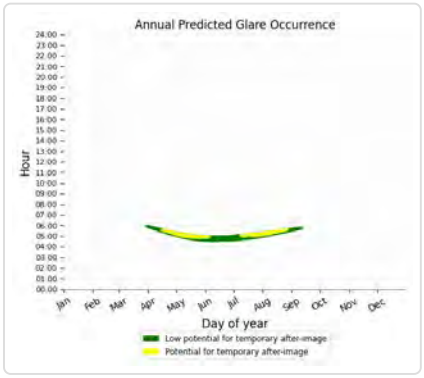


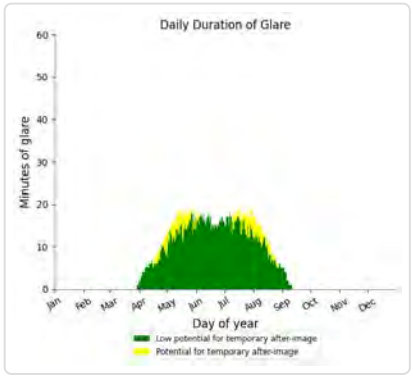


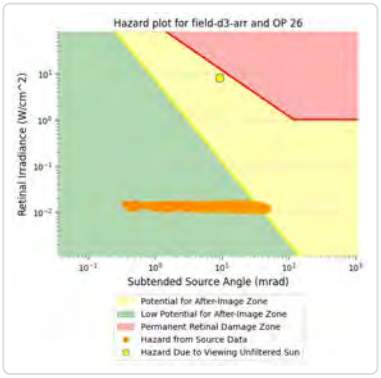
Field D3 Array: OP 26

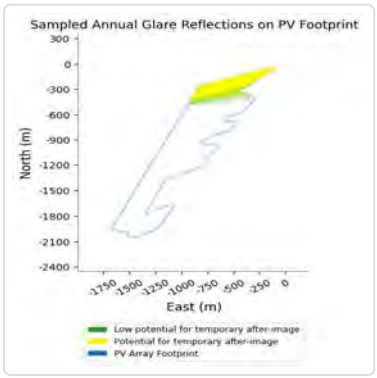
PV array is expected to produce the following glare for this receptor:

- 1,856 minutes of "green" glare with low potential to cause temporary after-image.
- 273 minutes of "yellow" glare with potential to cause temporary after-image.





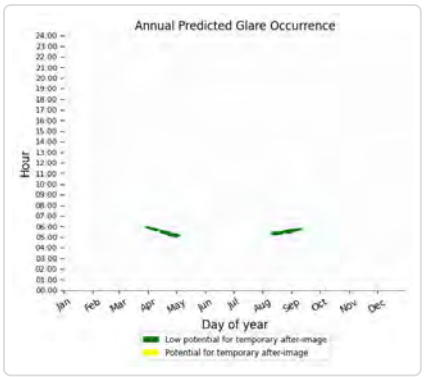


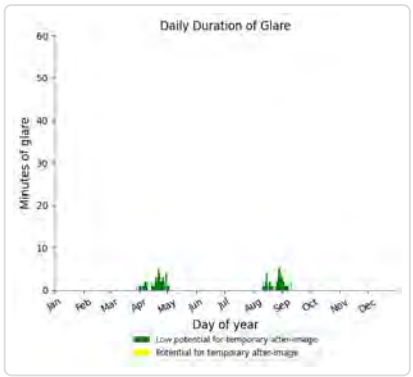


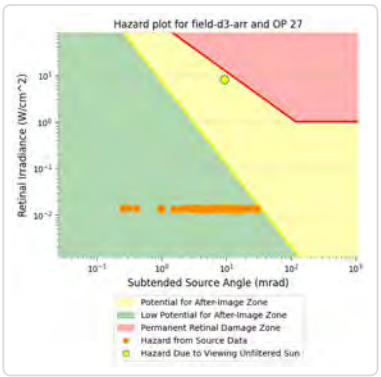
Field D3 Array: OP 27

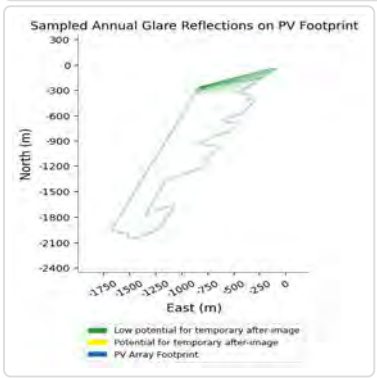
PV array is expected to produce the following glare for this receptor:

- 110 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





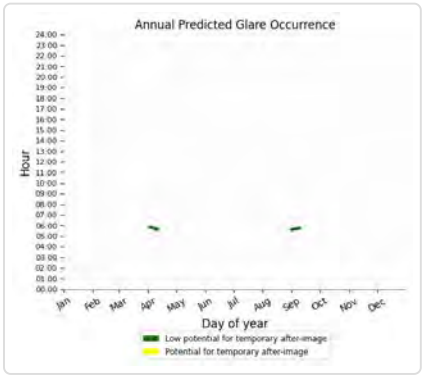


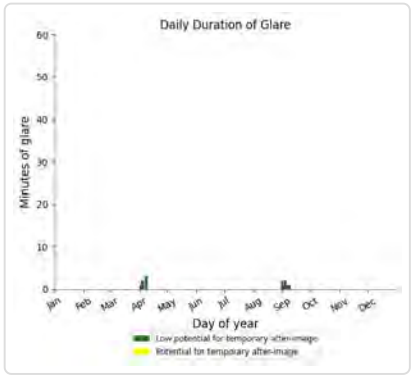


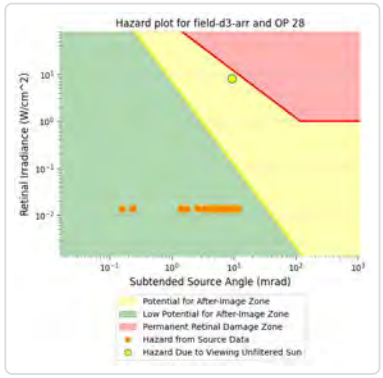
Field D3 Array: OP 28

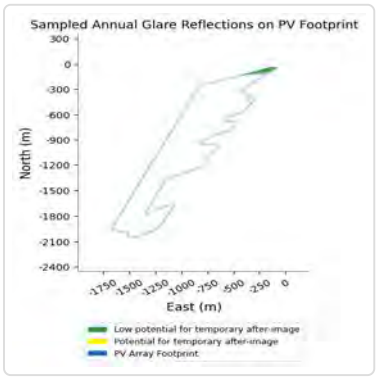
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 29

No glare found

Field D3 Array: OP 30

No glare found

Field D3 Array: OP 31

No glare found

Field D3 Array: OP 32

No glare found

Field D3 Array: OP 33

No glare found

Field D3 Array: OP 34

No glare found

Field D3 Array: OP 35

No glare found

Field D3 Array: OP 36

No glare found

Field D3 Array: OP 37

No glare found

Field D3 Array: OP 38

No glare found

Field D3 Array: OP 39

No glare found

Field D3 Array: OP 40

No glare found

Field D3 Array: OP 41

No glare found

Field D3 Array: OP 42

No glare found

Field D3 Array: OP 43

No glare found

Field D3 Array: OP 44

No glare found

Field D3 Array: OP 45

No glare found

Field D3 Array: OP 46

No glare found

Field D3 Array: OP 47

No glare found

Field D3 Array: OP 48

No glare found

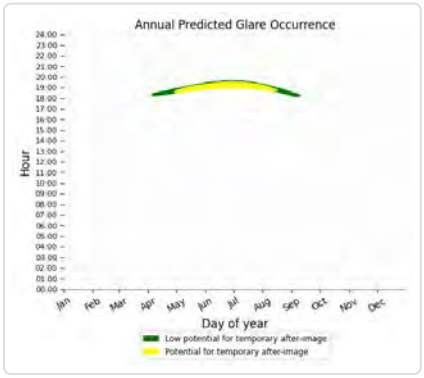
Field D3 Array: OP 49

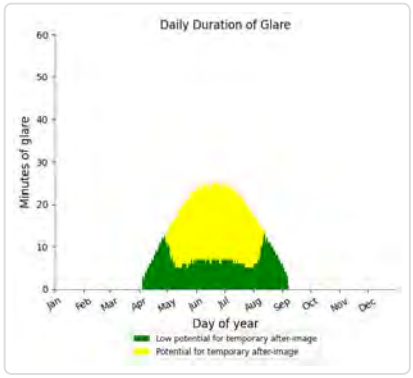
No glare found

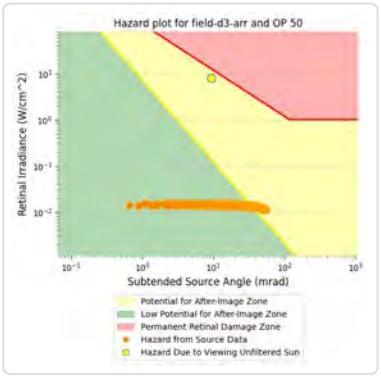
Field D3 Array: OP 50

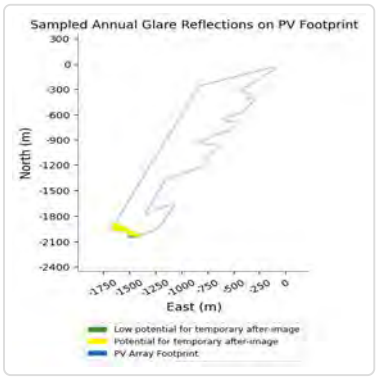
PV array is expected to produce the following glare for this receptor:

- 1,099 minutes of "green" glare with low potential to cause temporary after-image.
- 1,508 minutes of "yellow" glare with potential to cause temporary after-image.





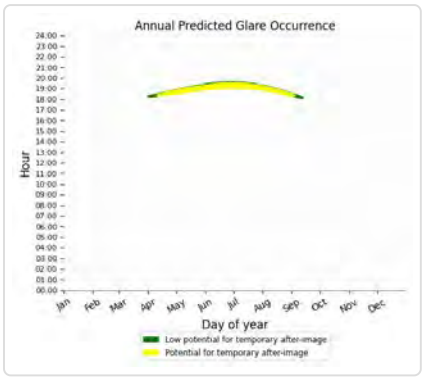


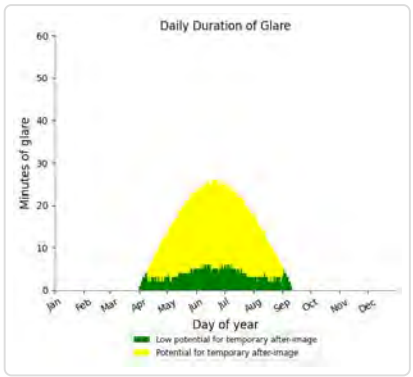


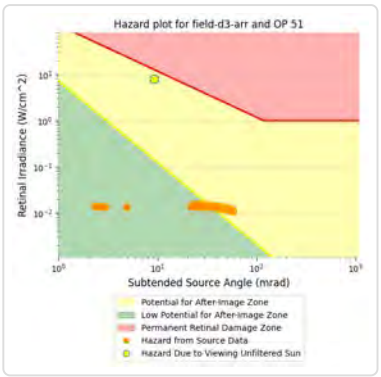
Field D3 Array: OP 51

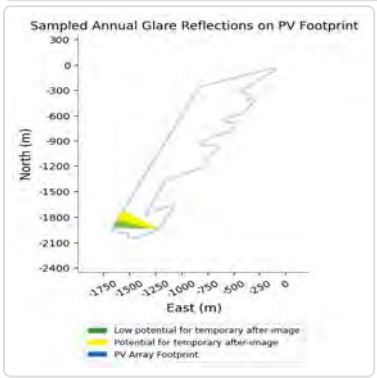
PV array is expected to produce the following glare for this receptor:

- 607 minutes of "green" glare with low potential to cause temporary after-image.
- 2,039 minutes of "yellow" glare with potential to cause temporary after-image.





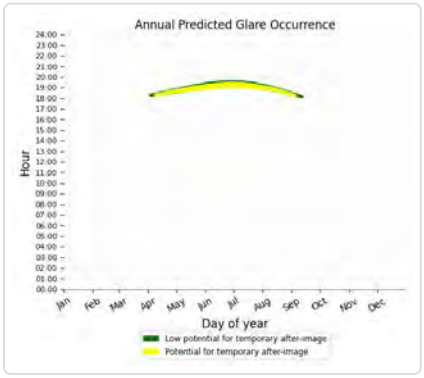


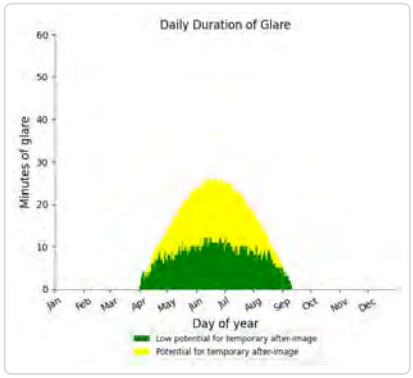


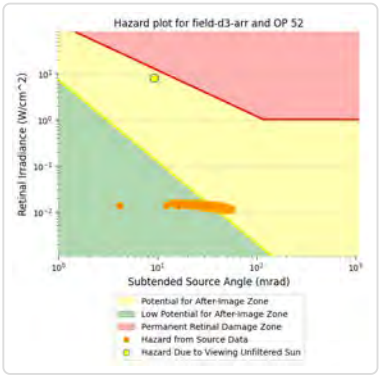
Field D3 Array: OP 52

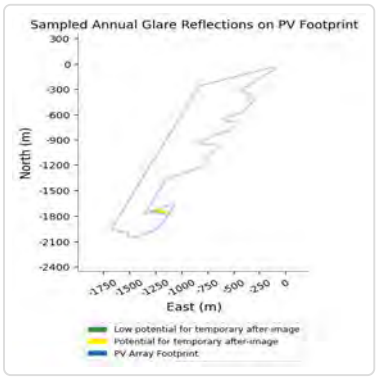
PV array is expected to produce the following glare for this receptor:

- 1,310 minutes of "green" glare with low potential to cause temporary after-image.
- 1,380 minutes of "yellow" glare with potential to cause temporary after-image.





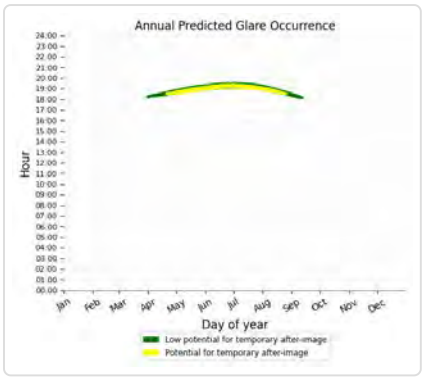


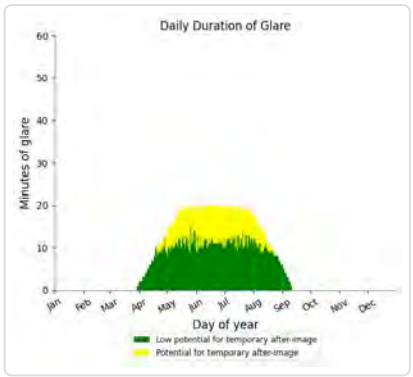


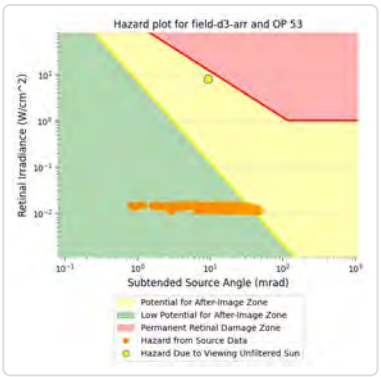
Field D3 Array: OP 53

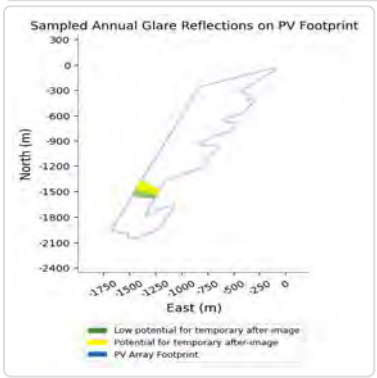
PV array is expected to produce the following glare for this receptor:

- 1,556 minutes of "green" glare with low potential to cause temporary after-image.
- 819 minutes of "yellow" glare with potential to cause temporary after-image.





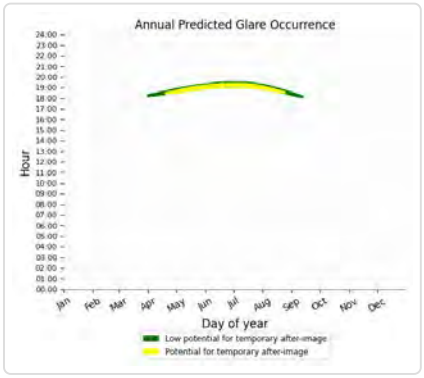


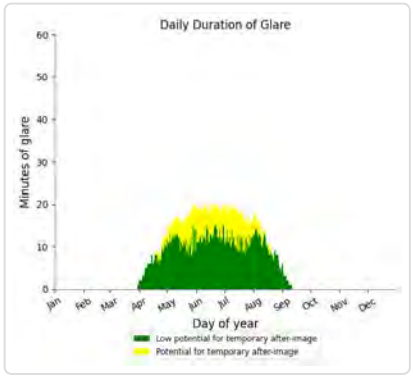


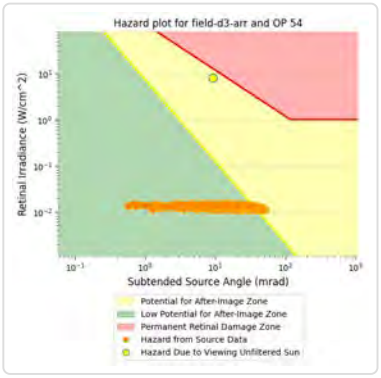
Field D3 Array: OP 54

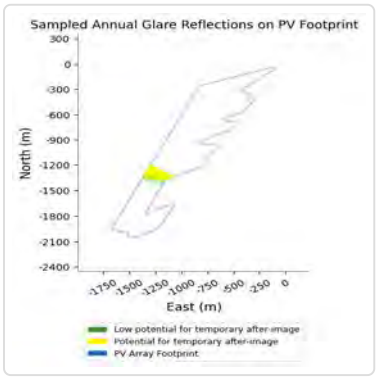
PV array is expected to produce the following glare for this receptor:

- 1,593 minutes of "green" glare with low potential to cause temporary after-image.
- 648 minutes of "yellow" glare with potential to cause temporary after-image.





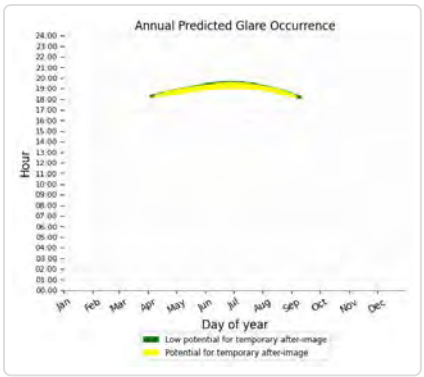


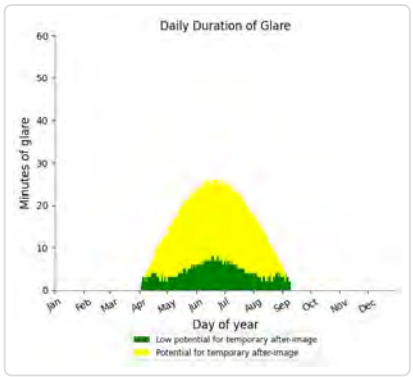


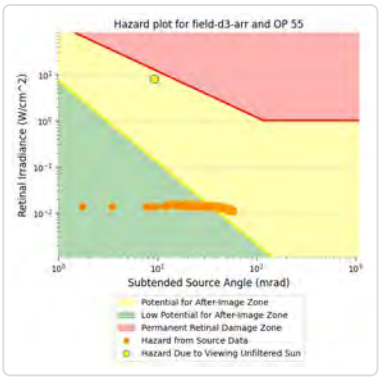
Field D3 Array: OP 55

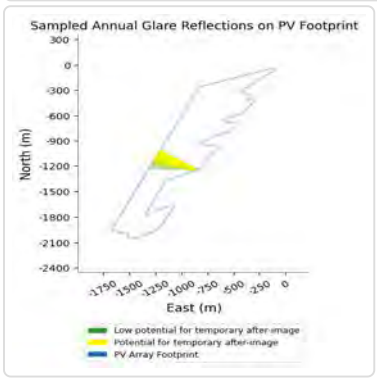
PV array is expected to produce the following glare for this receptor:

- 701 minutes of "green" glare with low potential to cause temporary after-image.
- 1,963 minutes of "yellow" glare with potential to cause temporary after-image.





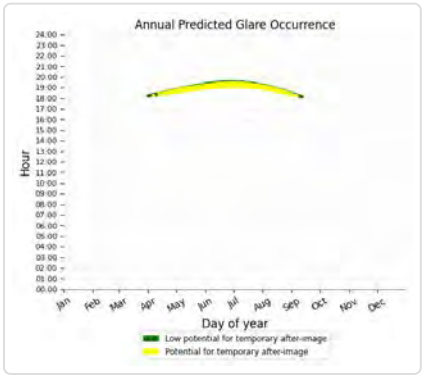


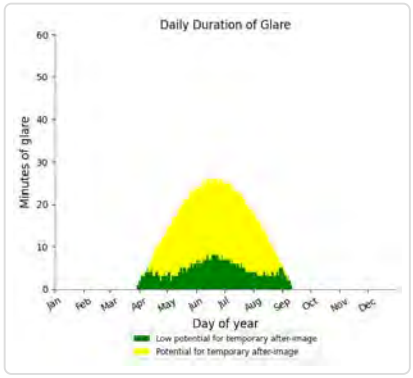


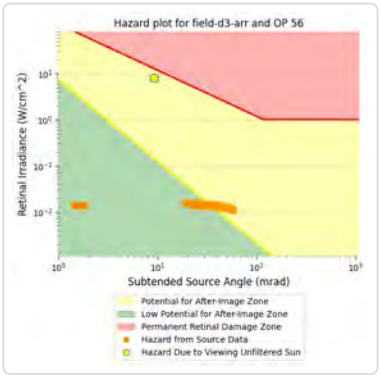
Field D3 Array: OP 56

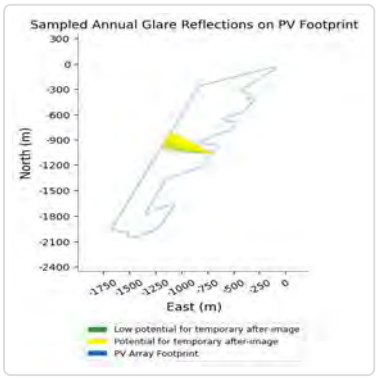
PV array is expected to produce the following glare for this receptor:

- 763 minutes of "green" glare with low potential to cause temporary after-image.
- 1,929 minutes of "yellow" glare with potential to cause temporary after-image.





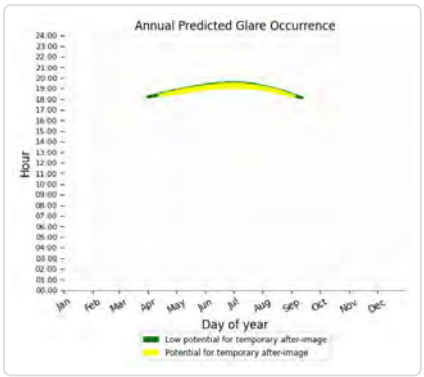


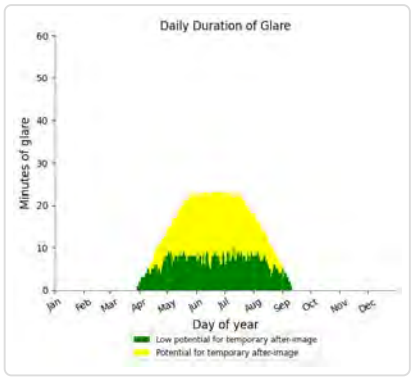


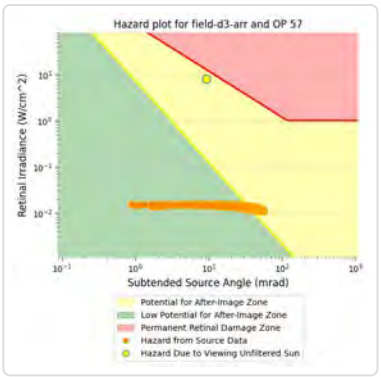
Field D3 Array: OP 57

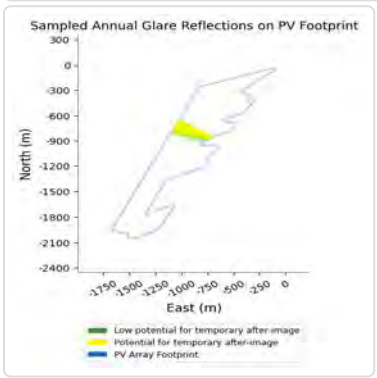
PV array is expected to produce the following glare for this receptor:

- 1,098 minutes of "green" glare with low potential to cause temporary after-image.
- 1,488 minutes of "yellow" glare with potential to cause temporary after-image.





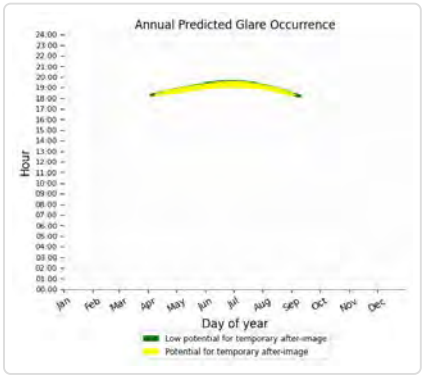


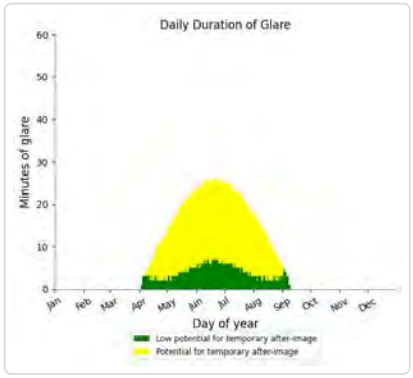


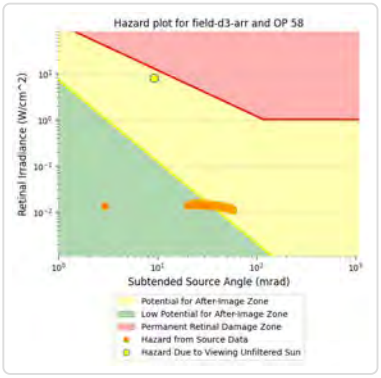
Field D3 Array: OP 58

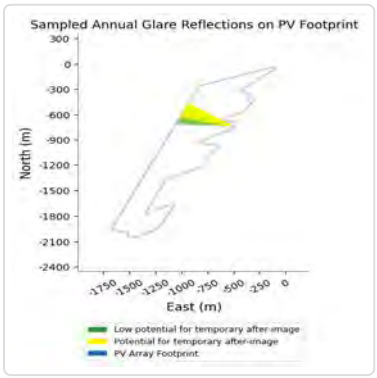
PV array is expected to produce the following glare for this receptor:

- 628 minutes of "green" glare with low potential to cause temporary after-image.
- 2,038 minutes of "yellow" glare with potential to cause temporary after-image.





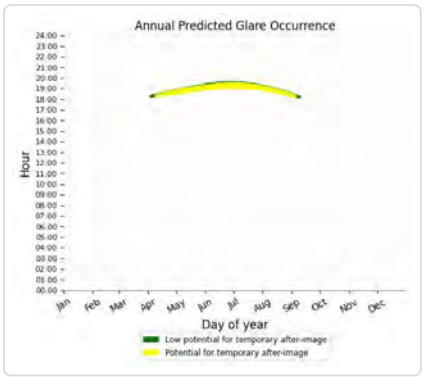


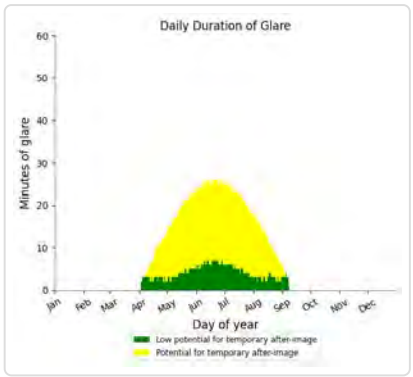


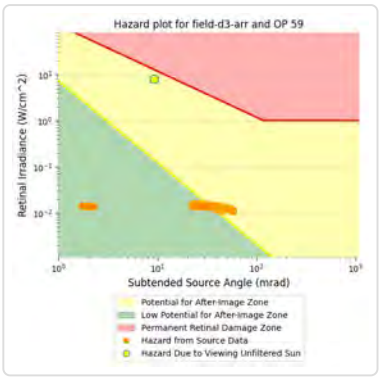
Field D3 Array: OP 59

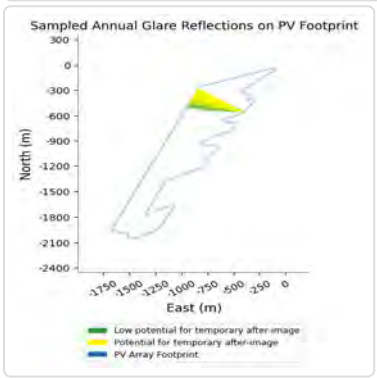
PV array is expected to produce the following glare for this receptor:

- 641 minutes of "green" glare with low potential to cause temporary after-image.
- 2,025 minutes of "yellow" glare with potential to cause temporary after-image.





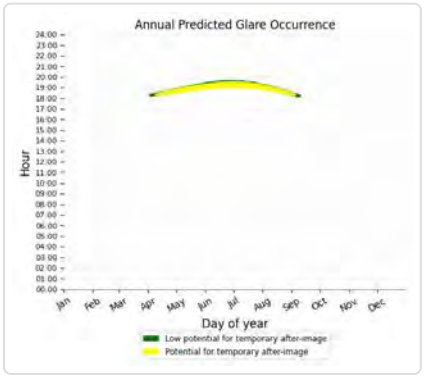


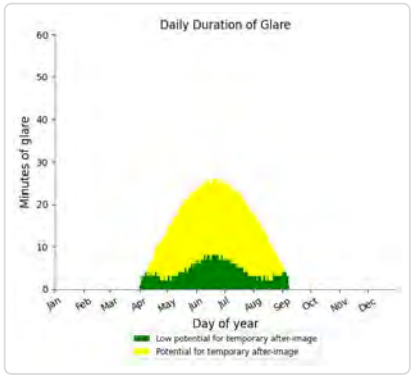


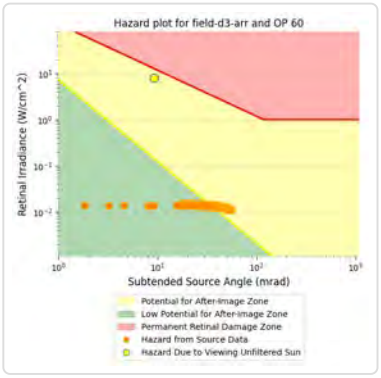
Field D3 Array: OP 60

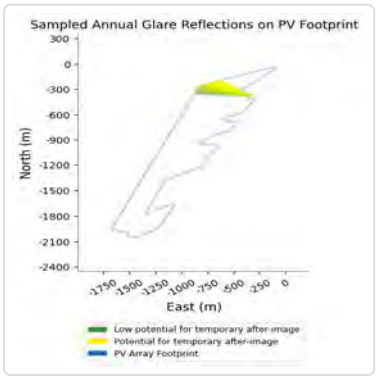
PV array is expected to produce the following glare for this receptor:

- 700 minutes of "green" glare with low potential to cause temporary after-image.
- 1,964 minutes of "yellow" glare with potential to cause temporary after-image.





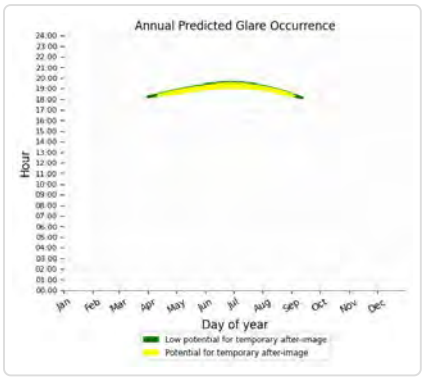


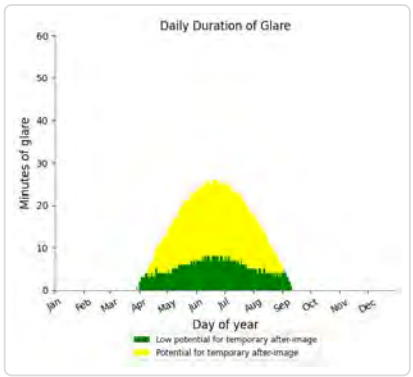


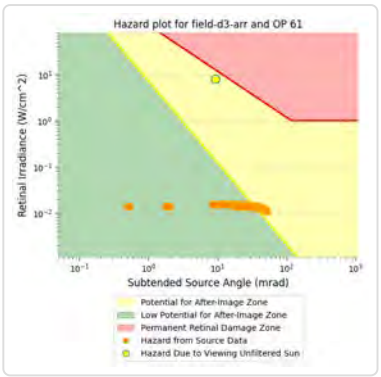
Field D3 Array: OP 61

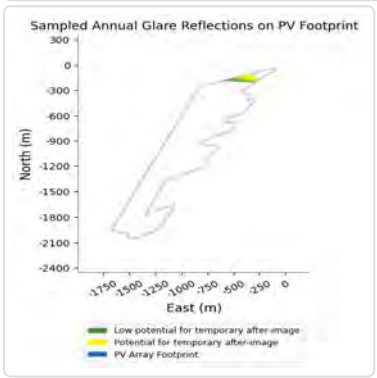
PV array is expected to produce the following glare for this receptor:

- 870 minutes of "green" glare with low potential to cause temporary after-image.
- 1,798 minutes of "yellow" glare with potential to cause temporary after-image.





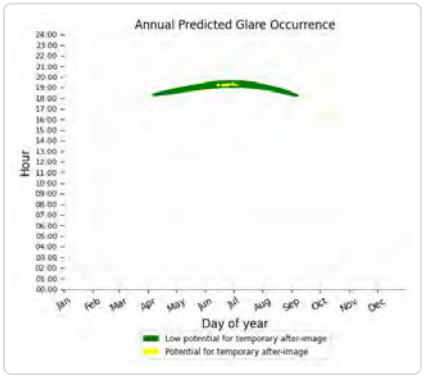


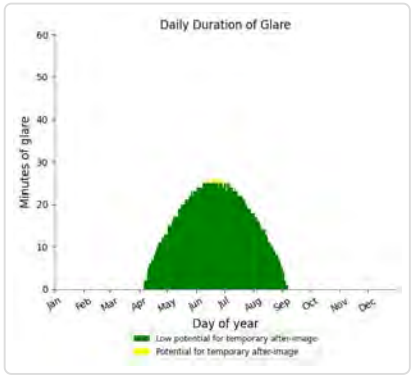


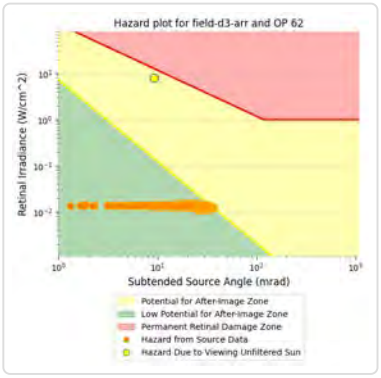
Field D3 Array: OP 62

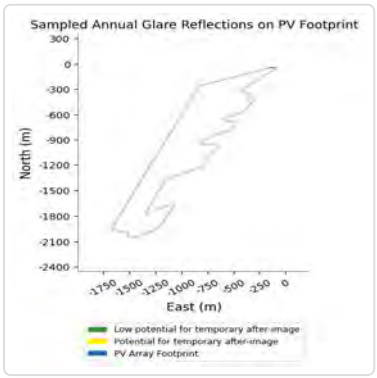
PV array is expected to produce the following glare for this receptor:

- 2,606 minutes of "green" glare with low potential to cause temporary after-image.
- 13 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 63

No glare found

Field D3 Array: OP 64

No glare found

Field D3 Array: OP 65

No glare found

Field D3 Array: OP 66

No glare found

Field D3 Array: OP 67

No glare found

Field D3 Array: OP 68

No glare found

Field D3 Array: OP 69

No glare found

Field D5 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1523	0
OP: OP 2	886	0

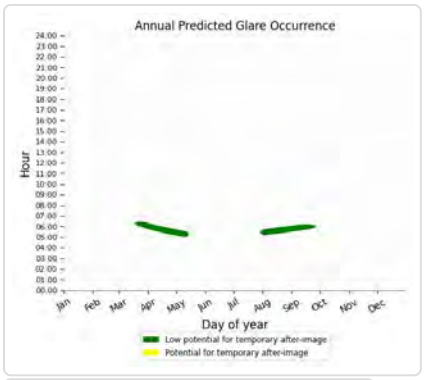
OP: OP 3	542	0
OP: OP 4	114	0
OP: OP 5	0	0
OP: OP 6	162	0
OP: OP 7	159	0
OP: OP 8	2018	684
OP: OP 9	2180	778
OP: OP 10	2533	336
OP: OP 11	1812	63
OP: OP 12	1094	0
OP: OP 13	728	0
OP: OP 14	27	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	1798	666
OP: OP 37	1582	50
OP: OP 38	166	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	1420	0
OP: OP 42	1273	133
OP: OP 43	685	1777
OP: OP 44	743	1732
OP: OP 45	828	1557
OP: OP 46	1358	175
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0

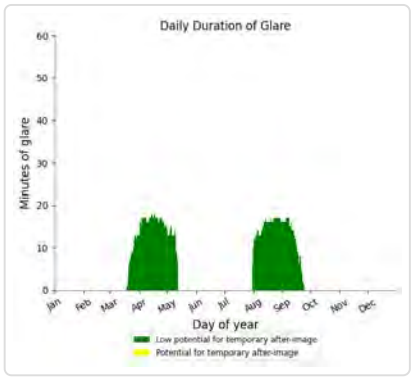
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

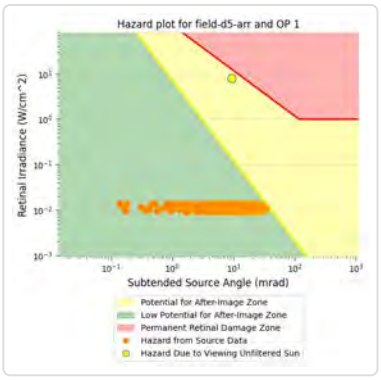
Field D5 Array: OP 1

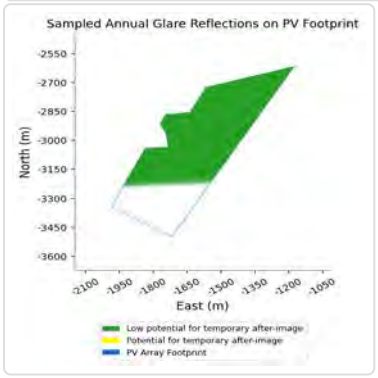
PV array is expected to produce the following glare for this receptor:

- 1,523 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





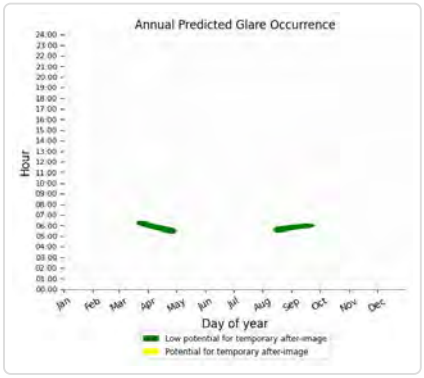


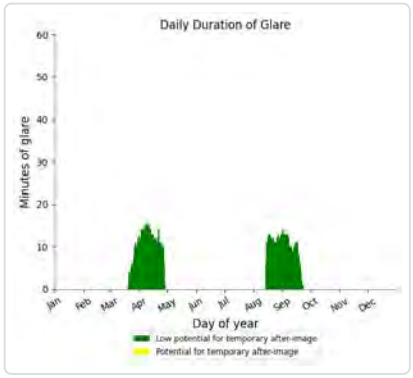


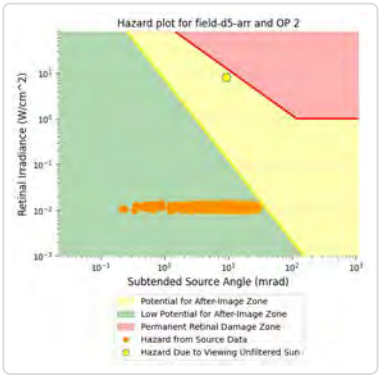
Field D5 Array: OP 2

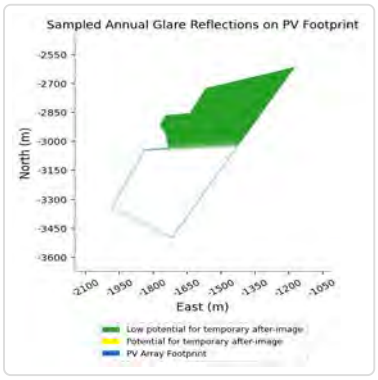
PV array is expected to produce the following glare for this receptor:

- 886 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





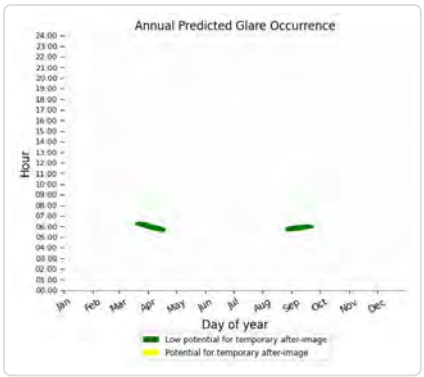


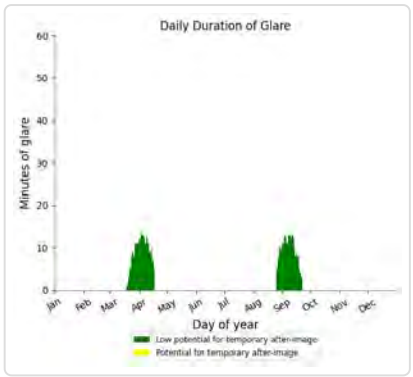


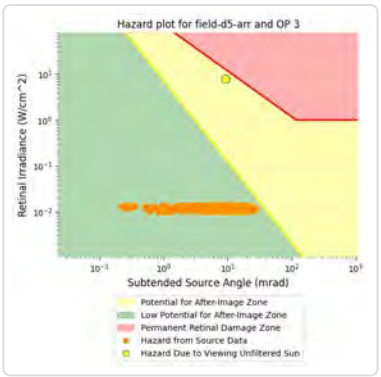
Field D5 Array: OP 3

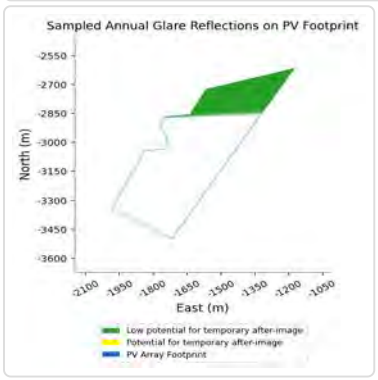
PV array is expected to produce the following glare for this receptor:

- 542 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





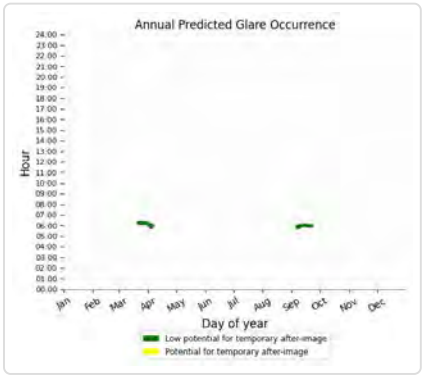


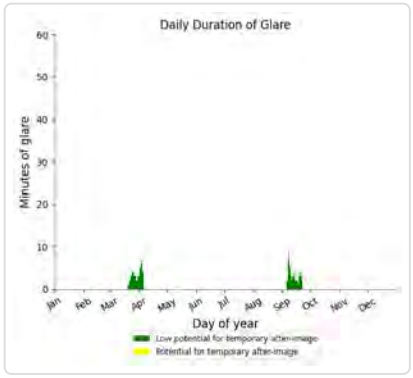


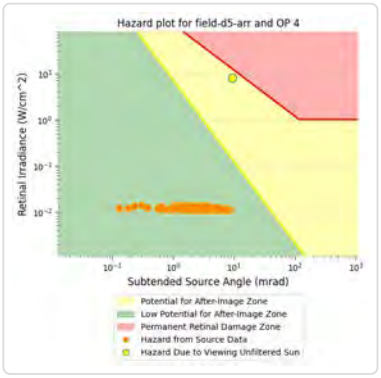
Field D5 Array: OP 4

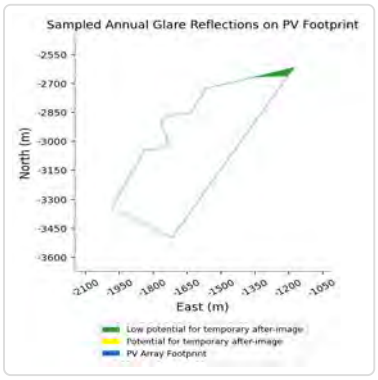
PV array is expected to produce the following glare for this receptor:

- 114 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









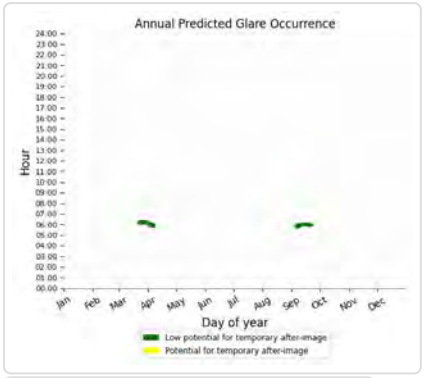
Field D5 Array: OP 5

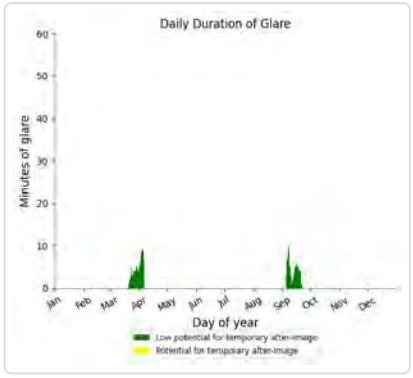
No glare found

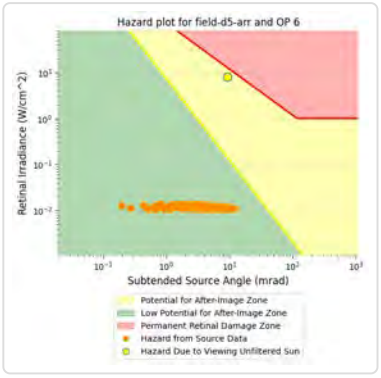
Field D5 Array: OP 6

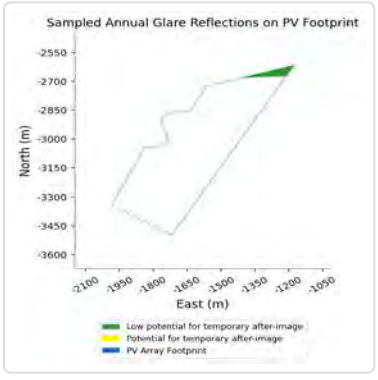
PV array is expected to produce the following glare for this receptor:

- 162 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





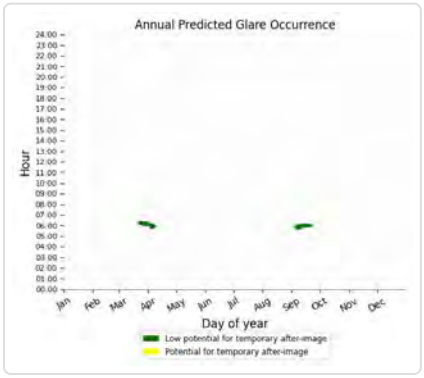


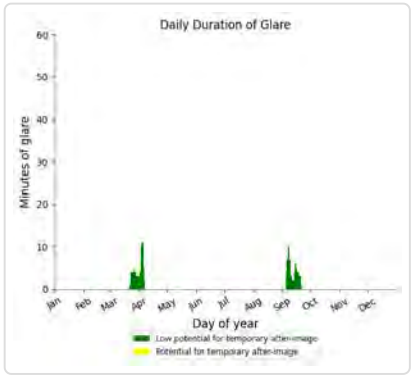


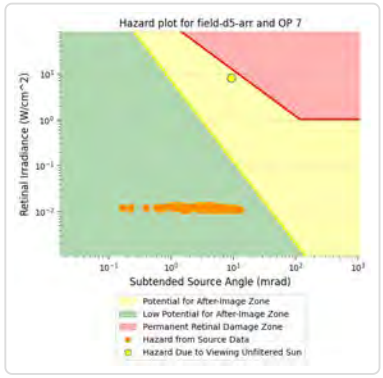
Field D5 Array: OP 7

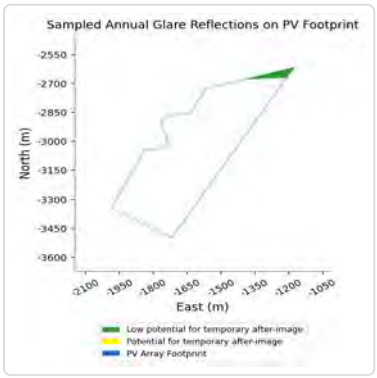
PV array is expected to produce the following glare for this receptor:

- 159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





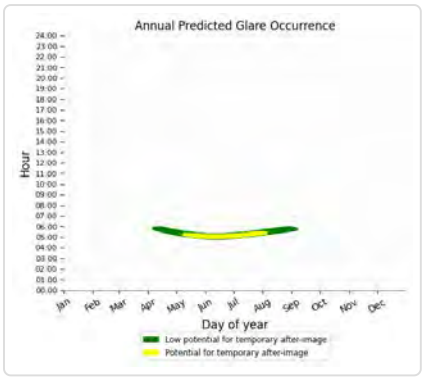


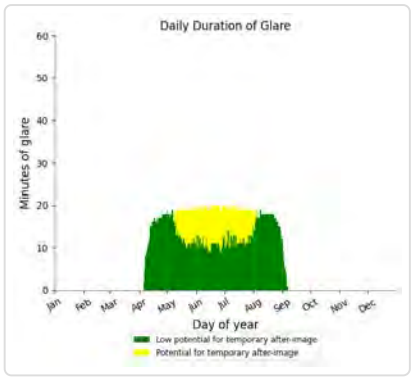


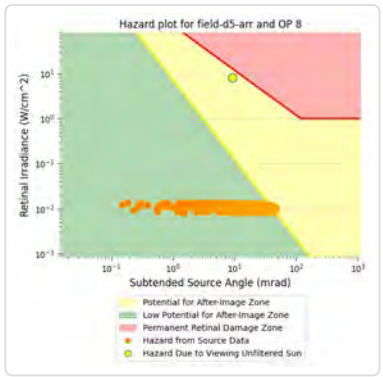
Field D5 Array: OP 8

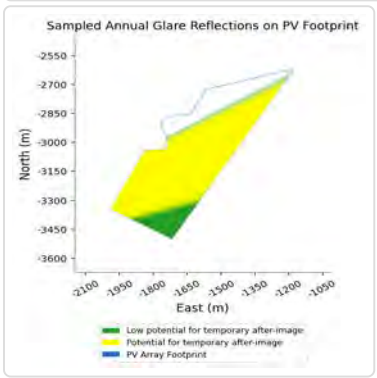
PV array is expected to produce the following glare for this receptor:

- 2,018 minutes of "green" glare with low potential to cause temporary after-image.
- 684 minutes of "yellow" glare with potential to cause temporary after-image.





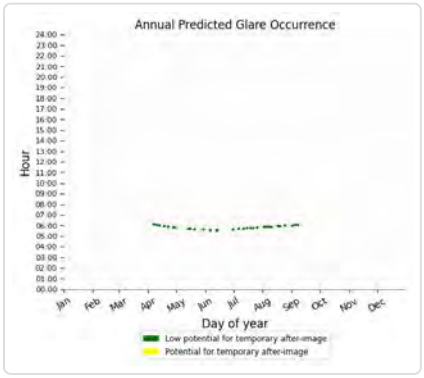


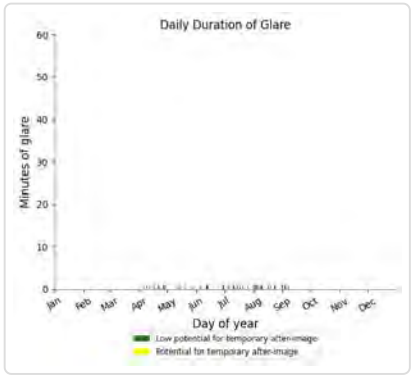


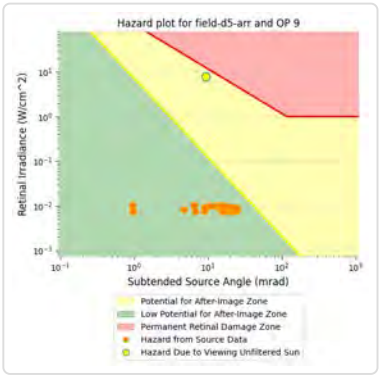
Field D5 Array: OP 9

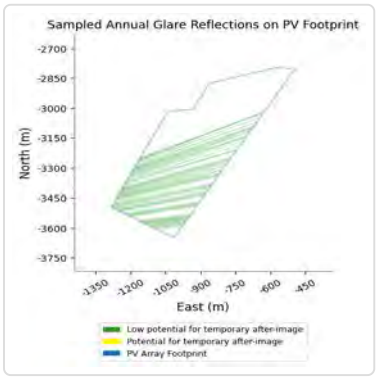
PV array is expected to produce the following glare for this receptor:

- 2,180 minutes of "green" glare with low potential to cause temporary after-image.
- 778 minutes of "yellow" glare with potential to cause temporary after-image.





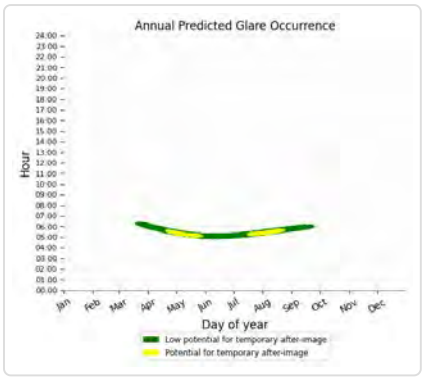


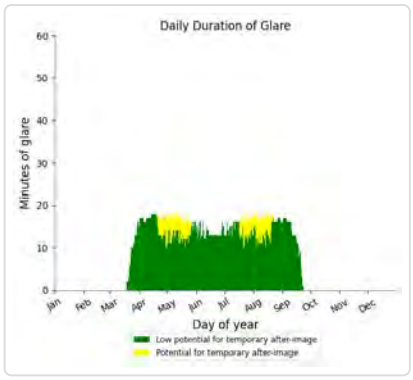


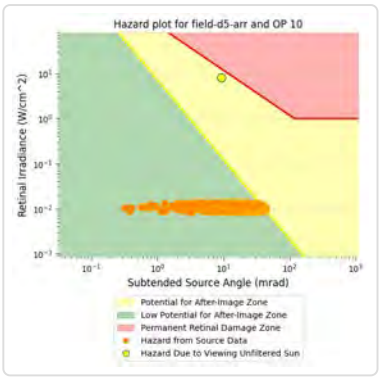
Field D5 Array: OP 10

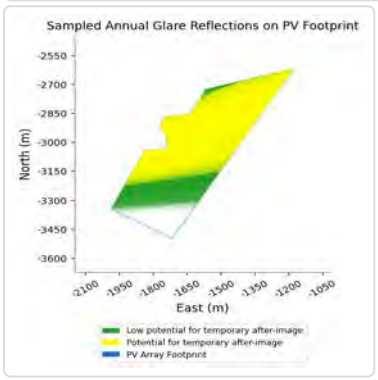
PV array is expected to produce the following glare for this receptor:

- 2,533 minutes of "green" glare with low potential to cause temporary after-image.
- 336 minutes of "yellow" glare with potential to cause temporary after-image.





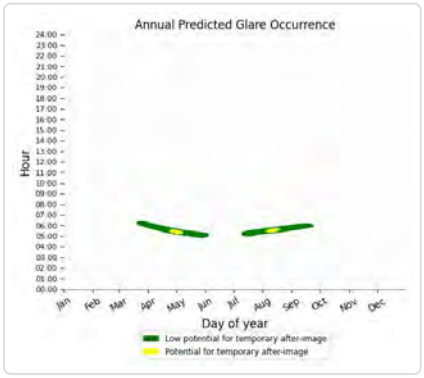


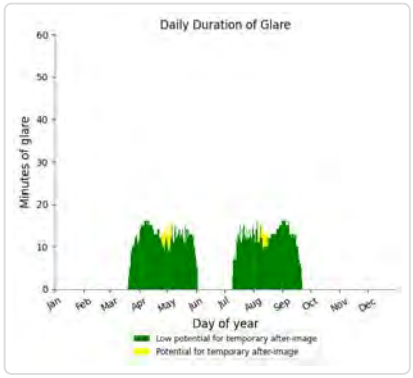


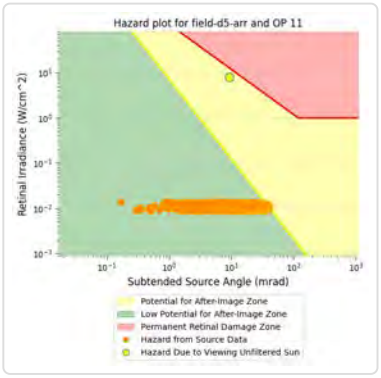
Field D5 Array: OP 11

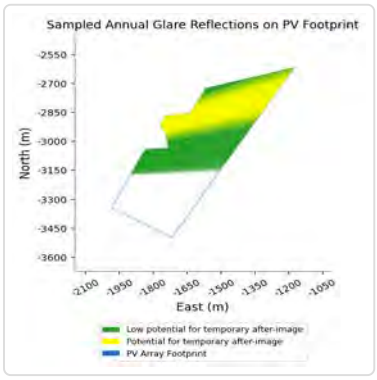
PV array is expected to produce the following glare for this receptor:

- 1,812 minutes of "green" glare with low potential to cause temporary after-image.
- 63 minutes of "yellow" glare with potential to cause temporary after-image.





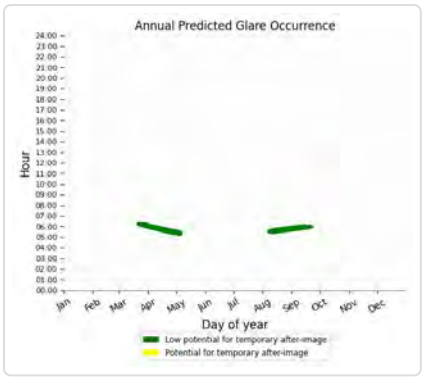


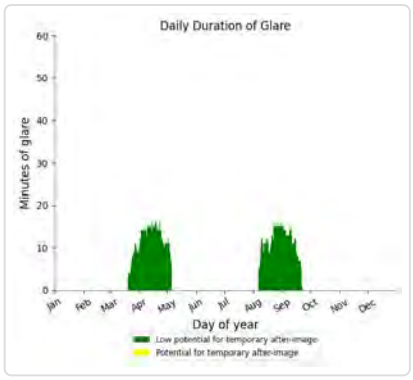


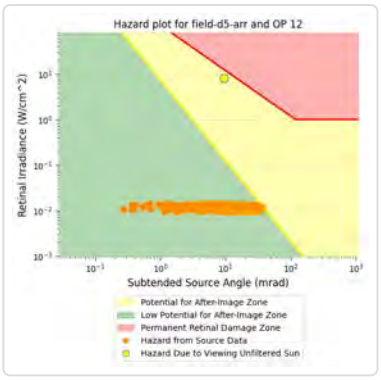
Field D5 Array: OP 12

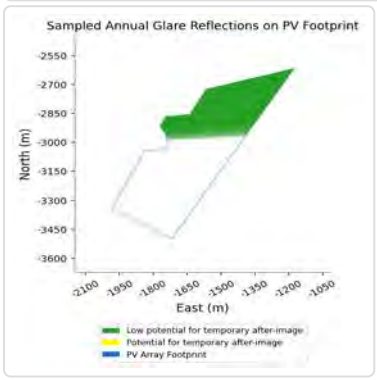
PV array is expected to produce the following glare for this receptor:

- 1,094 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





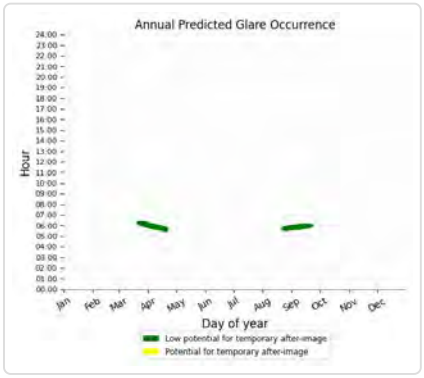


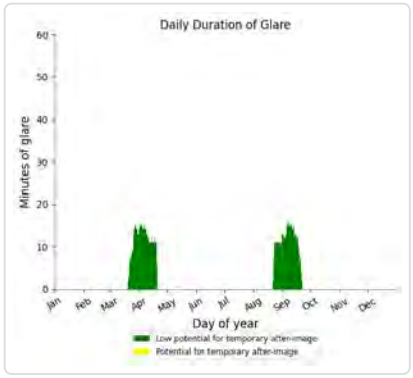


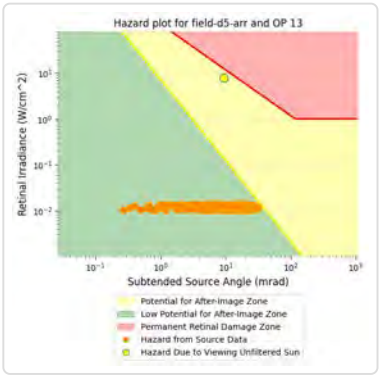
Field D5 Array: OP 13

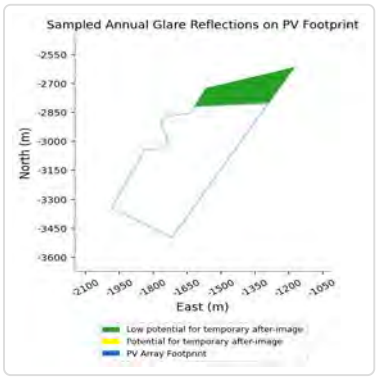
PV array is expected to produce the following glare for this receptor:

- 728 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





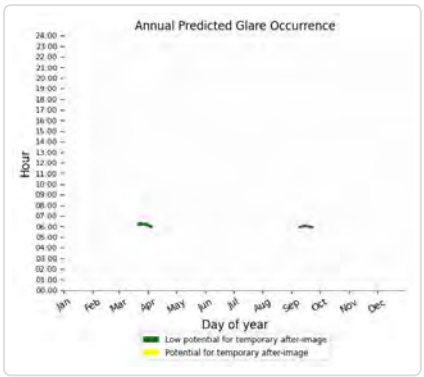


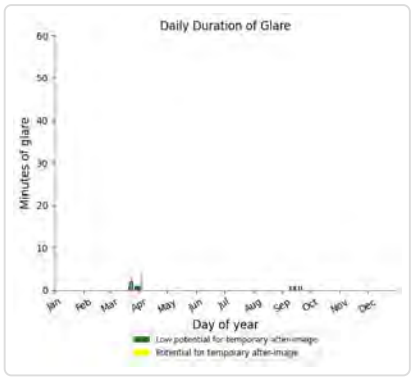


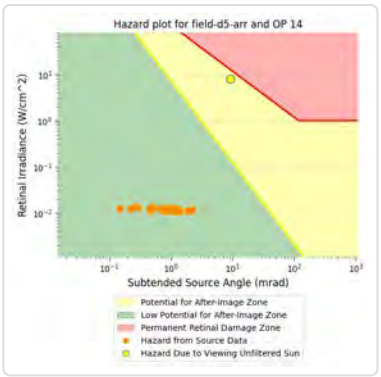
Field D5 Array: OP 14

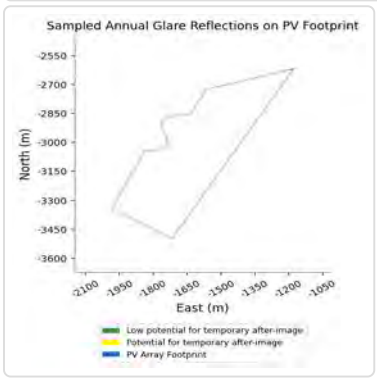
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 15

No glare found

Field D5 Array: OP 16

No glare found

Field D5 Array: OP 17

No glare found

Field D5 Array: OP 18

No glare found

Field D5 Array: OP 19

No glare found

Field D5 Array: OP 20

No glare found

Field D5 Array: OP 21

No glare found

Field D5 Array: OP 22

No glare found

Field D5 Array: OP 23

No glare found

Field D5 Array: OP 24

No glare found

Field D5 Array: OP 25

No glare found

Field D5 Array: OP 26

No glare found

Field D5 Array: OP 27

No glare found

Field D5 Array: OP 28

No glare found

Field D5 Array: OP 29

No glare found

Field D5 Array: OP 30

No glare found

Field D5 Array: OP 31

No glare found

Field D5 Array: OP 32

No glare found

Field D5 Array: OP 33

No glare found

Field D5 Array: OP 34

No glare found

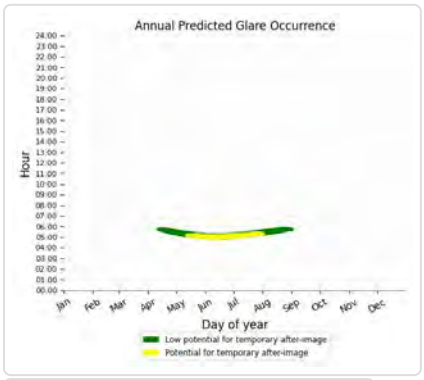
Field D5 Array: OP 35

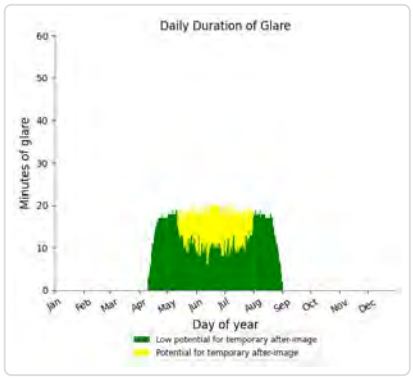
No glare found

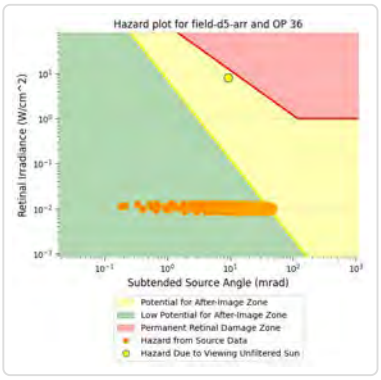
Field D5 Array: OP 36

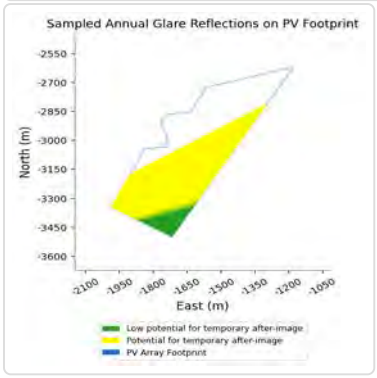
PV array is expected to produce the following glare for this receptor:

- 1,798 minutes of "green" glare with low potential to cause temporary after-image.
- 666 minutes of "yellow" glare with potential to cause temporary after-image.





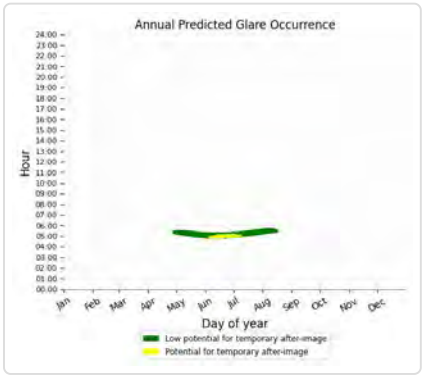


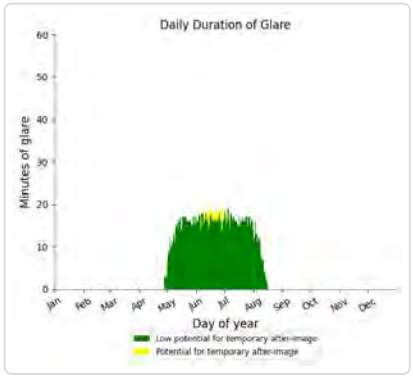


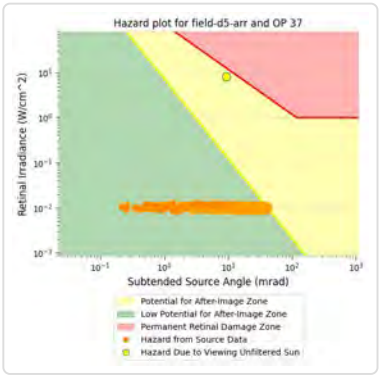
Field D5 Array: OP 37

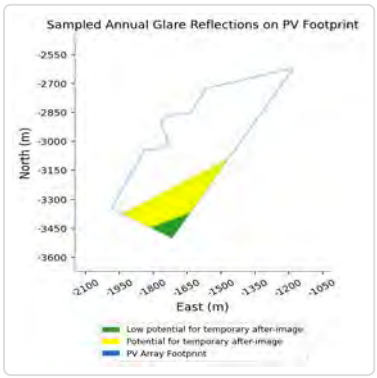
PV array is expected to produce the following glare for this receptor:

- 1,582 minutes of "green" glare with low potential to cause temporary after-image.
- 50 minutes of "yellow" glare with potential to cause temporary after-image.





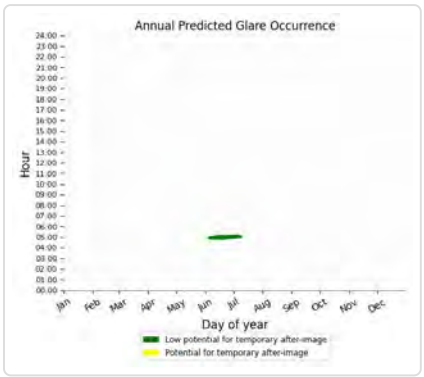




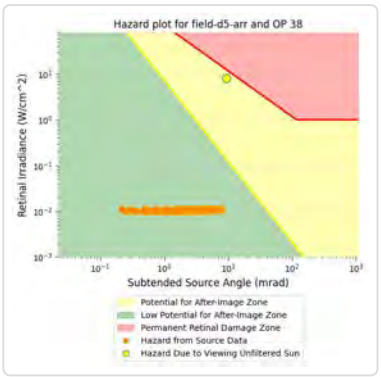
Field D5 Array: OP 38

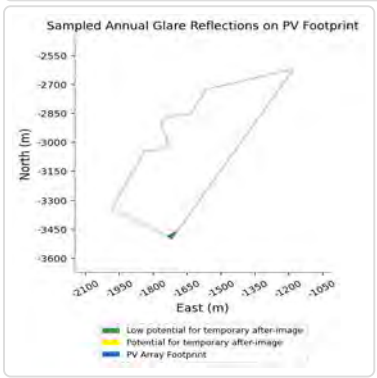
PV array is expected to produce the following glare for this receptor:

- 166 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 39

No glare found

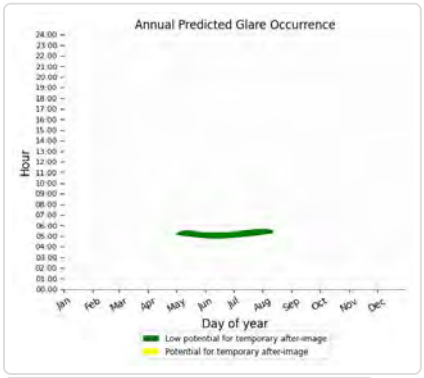
Field D5 Array: OP 40

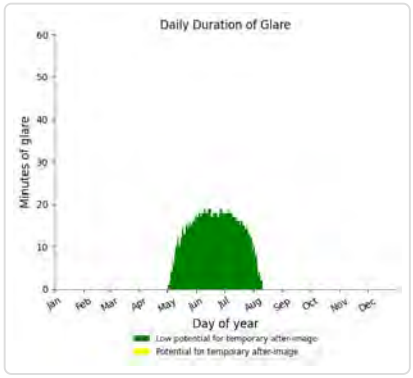
No glare found

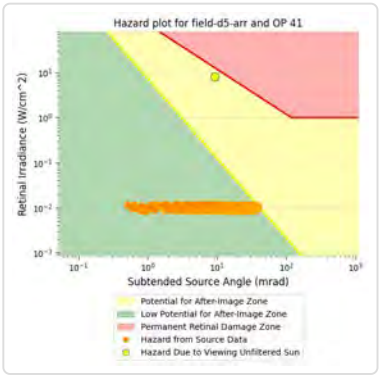
Field D5 Array: OP 41

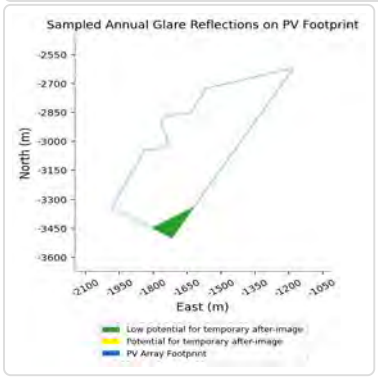
PV array is expected to produce the following glare for this receptor:

- 1,420 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





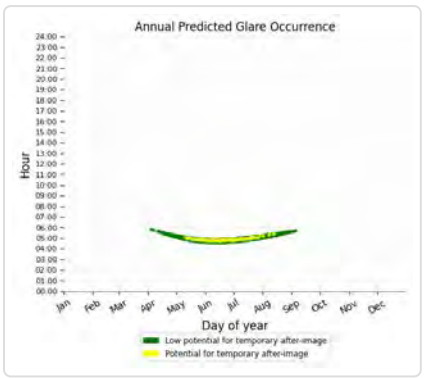


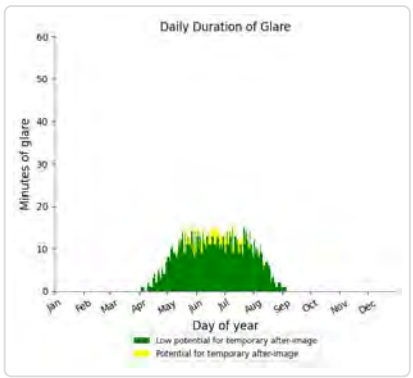


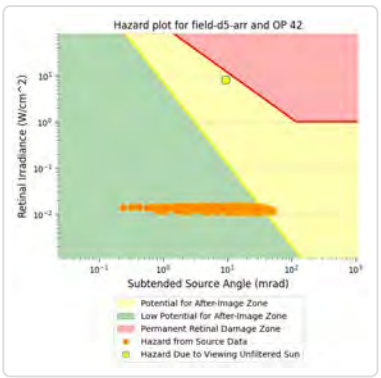
Field D5 Array: OP 42

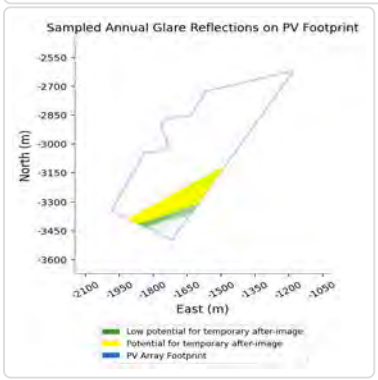
PV array is expected to produce the following glare for this receptor:

- 1,273 minutes of "green" glare with low potential to cause temporary after-image.
- 133 minutes of "yellow" glare with potential to cause temporary after-image.





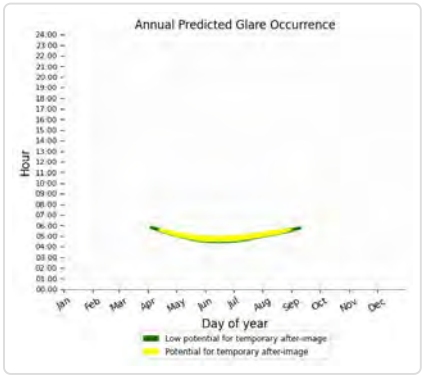


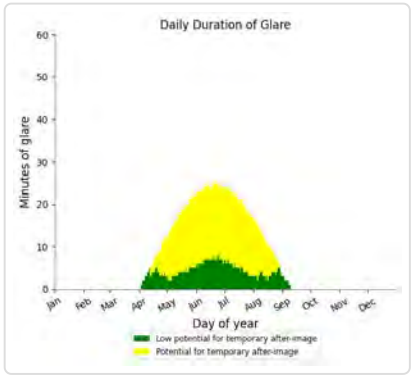


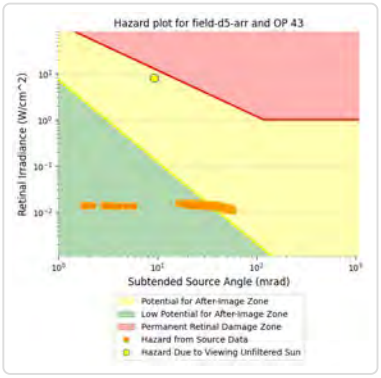
Field D5 Array: OP 43

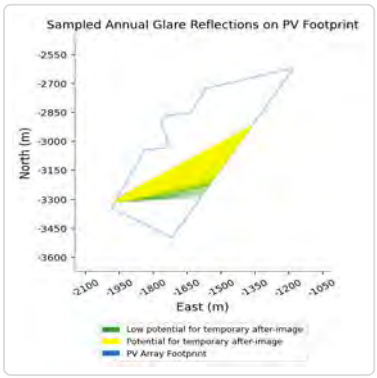
PV array is expected to produce the following glare for this receptor:

- 685 minutes of "green" glare with low potential to cause temporary after-image.
- 1,777 minutes of "yellow" glare with potential to cause temporary after-image.





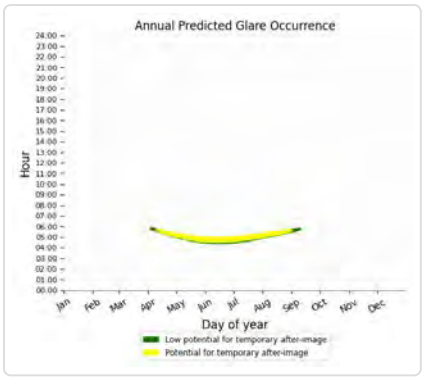


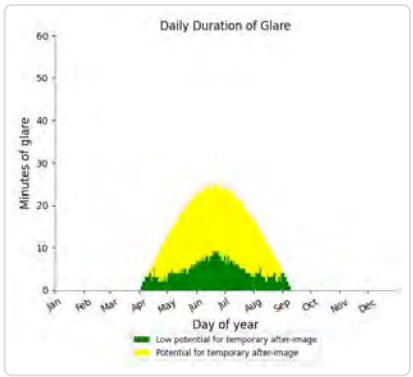


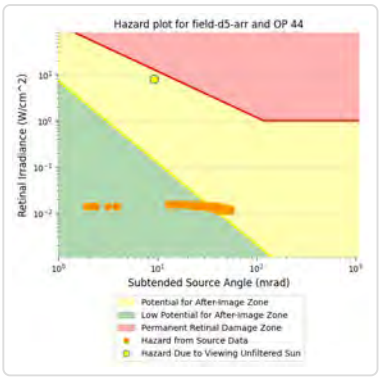
Field D5 Array: OP 44

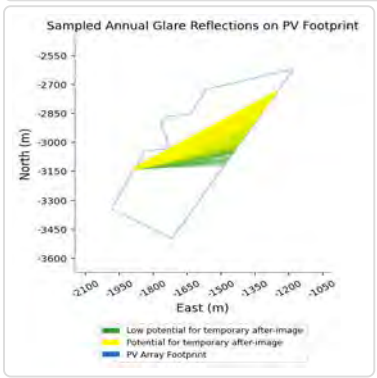
PV array is expected to produce the following glare for this receptor:

- 743 minutes of "green" glare with low potential to cause temporary after-image.
- 1,732 minutes of "yellow" glare with potential to cause temporary after-image.





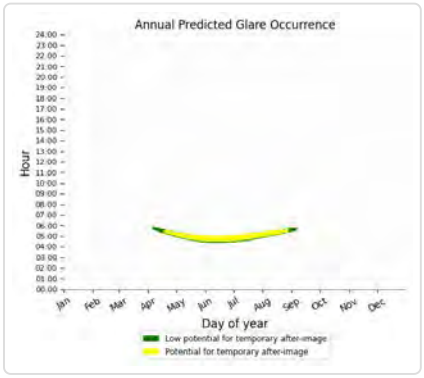


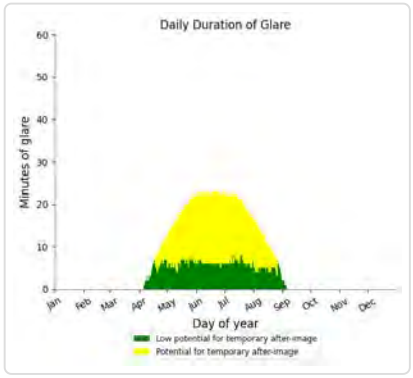


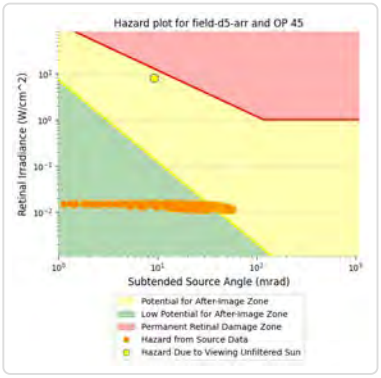
Field D5 Array: OP 45

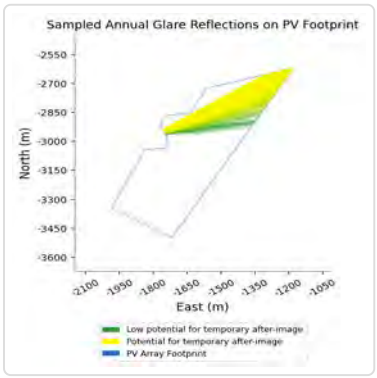
PV array is expected to produce the following glare for this receptor:

- 828 minutes of "green" glare with low potential to cause temporary after-image.
- 1,557 minutes of "yellow" glare with potential to cause temporary after-image.





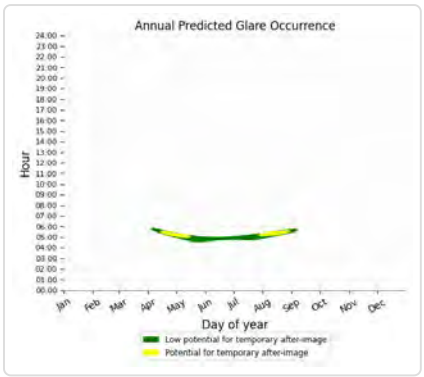


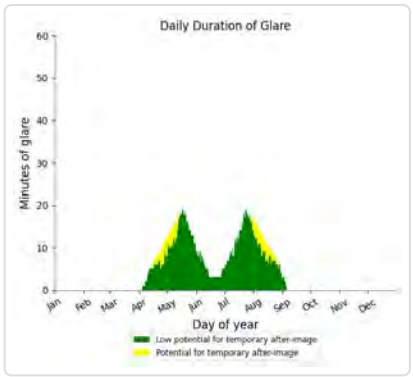


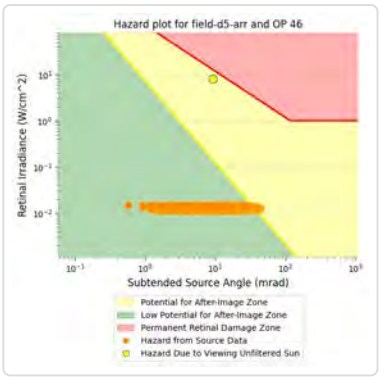
Field D5 Array: OP 46

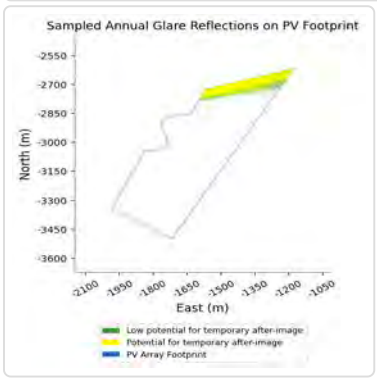
PV array is expected to produce the following glare for this receptor:

- 1,358 minutes of "green" glare with low potential to cause temporary after-image.
- 175 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 47

No glare found

Field D5 Array: OP 48

No glare found

Field D5 Array: OP 49

No glare found

Field D5 Array: OP 50

No glare found

Field D5 Array: OP 51

No glare found

Field D5 Array: OP 52

No glare found

Field D5 Array: OP 53

No glare found

Field D5 Array: OP 54

No glare found

Field D5 Array: OP 55

No glare found

Field D5 Array: OP 56

No glare found

Field D5 Array: OP 57

No glare found

Field D5 Array: OP 58

No glare found

Field D5 Array: OP 59

No glare found

Field D5 Array: OP 60

No glare found

Field D5 Array: OP 61

No glare found

Field D5 Array: OP 62

No glare found

Field D5 Array: OP 63

No glare found

Field D5 Array: OP 64

No glare found

Field D5 Array: OP 65

No glare found

Field D5 Array: OP 66

No glare found

Field D5 Array: OP 67

No glare found

Field D5 Array: OP 68

No glare found

Field D5 Array: OP 69

No glare found

Field D6 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	429	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	117	0
OP: OP 7	135	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	1067	100
OP: OP 11	1797	289
OP: OP 12	1814	197
OP: OP 13	635	30
OP: OP 14	203	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0

OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	1296	1458
OP: OP 45	883	1885
OP: OP 46	921	1821
OP: OP 47	602	2181
OP: OP 48	1840	848
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

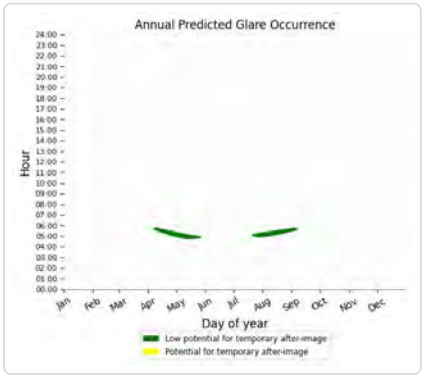
Field D6 Array: OP 1

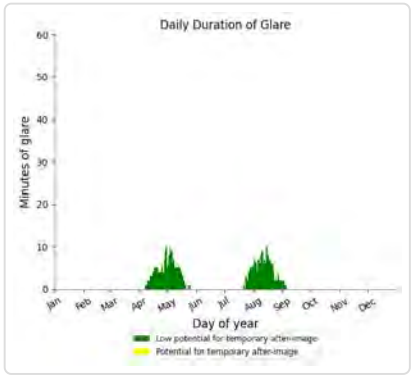
No glare found

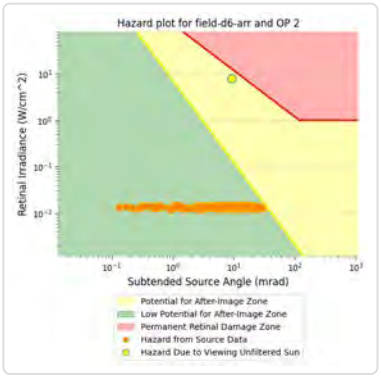
Field D6 Array: OP 2

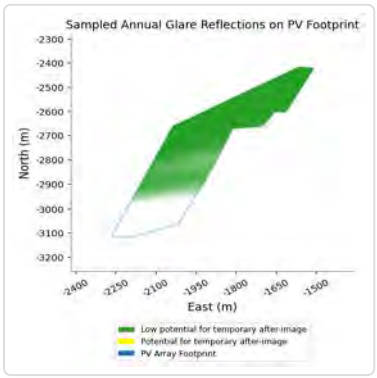
PV array is expected to produce the following glare for this receptor:

- 429 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 3

No glare found

Field D6 Array: OP 4

No glare found

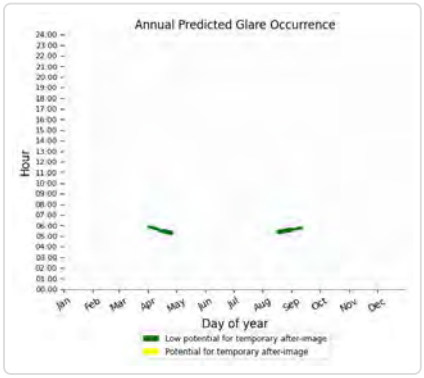
Field D6 Array: OP 5

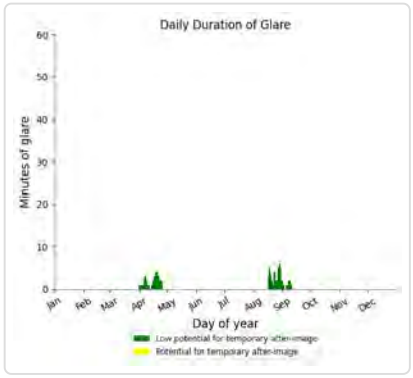
No glare found

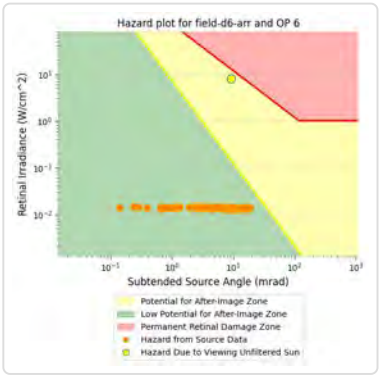
Field D6 Array: OP 6

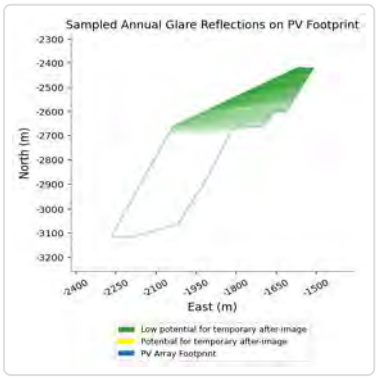
PV array is expected to produce the following glare for this receptor:

- 117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





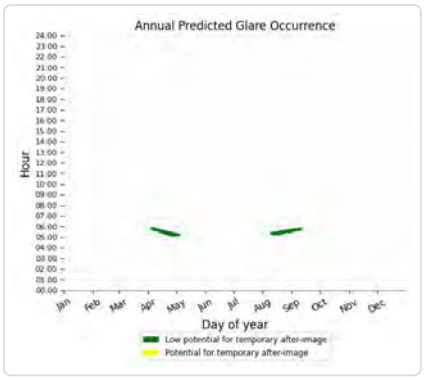


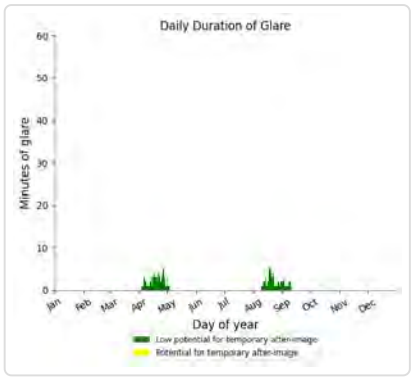


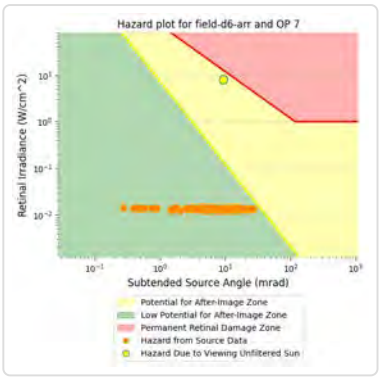
Field D6 Array: OP 7

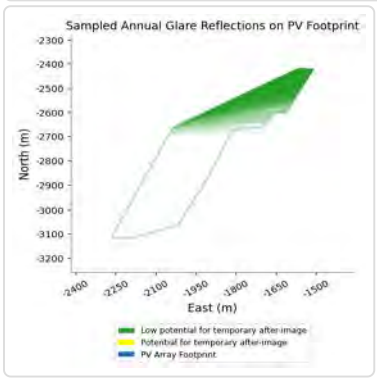
PV array is expected to produce the following glare for this receptor:

- 135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 8

No glare found

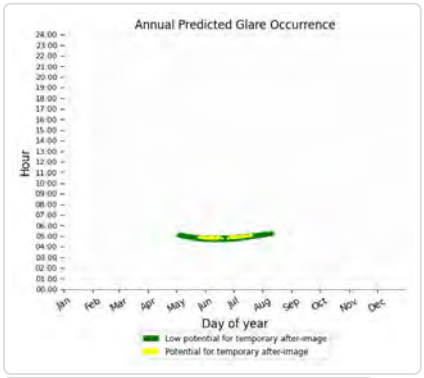
Field D6 Array: OP 9

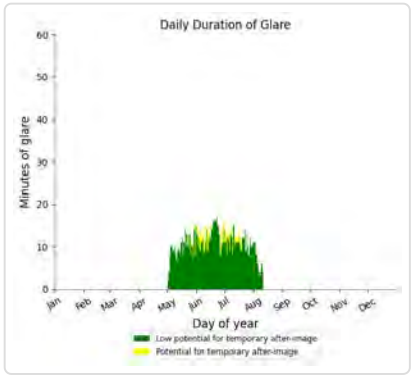
No glare found

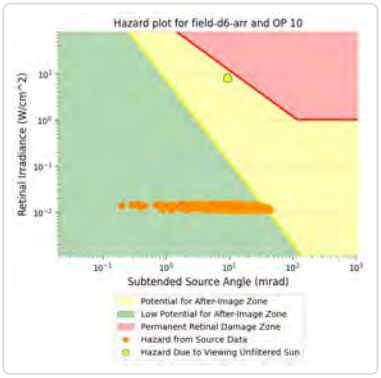
Field D6 Array: OP 10

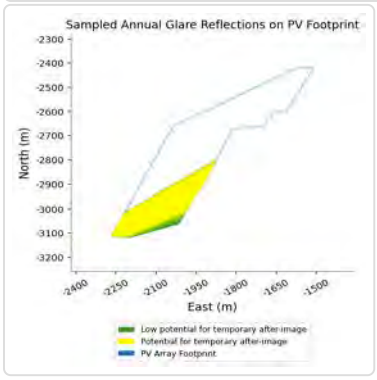
PV array is expected to produce the following glare for this receptor:

- 1,067 minutes of "green" glare with low potential to cause temporary after-image.
- 100 minutes of "yellow" glare with potential to cause temporary after-image.





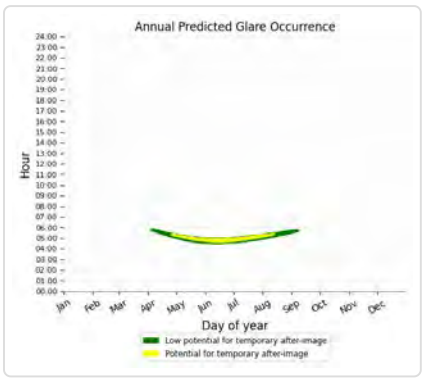


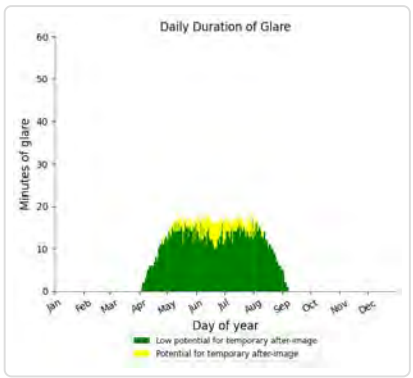


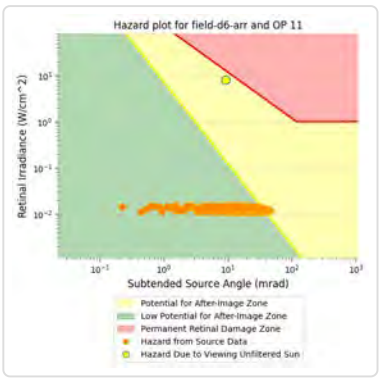
Field D6 Array: OP 11

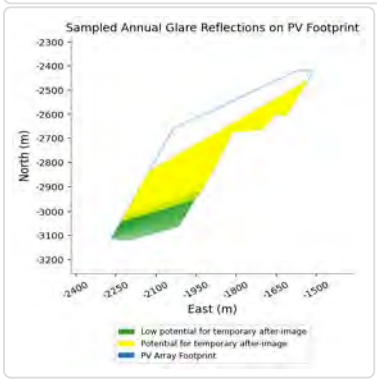
PV array is expected to produce the following glare for this receptor:

- 1,797 minutes of "green" glare with low potential to cause temporary after-image.
- 289 minutes of "yellow" glare with potential to cause temporary after-image.





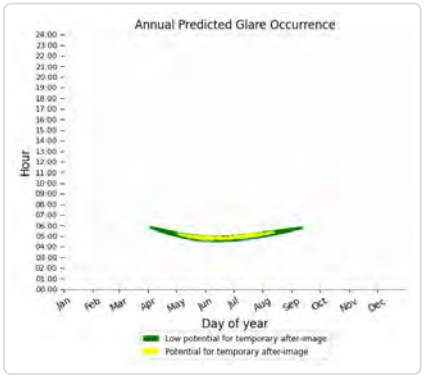


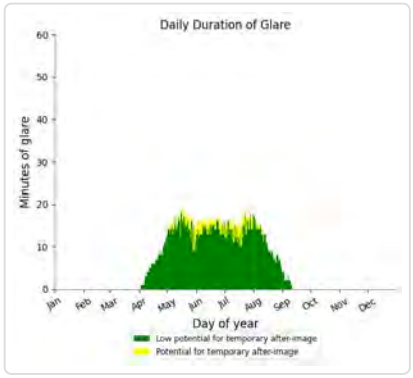


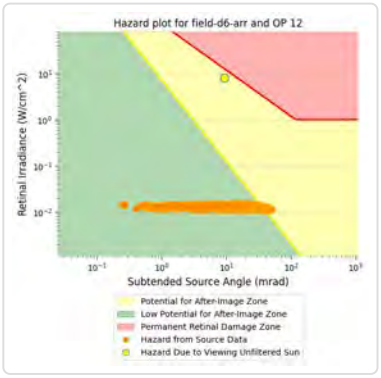
Field D6 Array: OP 12

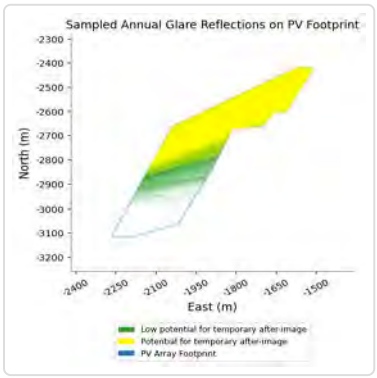
PV array is expected to produce the following glare for this receptor:

- 1,814 minutes of "green" glare with low potential to cause temporary after-image.
- 197 minutes of "yellow" glare with potential to cause temporary after-image.





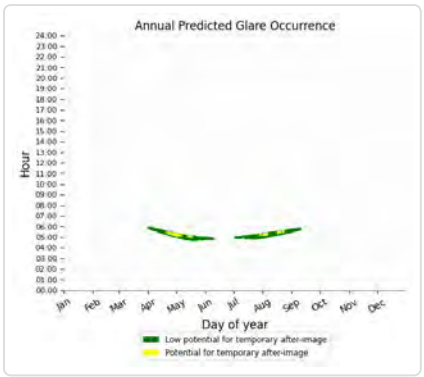


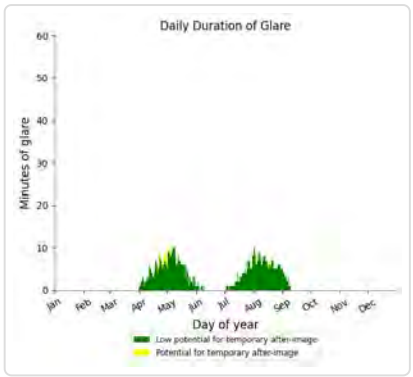


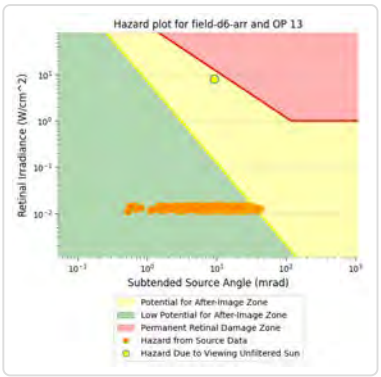
Field D6 Array: OP 13

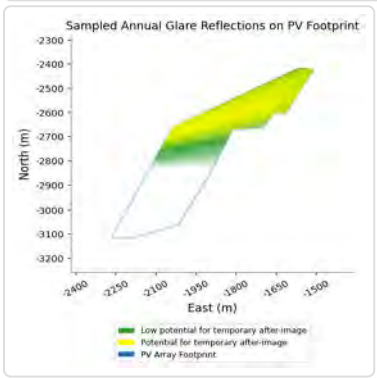
PV array is expected to produce the following glare for this receptor:

- 635 minutes of "green" glare with low potential to cause temporary after-image.
- 30 minutes of "yellow" glare with potential to cause temporary after-image.





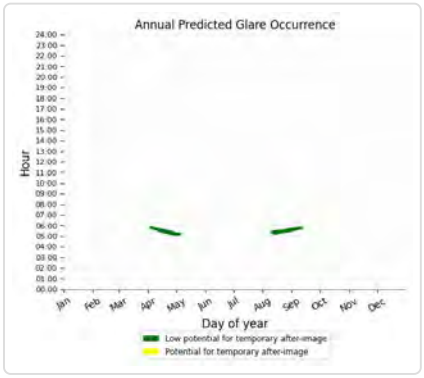


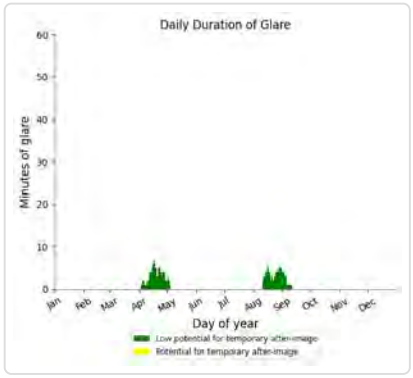


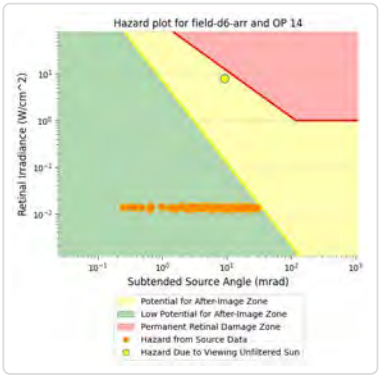
Field D6 Array: OP 14

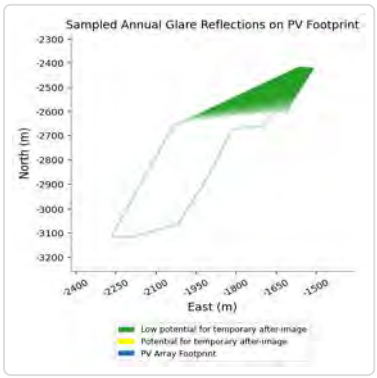
PV array is expected to produce the following glare for this receptor:

- 203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 15

No glare found

Field D6 Array: OP 16

No glare found

Field D6 Array: OP 17

No glare found

Field D6 Array: OP 18

No glare found

Field D6 Array: OP 19

No glare found

Field D6 Array: OP 20

No glare found

Field D6 Array: OP 21

No glare found

Field D6 Array: OP 22

No glare found

Field D6 Array: OP 23

No glare found

Field D6 Array: OP 24

No glare found

Field D6 Array: OP 25

No glare found

Field D6 Array: OP 26

No glare found

Field D6 Array: OP 27

No glare found

Field D6 Array: OP 28

No glare found

Field D6 Array: OP 29

No glare found

Field D6 Array: OP 30

No glare found

Field D6 Array: OP 31

No glare found

Field D6 Array: OP 32

No glare found

Field D6 Array: OP 33

No glare found

Field D6 Array: OP 34

No glare found

Field D6 Array: OP 35

No glare found

Field D6 Array: OP 36

No glare found

Field D6 Array: OP 37

No glare found

Field D6 Array: OP 38

No glare found

Field D6 Array: OP 39

No glare found

Field D6 Array: OP 40

No glare found

Field D6 Array: OP 41

No glare found

Field D6 Array: OP 42

No glare found

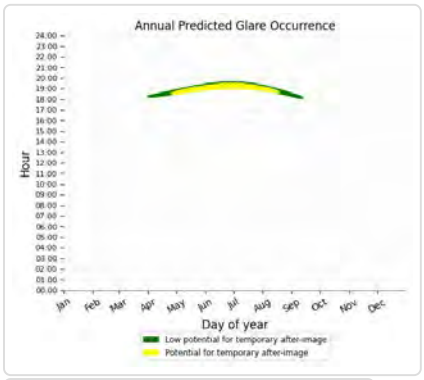
Field D6 Array: OP 43

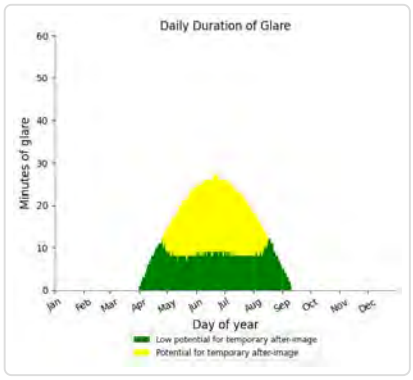
No glare found

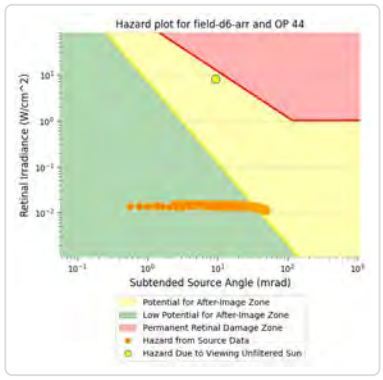
Field D6 Array: OP 44

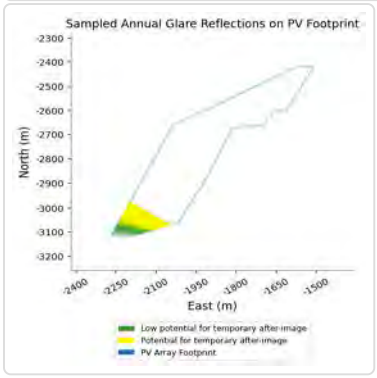
PV array is expected to produce the following glare for this receptor:

- 1,296 minutes of "green" glare with low potential to cause temporary after-image.
- 1,458 minutes of "yellow" glare with potential to cause temporary after-image.





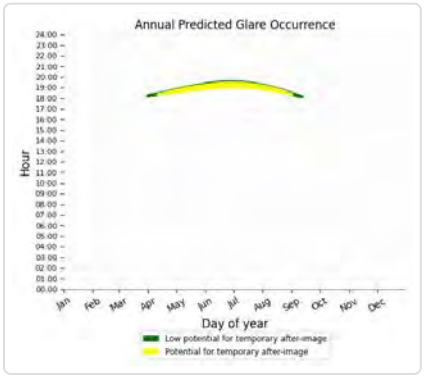


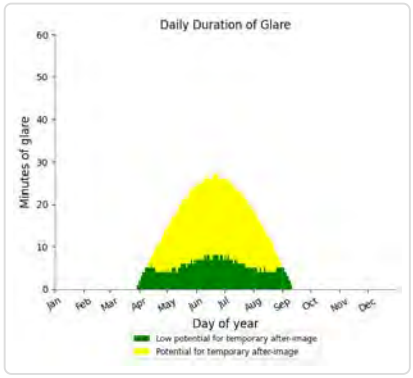


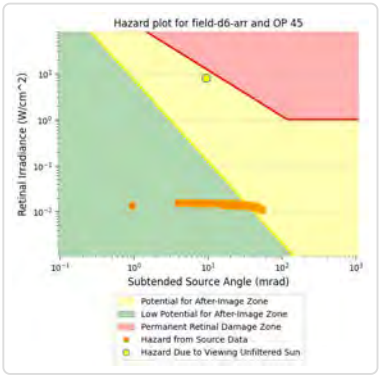
Field D6 Array: OP 45

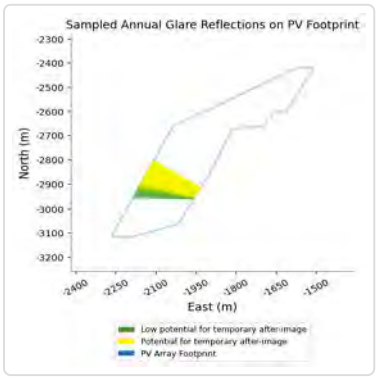
PV array is expected to produce the following glare for this receptor:

- 883 minutes of "green" glare with low potential to cause temporary after-image.
- 1,885 minutes of "yellow" glare with potential to cause temporary after-image.





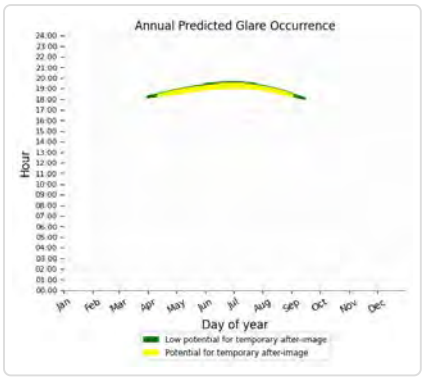


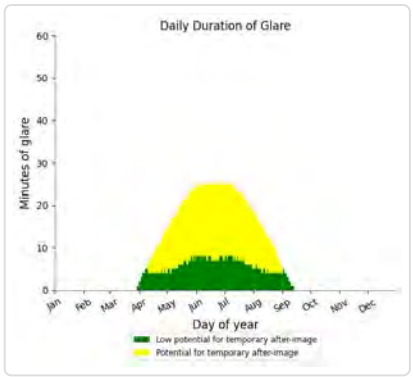


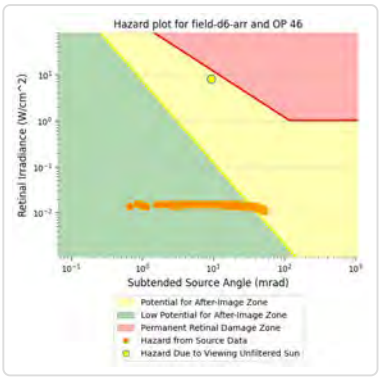
Field D6 Array: OP 46

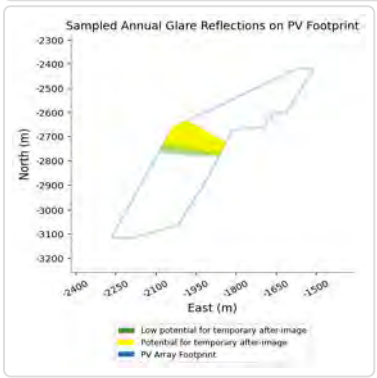
PV array is expected to produce the following glare for this receptor:

- 921 minutes of "green" glare with low potential to cause temporary after-image.
- 1,821 minutes of "yellow" glare with potential to cause temporary after-image.





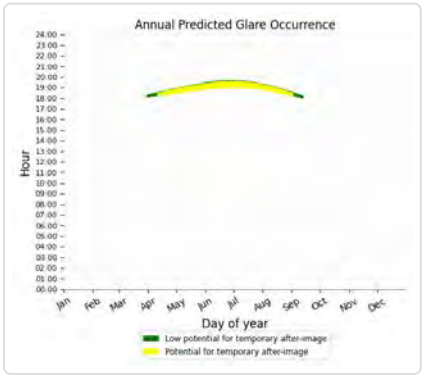


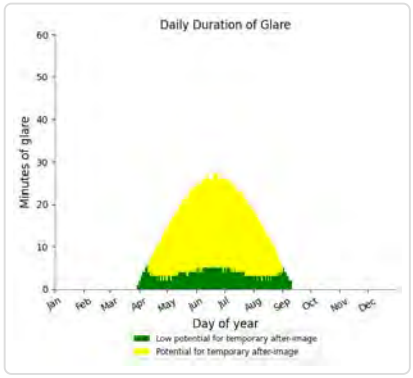


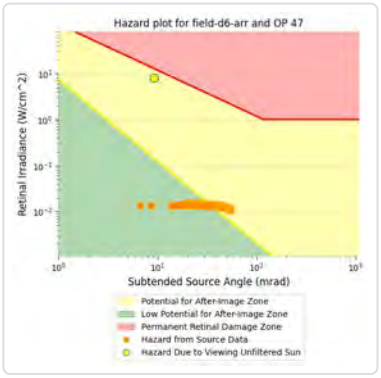
Field D6 Array: OP 47

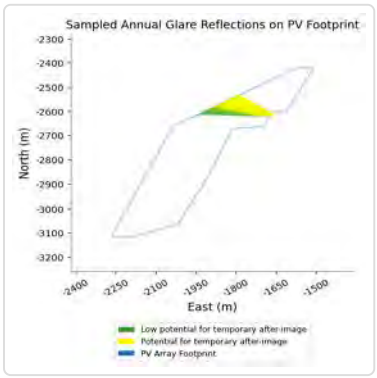
PV array is expected to produce the following glare for this receptor:

- 602 minutes of "green" glare with low potential to cause temporary after-image.
- 2,181 minutes of "yellow" glare with potential to cause temporary after-image.





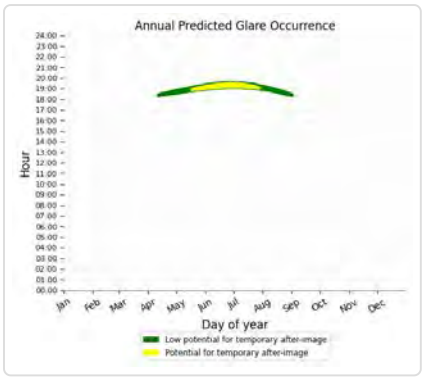


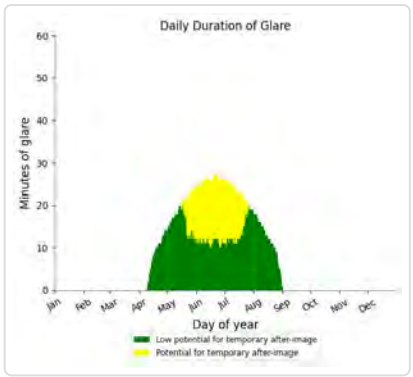


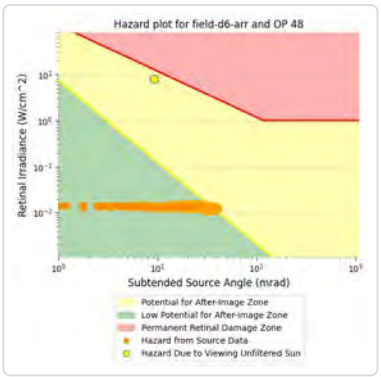
Field D6 Array: OP 48

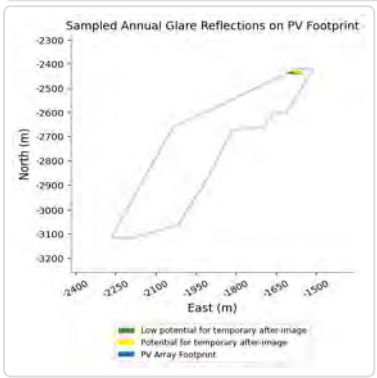
PV array is expected to produce the following glare for this receptor:

- 1,840 minutes of "green" glare with low potential to cause temporary after-image.
- 848 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 49

No glare found

Field D6 Array: OP 50

No glare found

Field D6 Array: OP 51

No glare found

Field D6 Array: OP 52

No glare found

Field D6 Array: OP 53

No glare found

Field D6 Array: OP 54

No glare found

Field D6 Array: OP 55

No glare found

Field D6 Array: OP 56

No glare found

Field D6 Array: OP 57

No glare found

Field D6 Array: OP 58

No glare found

Field D6 Array: OP 59

No glare found

Field D6 Array: OP 60

No glare found

Field D6 Array: OP 61

No glare found

Field D6 Array: OP 62

No glare found

Field D6 Array: OP 63

No glare found

Field D6 Array: OP 64

No glare found

Field D6 Array: OP 65

No glare found

Field D6 Array: OP 66

No glare found

Field D6 Array: OP 67

No glare found

Field D6 Array: OP 68

No glare found

Field D6 Array: OP 69

No glare found

Field D7 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	370	0
OP: OP 5	238	0
OP: OP 6	0	0
OP: OP 7	327	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	27	0
OP: OP 11	856	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	409	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0

OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	605	0
OP: OP 46	1139	791
OP: OP 47	667	1956
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

Field D7 Array: OP 1

No glare found

Field D7 Array: OP 2

No glare found

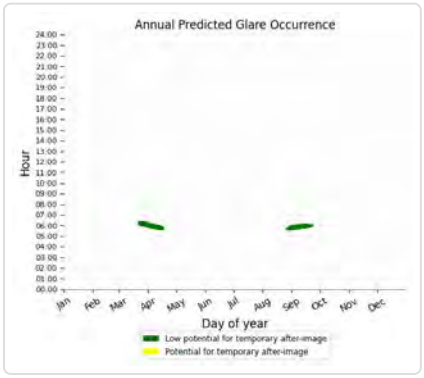
Field D7 Array: OP 3

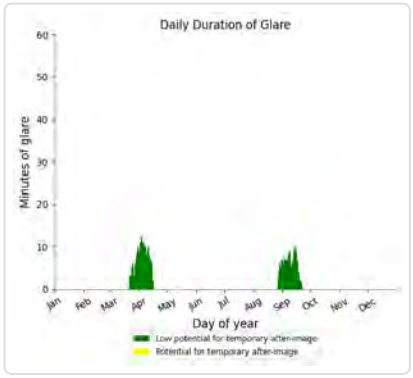
No glare found

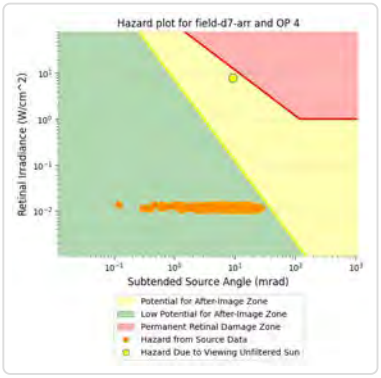
Field D7 Array: OP 4

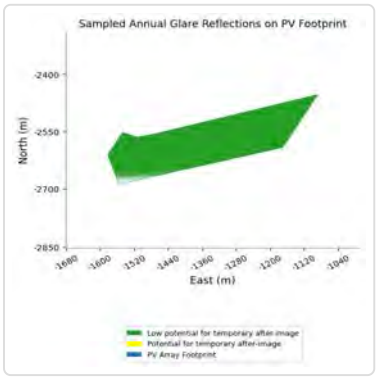
PV array is expected to produce the following glare for this receptor:

- 370 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





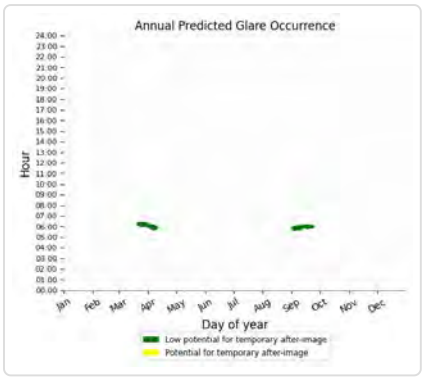


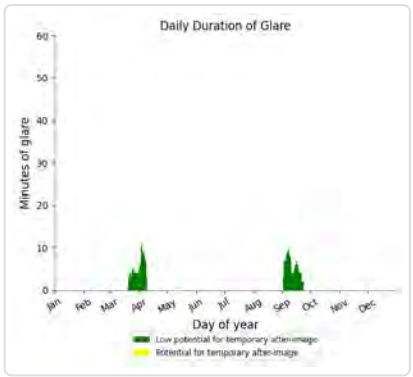


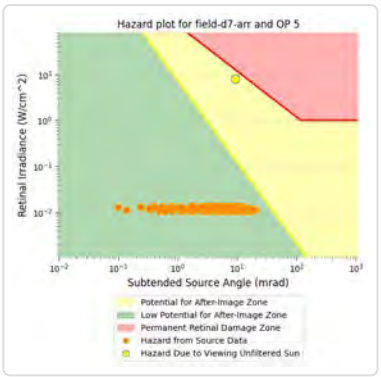
Field D7 Array: OP 5

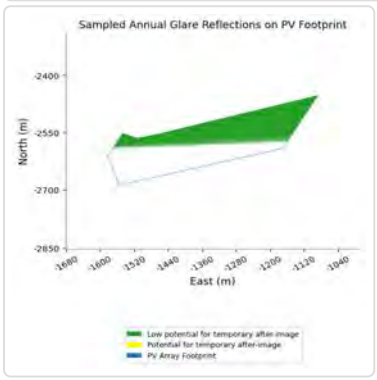
PV array is expected to produce the following glare for this receptor:

- 238 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









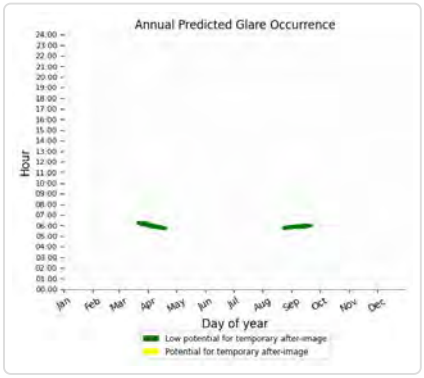
Field D7 Array: OP 6

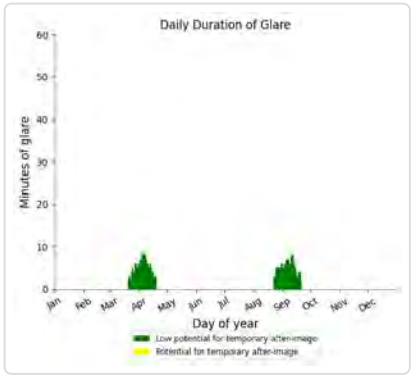
No glare found

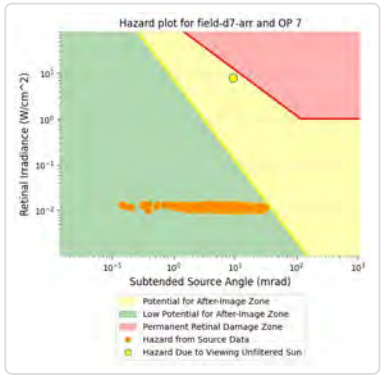
Field D7 Array: OP 7

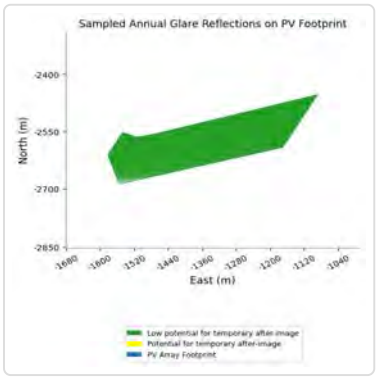
PV array is expected to produce the following glare for this receptor:

- 327 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 8

No glare found

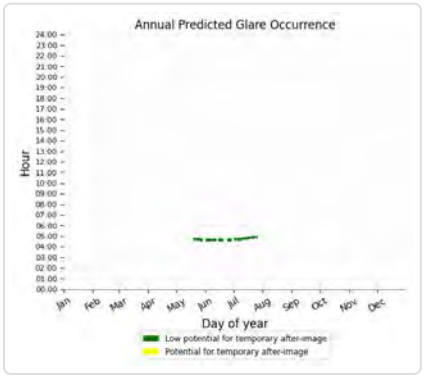
Field D7 Array: OP 9

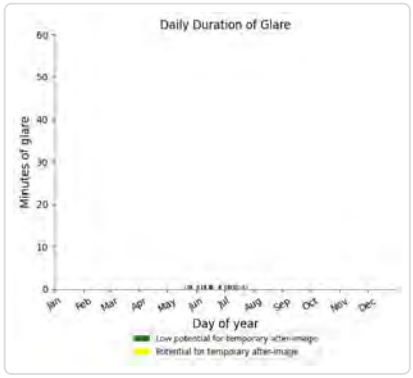
No glare found

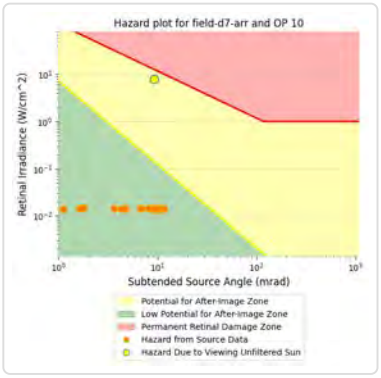
Field D7 Array: OP 10

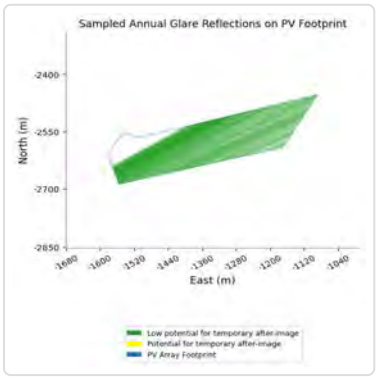
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





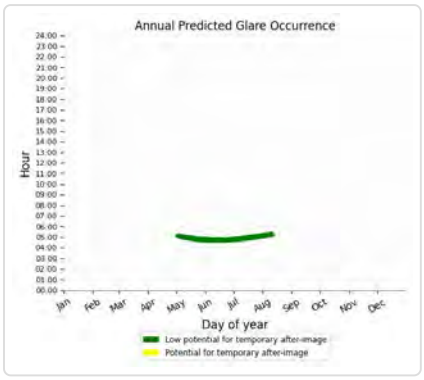


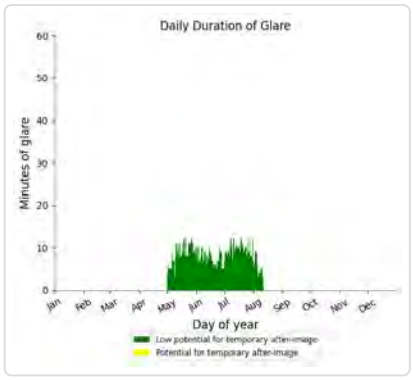


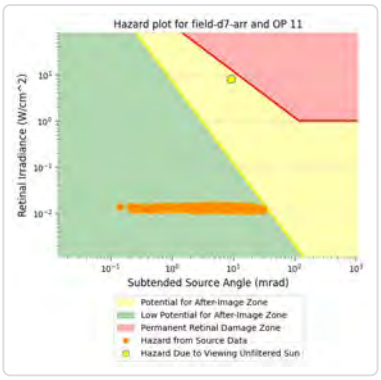
Field D7 Array: OP 11

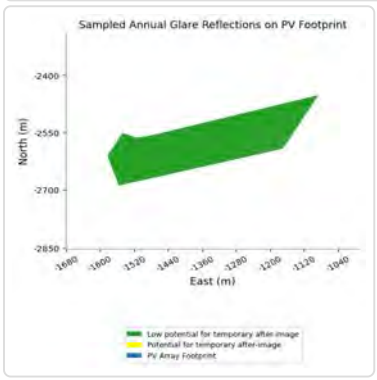
PV array is expected to produce the following glare for this receptor:

- 856 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 12

No glare found

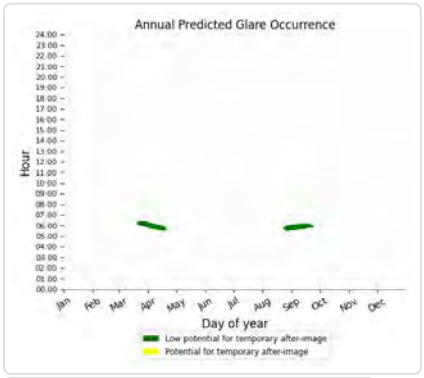
Field D7 Array: OP 13

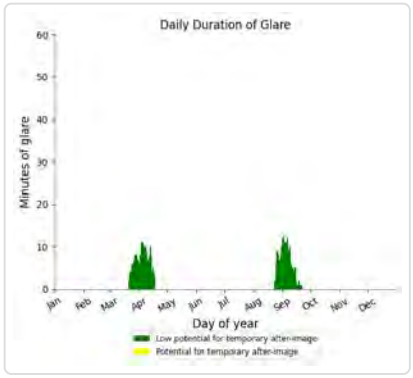
No glare found

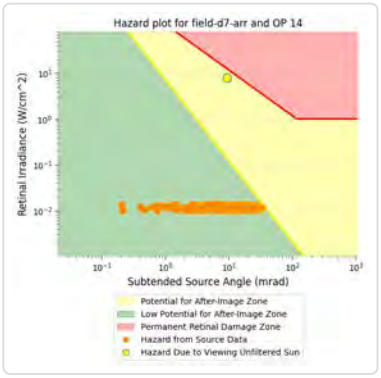
Field D7 Array: OP 14

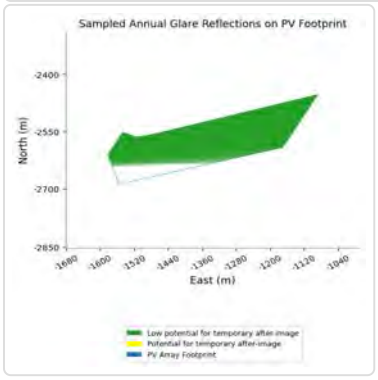
PV array is expected to produce the following glare for this receptor:

- 409 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 15

No glare found

Field D7 Array: OP 16

No glare found

Field D7 Array: OP 17

No glare found

Field D7 Array: OP 18

No glare found

Field D7 Array: OP 19

No glare found

Field D7 Array: OP 20

No glare found

Field D7 Array: OP 21

No glare found

Field D7 Array: OP 22

No glare found

Field D7 Array: OP 23

No glare found

Field D7 Array: OP 24

No glare found

Field D7 Array: OP 25

No glare found

Field D7 Array: OP 26

No glare found

Field D7 Array: OP 27

No glare found

Field D7 Array: OP 28

No glare found

Field D7 Array: OP 29

No glare found

Field D7 Array: OP 30

No glare found

Field D7 Array: OP 31

No glare found

Field D7 Array: OP 32

No glare found

Field D7 Array: OP 33

No glare found

Field D7 Array: OP 34

No glare found

Field D7 Array: OP 35

No glare found

Field D7 Array: OP 36

No glare found

Field D7 Array: OP 37

No glare found

Field D7 Array: OP 38

No glare found

Field D7 Array: OP 39

No glare found

Field D7 Array: OP 40

No glare found

Field D7 Array: OP 41

No glare found

Field D7 Array: OP 42

No glare found

Field D7 Array: OP 43

No glare found

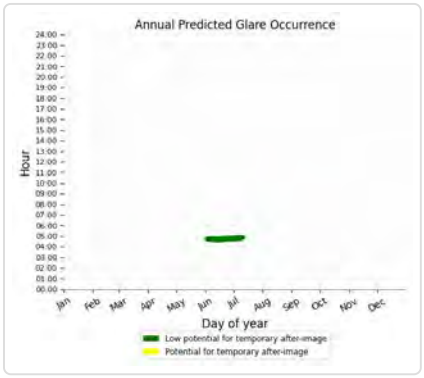
Field D7 Array: OP 44

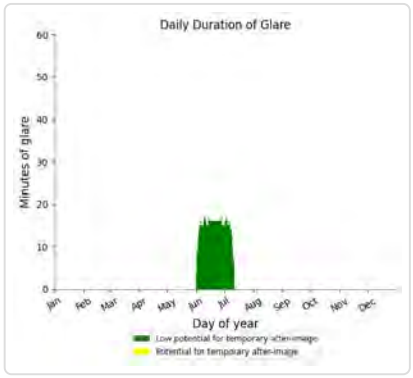
No glare found

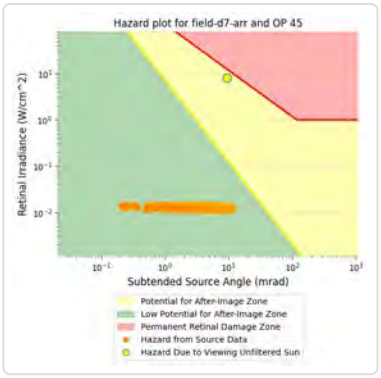
Field D7 Array: OP 45

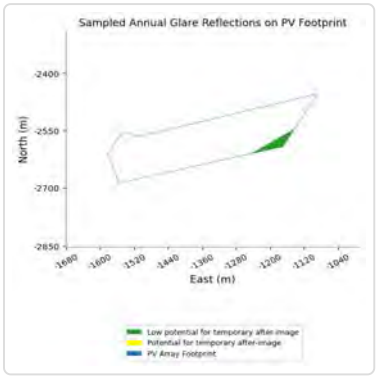
PV array is expected to produce the following glare for this receptor:

- 605 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





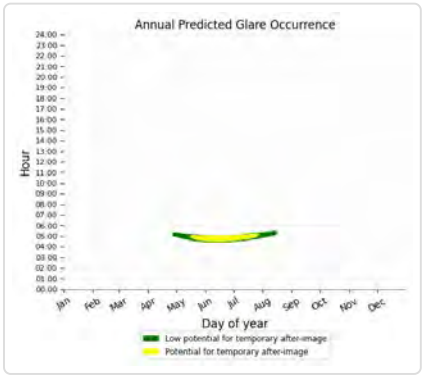


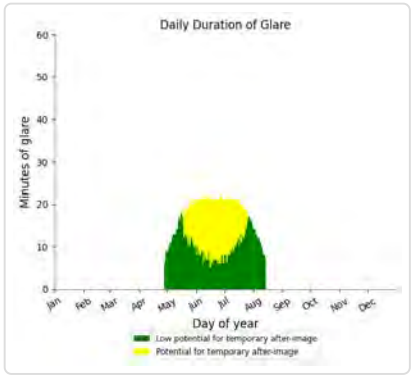


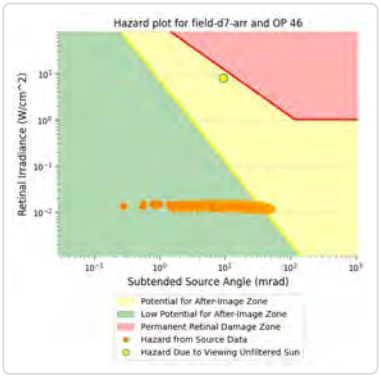
Field D7 Array: OP 46

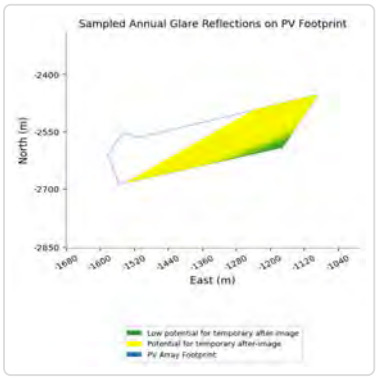
PV array is expected to produce the following glare for this receptor:

- 1,139 minutes of "green" glare with low potential to cause temporary after-image.
- 791 minutes of "yellow" glare with potential to cause temporary after-image.





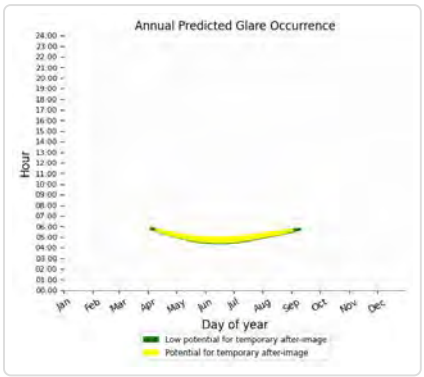


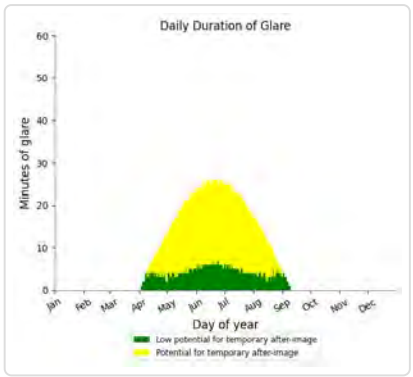


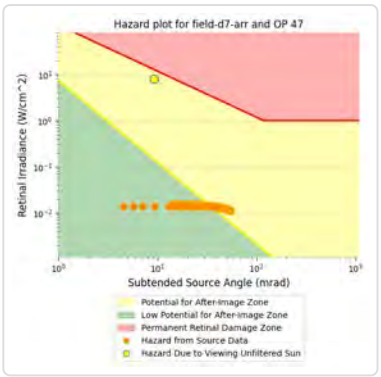
Field D7 Array: OP 47

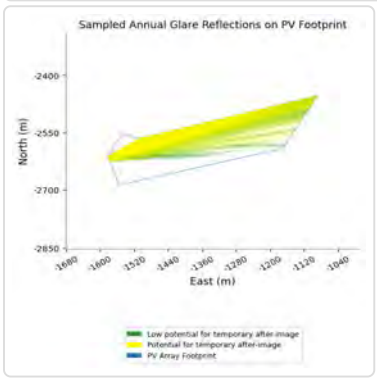
PV array is expected to produce the following glare for this receptor:

- 667 minutes of "green" glare with low potential to cause temporary after-image.
- 1,956 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 48

No glare found

Field D7 Array: OP 49

No glare found

Field D7 Array: OP 50

No glare found

Field D7 Array: OP 51

No glare found

Field D7 Array: OP 52

No glare found

Field D7 Array: OP 53

No glare found

Field D7 Array: OP 54

No glare found

Field D7 Array: OP 55

No glare found

Field D7 Array: OP 56

No glare found

Field D7 Array: OP 57

No glare found

Field D7 Array: OP 58

No glare found

Field D7 Array: OP 59

No glare found

Field D7 Array: OP 60

No glare found

Field D7 Array: OP 61

No glare found

Field D7 Array: OP 62

No glare found

Field D7 Array: OP 63

No glare found

Field D7 Array: OP 64

No glare found

Field D7 Array: OP 65

No glare found

Field D7 Array: OP 66

No glare found

Field D7 Array: OP 67

No glare found

Field D7 Array: OP 68

No glare found

Field D7 Array: OP 69

No glare found

Field D8 Array potential temporary after-image

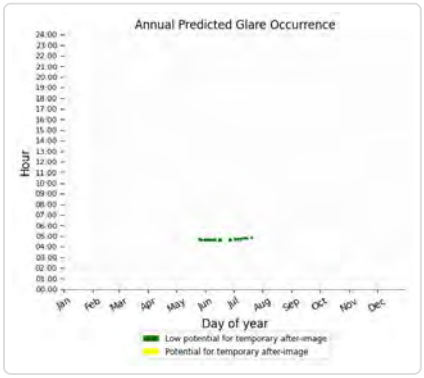
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	20	0
OP: OP 2	999	0
OP: OP 3	551	0
OP: OP 4	376	0
OP: OP 5	145	0
OP: OP 6	828	2
OP: OP 7	930	29
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	265	0
OP: OP 13	702	83
OP: OP 14	1559	178
OP: OP 15	767	7
OP: OP 16	123	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0

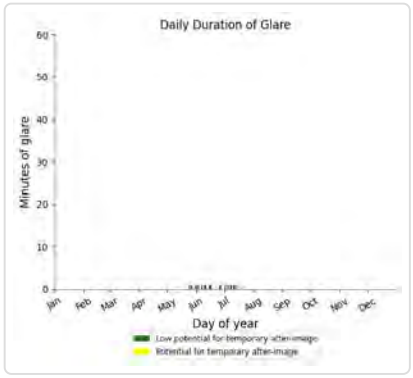
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	2244	126
OP: OP 48	910	1765
OP: OP 49	539	2154
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

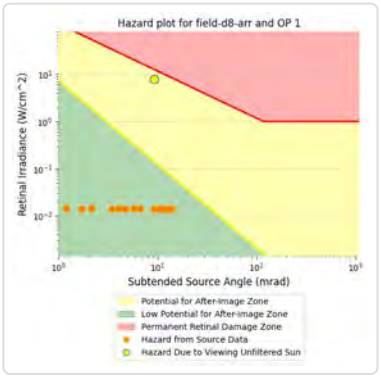
Field D8 Array: OP 1

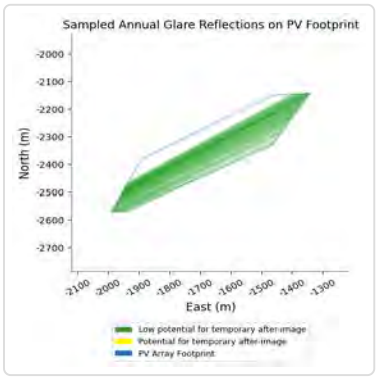
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





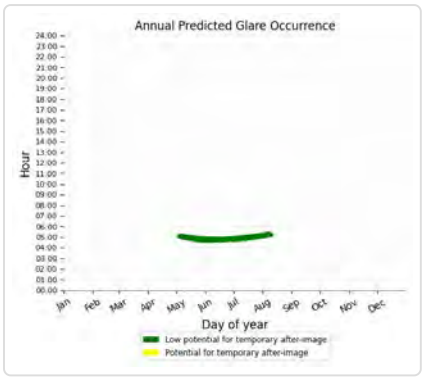


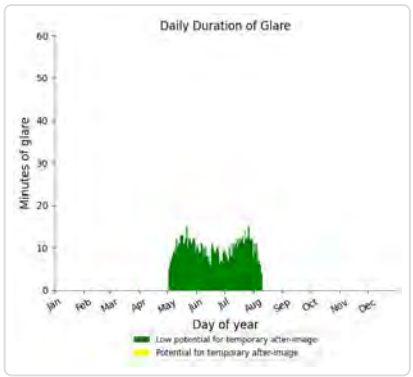


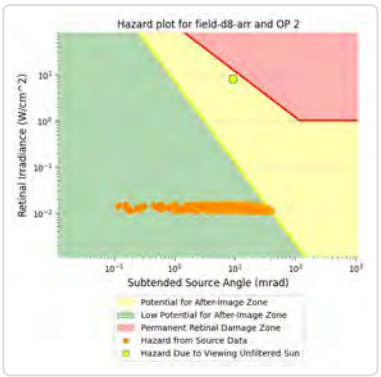
Field D8 Array: OP 2

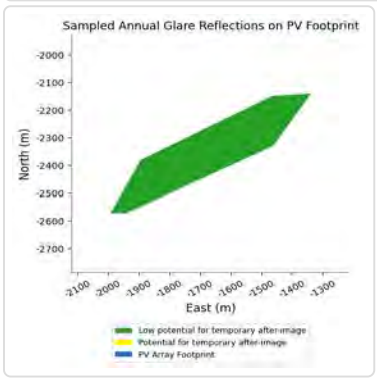
PV array is expected to produce the following glare for this receptor:

- 999 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





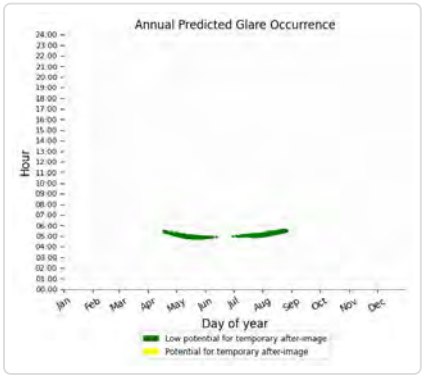


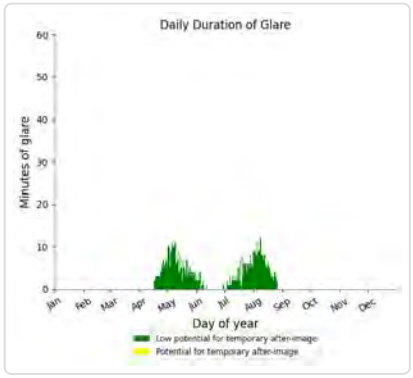


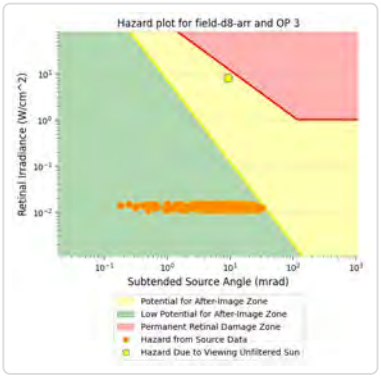
Field D8 Array: OP 3

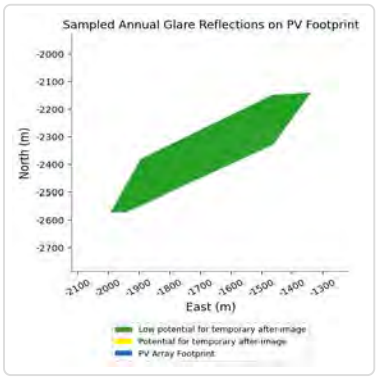
PV array is expected to produce the following glare for this receptor:

- 551 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





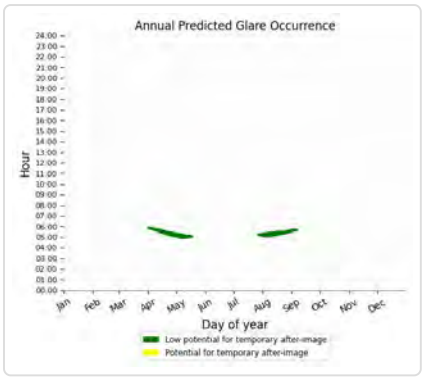


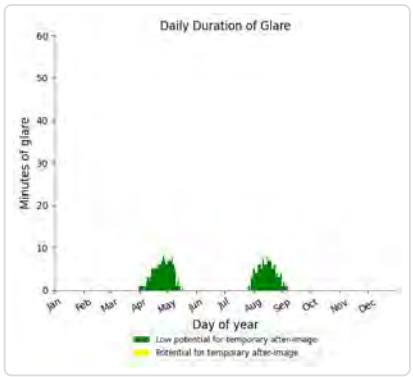


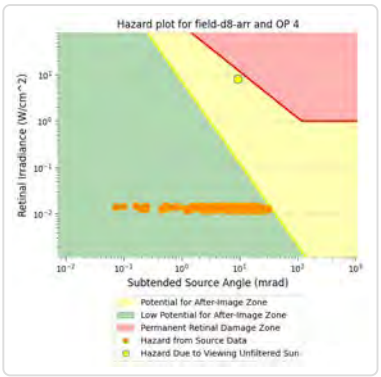
Field D8 Array: OP 4

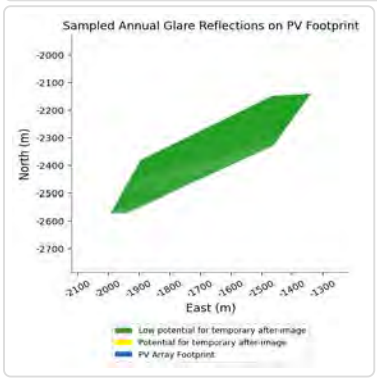
PV array is expected to produce the following glare for this receptor:

- 376 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





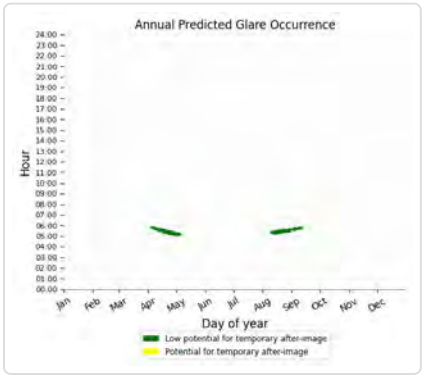


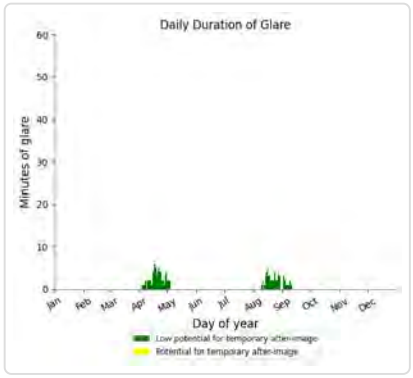


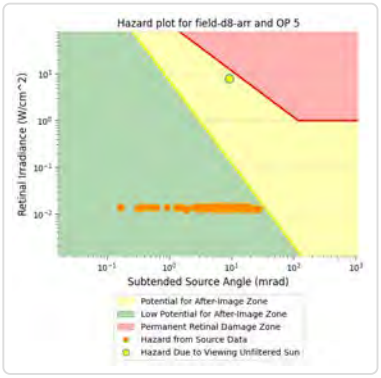
Field D8 Array: OP 5

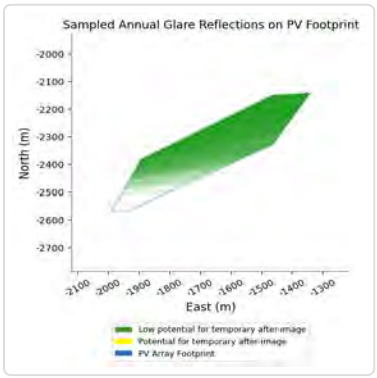
PV array is expected to produce the following glare for this receptor:

- 145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





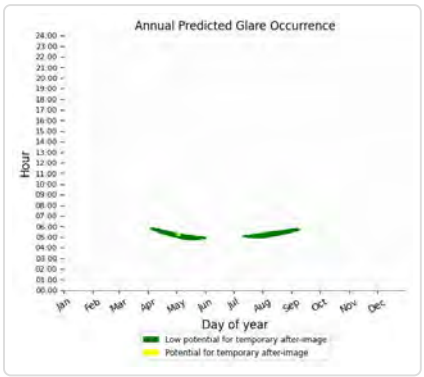


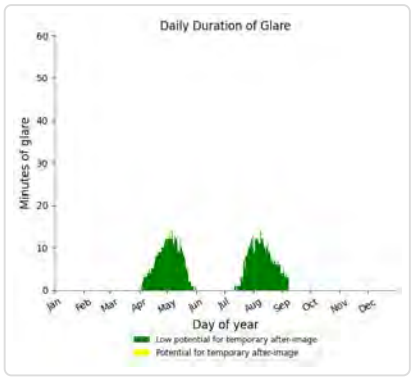


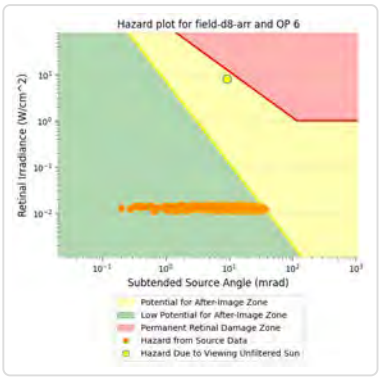
Field D8 Array: OP 6

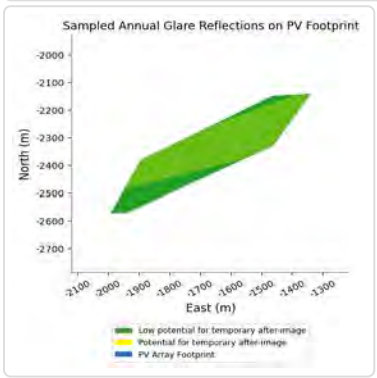
PV array is expected to produce the following glare for this receptor:

- 828 minutes of "green" glare with low potential to cause temporary after-image.
- 2 minutes of "yellow" glare with potential to cause temporary after-image.





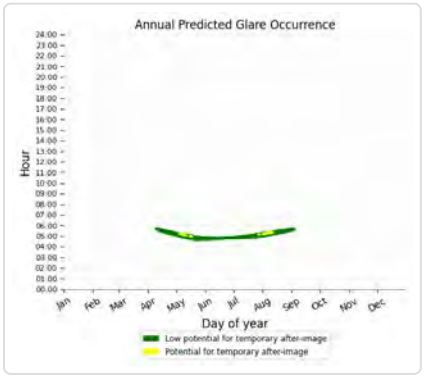


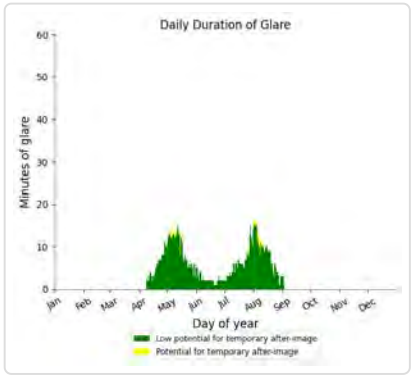


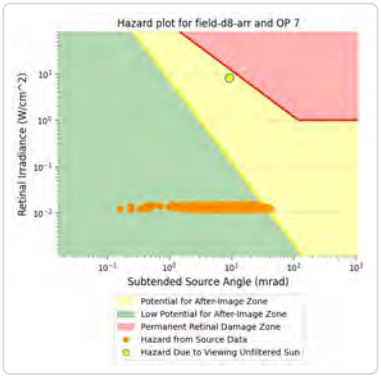
Field D8 Array: OP 7

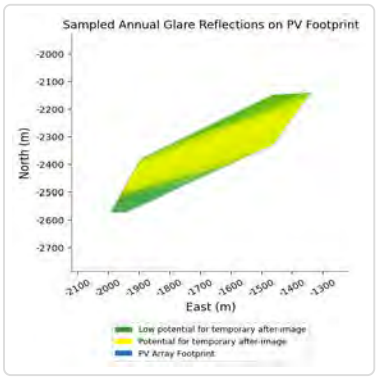
PV array is expected to produce the following glare for this receptor:

- 930 minutes of "green" glare with low potential to cause temporary after-image.
- 29 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 8

No glare found

Field D8 Array: OP 9

No glare found

Field D8 Array: OP 10

No glare found

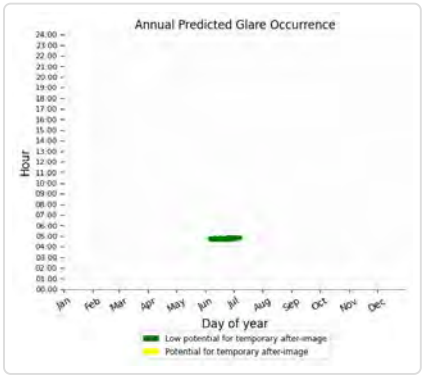
Field D8 Array: OP 11

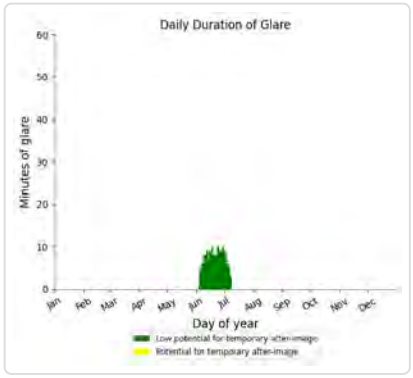
No glare found

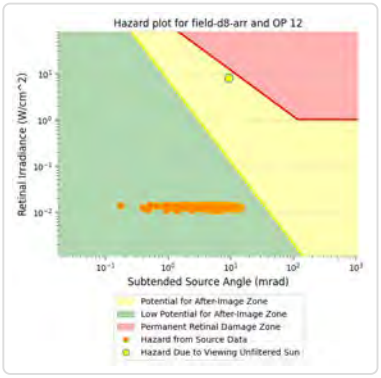
Field D8 Array: OP 12

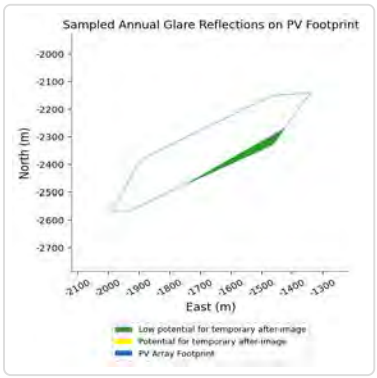
PV array is expected to produce the following glare for this receptor:

- 265 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





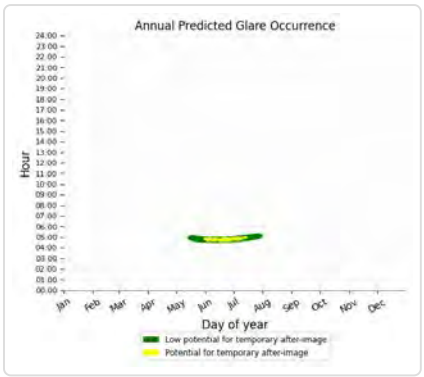


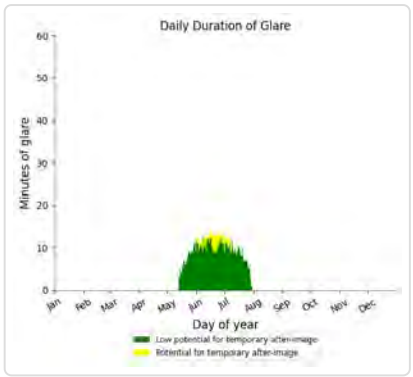


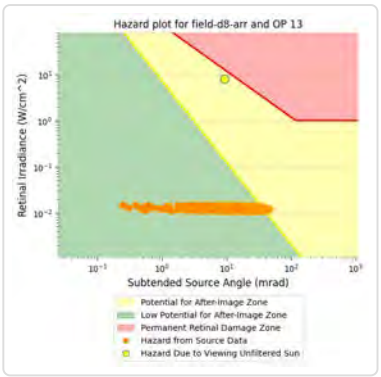
Field D8 Array: OP 13

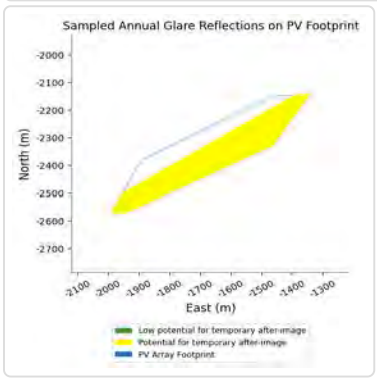
PV array is expected to produce the following glare for this receptor:

- 702 minutes of "green" glare with low potential to cause temporary after-image.
- 83 minutes of "yellow" glare with potential to cause temporary after-image.





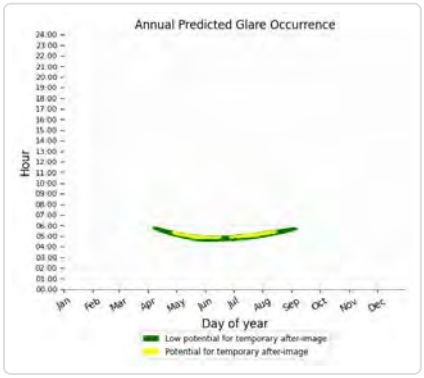


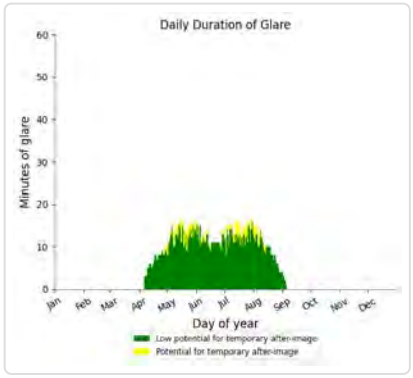


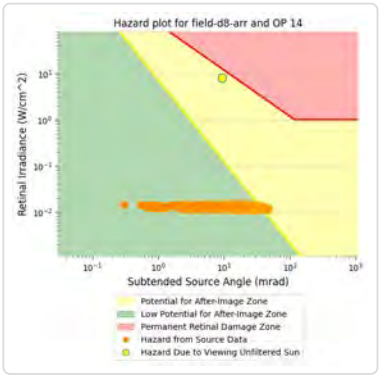
Field D8 Array: OP 14

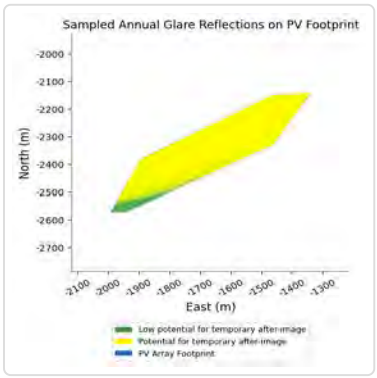
PV array is expected to produce the following glare for this receptor:

- 1,559 minutes of "green" glare with low potential to cause temporary after-image.
- 178 minutes of "yellow" glare with potential to cause temporary after-image.





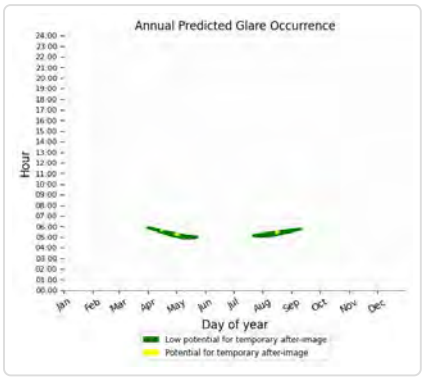




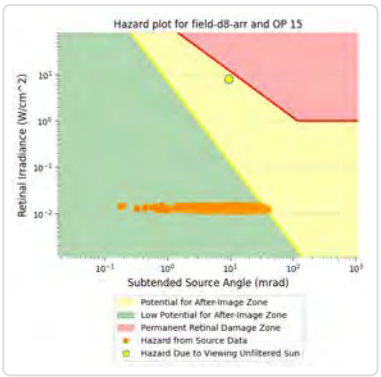
Field D8 Array: OP 15

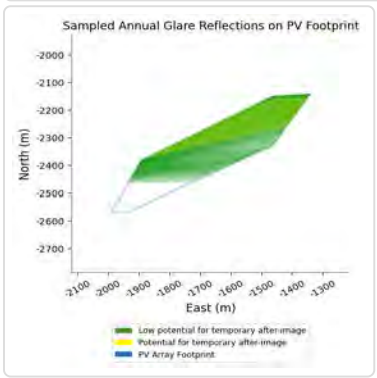
PV array is expected to produce the following glare for this receptor:

- 767 minutes of "green" glare with low potential to cause temporary after-image.
- 7 minutes of "yellow" glare with potential to cause temporary after-image.





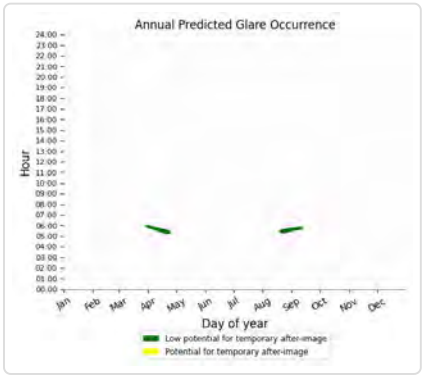


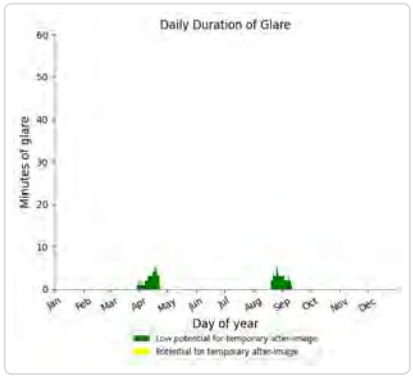


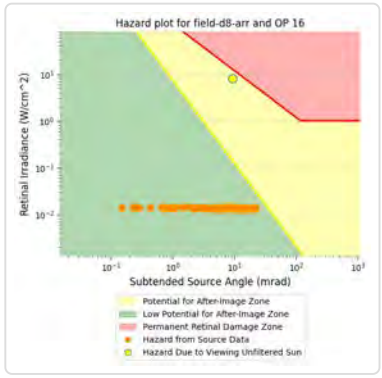
Field D8 Array: OP 16

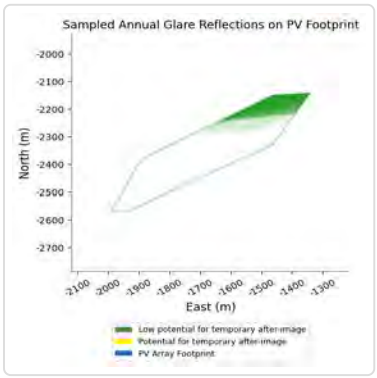
PV array is expected to produce the following glare for this receptor:

- 123 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 17

No glare found

Field D8 Array: OP 18

No glare found

Field D8 Array: OP 19

No glare found

Field D8 Array: OP 20

No glare found

Field D8 Array: OP 21

No glare found

Field D8 Array: OP 22

No glare found

Field D8 Array: OP 23

No glare found

Field D8 Array: OP 24

No glare found

Field D8 Array: OP 25

No glare found

Field D8 Array: OP 26

No glare found

Field D8 Array: OP 27

No glare found

Field D8 Array: OP 28

No glare found

Field D8 Array: OP 29

No glare found

Field D8 Array: OP 30

No glare found

Field D8 Array: OP 31

No glare found

Field D8 Array: OP 32

No glare found

Field D8 Array: OP 33

No glare found

Field D8 Array: OP 34

No glare found

Field D8 Array: OP 35

No glare found

Field D8 Array: OP 36

No glare found

Field D8 Array: OP 37

No glare found

Field D8 Array: OP 38

No glare found

Field D8 Array: OP 39

No glare found

Field D8 Array: OP 40

No glare found

Field D8 Array: OP 41

No glare found

Field D8 Array: OP 42

No glare found

Field D8 Array: OP 43

No glare found

Field D8 Array: OP 44

No glare found

Field D8 Array: OP 45

No glare found

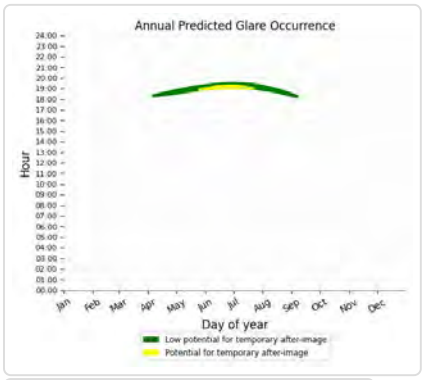
Field D8 Array: OP 46

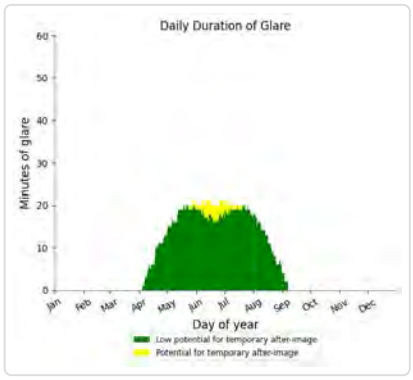
No glare found

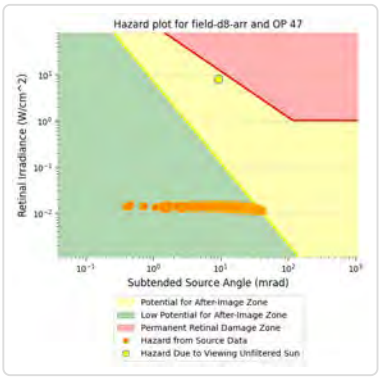
Field D8 Array: OP 47

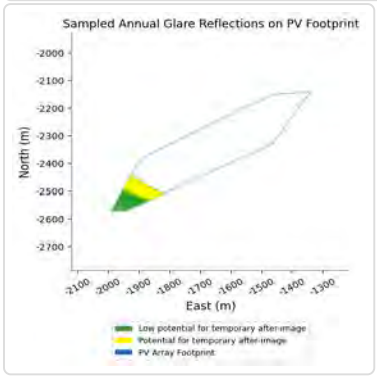
PV array is expected to produce the following glare for this receptor:

- 2,244 minutes of "green" glare with low potential to cause temporary after-image.
- 126 minutes of "yellow" glare with potential to cause temporary after-image.





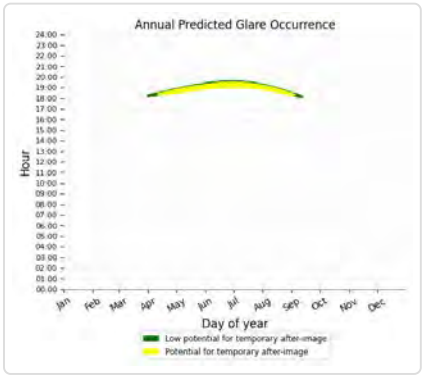


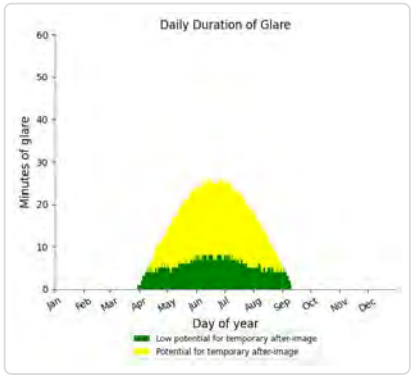


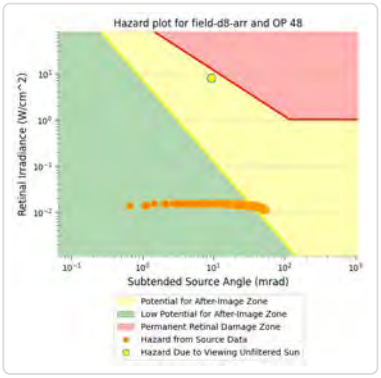
Field D8 Array: OP 48

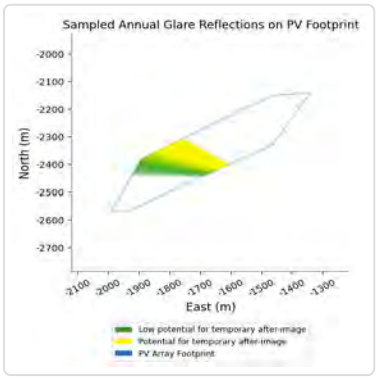
PV array is expected to produce the following glare for this receptor:

- 910 minutes of "green" glare with low potential to cause temporary after-image.
- 1,765 minutes of "yellow" glare with potential to cause temporary after-image.





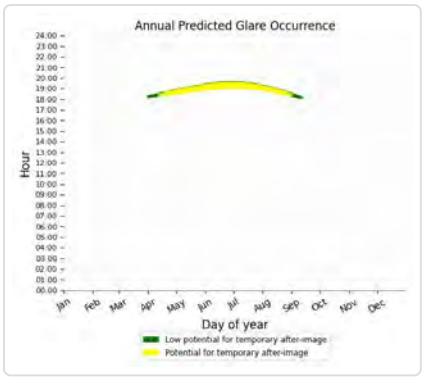


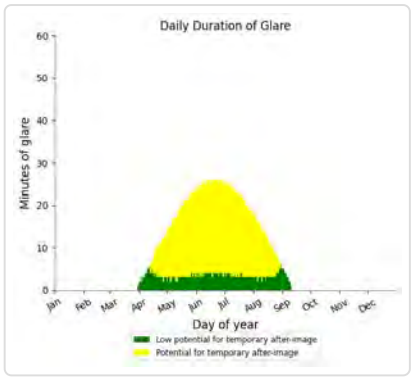


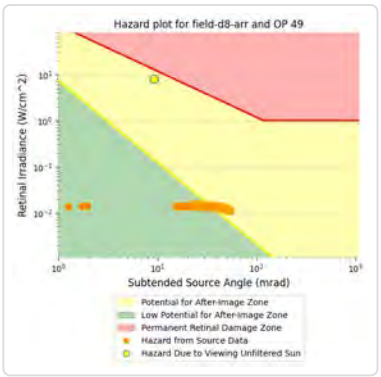
Field D8 Array: OP 49

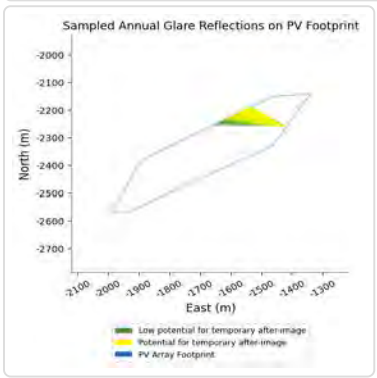
PV array is expected to produce the following glare for this receptor:

- 539 minutes of "green" glare with low potential to cause temporary after-image.
- 2,154 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 50

No glare found

Field D8 Array: OP 51

No glare found

Field D8 Array: OP 52

No glare found

Field D8 Array: OP 53

No glare found

Field D8 Array: OP 54

No glare found

Field D8 Array: OP 55

No glare found

Field D8 Array: OP 56

No glare found

Field D8 Array: OP 57

No glare found

Field D8 Array: OP 58

No glare found

Field D8 Array: OP 59

No glare found

Field D8 Array: OP 60

No glare found

Field D8 Array: OP 61

No glare found

Field D8 Array: OP 62

No glare found

Field D8 Array: OP 63

No glare found

Field D8 Array: OP 64

No glare found

Field D8 Array: OP 65

No glare found

Field D8 Array: OP 66

No glare found

Field D8 Array: OP 67

No glare found

Field D8 Array: OP 68

No glare found

Field D8 Array: OP 69

No glare found

Field D9 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	19	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	18	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	19	0
OP: OP 15	757	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	1282	0
OP: OP 51	908	1510
OP: OP 52	1751	443
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

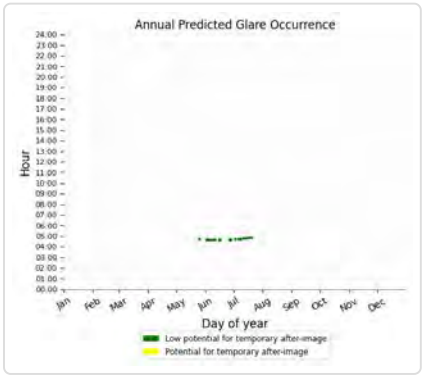
Field D9 Array: OP 1

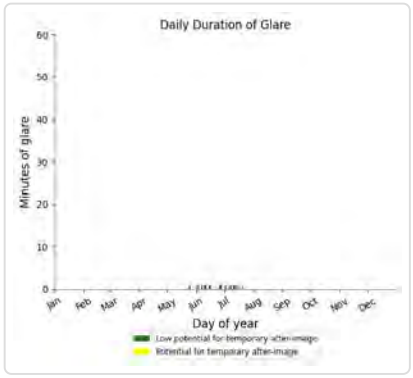
No glare found

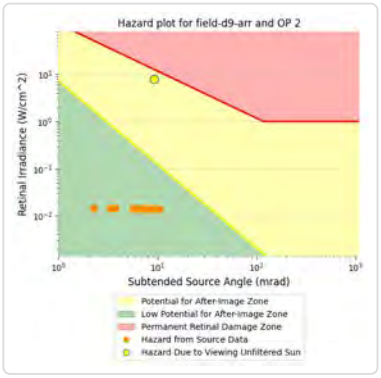
Field D9 Array: OP 2

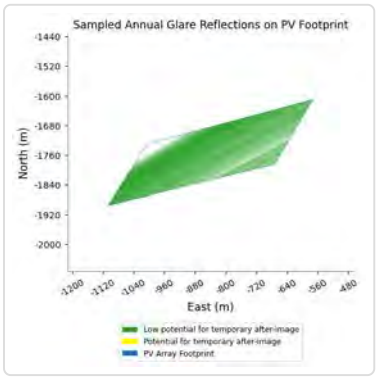
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 3

No glare found

Field D9 Array: OP 4

No glare found

Field D9 Array: OP 5

No glare found

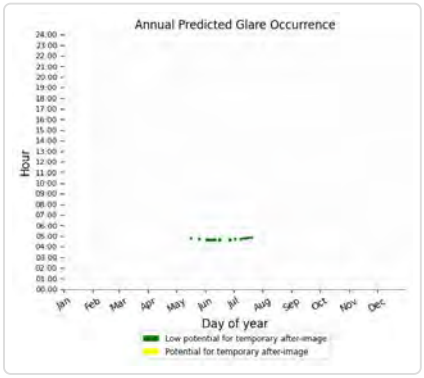
Field D9 Array: OP 6

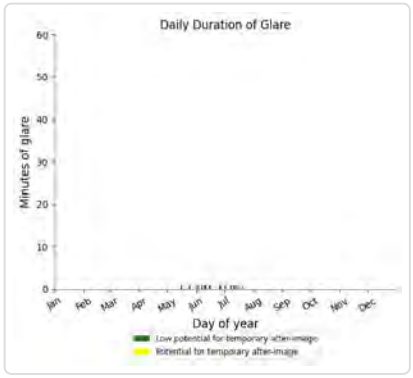
No glare found

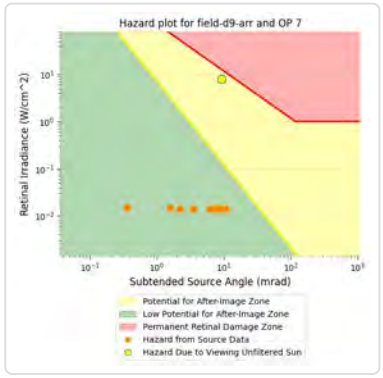
Field D9 Array: OP 7

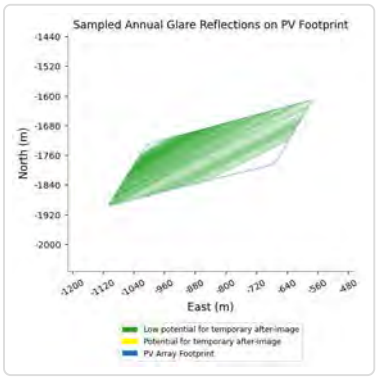
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 8

No glare found

Field D9 Array: OP 9

No glare found

Field D9 Array: OP 10

No glare found

Field D9 Array: OP 11

No glare found

Field D9 Array: OP 12

No glare found

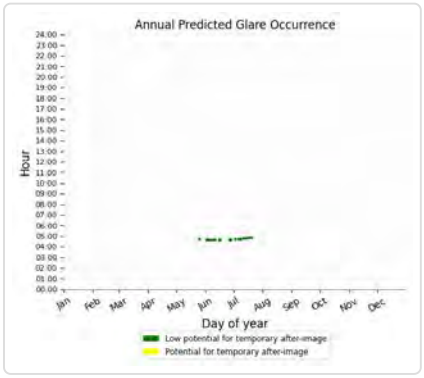
Field D9 Array: OP 13

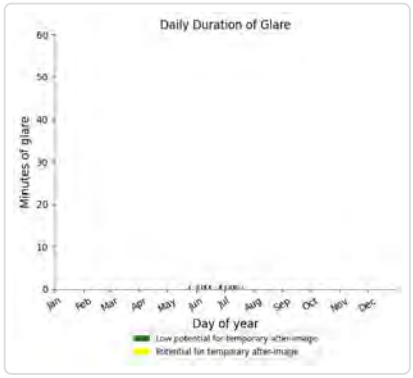
No glare found

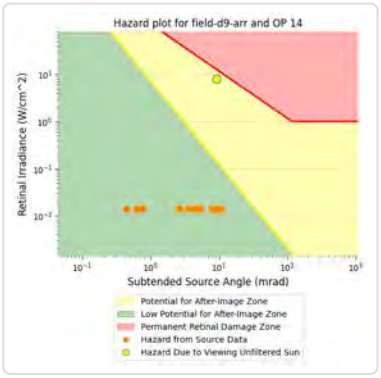
Field D9 Array: OP 14

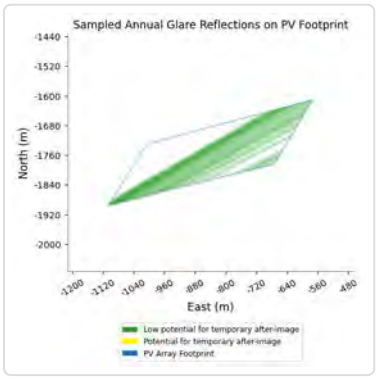
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





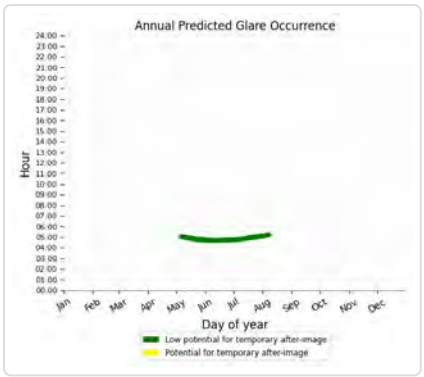


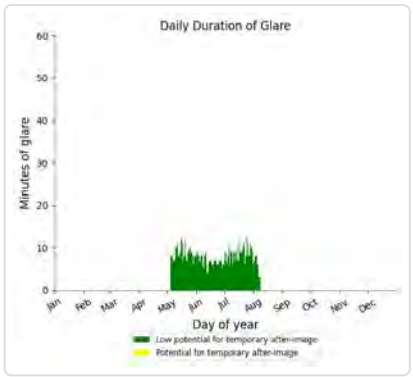


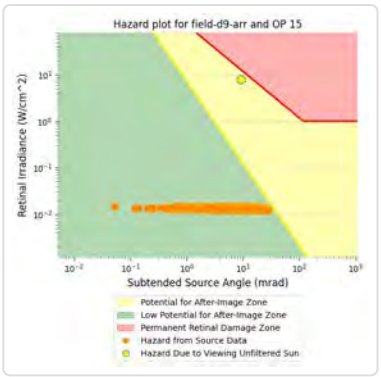
Field D9 Array: OP 15

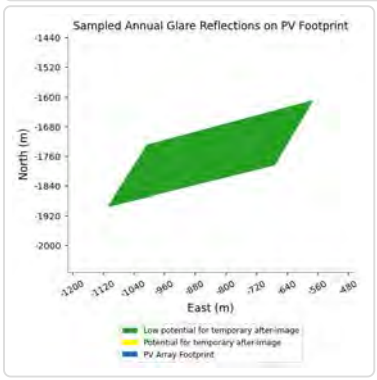
PV array is expected to produce the following glare for this receptor:

- 757 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 16

No glare found

Field D9 Array: OP 17

No glare found

Field D9 Array: OP 18

No glare found

Field D9 Array: OP 19

No glare found

Field D9 Array: OP 20

No glare found

Field D9 Array: OP 21

No glare found

Field D9 Array: OP 22

No glare found

Field D9 Array: OP 23

No glare found

Field D9 Array: OP 24

No glare found

Field D9 Array: OP 25

No glare found

Field D9 Array: OP 26

No glare found

Field D9 Array: OP 27

No glare found

Field D9 Array: OP 28

No glare found

Field D9 Array: OP 29

No glare found

Field D9 Array: OP 30

No glare found

Field D9 Array: OP 31

No glare found

Field D9 Array: OP 32

No glare found

Field D9 Array: OP 33

No glare found

Field D9 Array: OP 34

No glare found

Field D9 Array: OP 35

No glare found

Field D9 Array: OP 36

No glare found

Field D9 Array: OP 37

No glare found

Field D9 Array: OP 38

No glare found

Field D9 Array: OP 39

No glare found

Field D9 Array: OP 40

No glare found

Field D9 Array: OP 41

No glare found

Field D9 Array: OP 42

No glare found

Field D9 Array: OP 43

No glare found

Field D9 Array: OP 44

No glare found

Field D9 Array: OP 45

No glare found

Field D9 Array: OP 46

No glare found

Field D9 Array: OP 47

No glare found

Field D9 Array: OP 48

No glare found

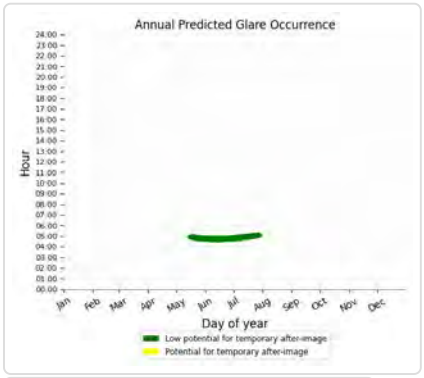
Field D9 Array: OP 49

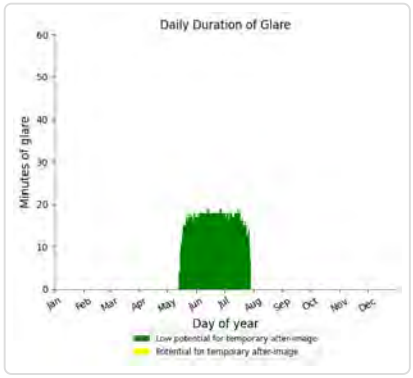
No glare found

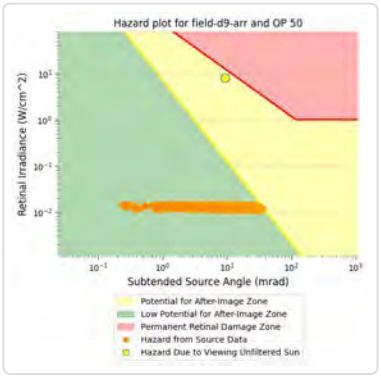
Field D9 Array: OP 50

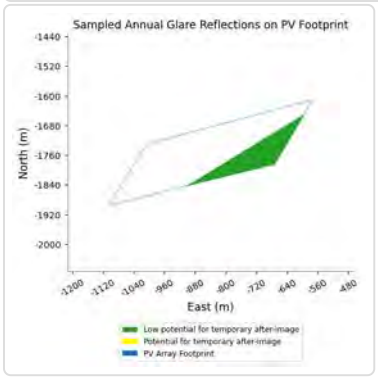
PV array is expected to produce the following glare for this receptor:

- 1,282 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





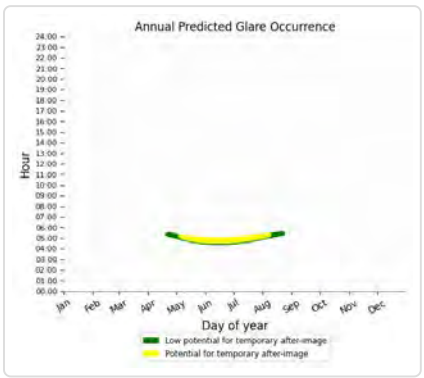


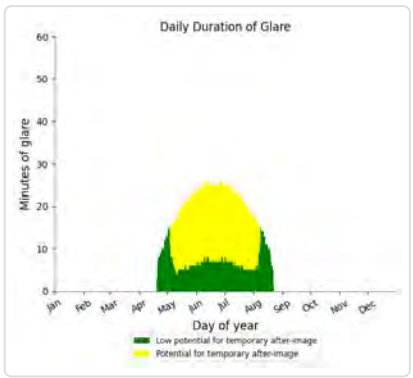


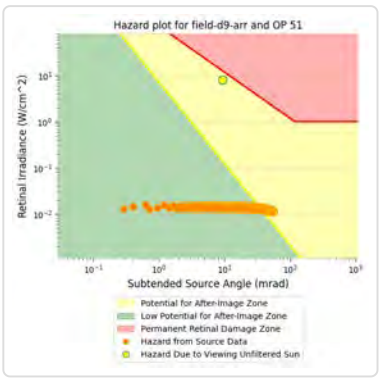
Field D9 Array: OP 51

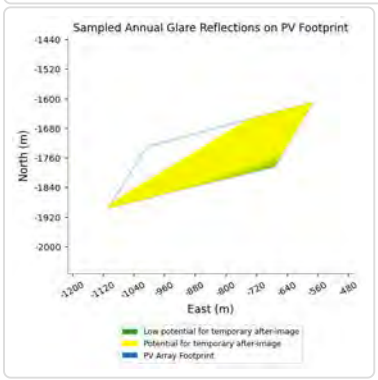
PV array is expected to produce the following glare for this receptor:

- 908 minutes of "green" glare with low potential to cause temporary after-image.
- 1,510 minutes of "yellow" glare with potential to cause temporary after-image.





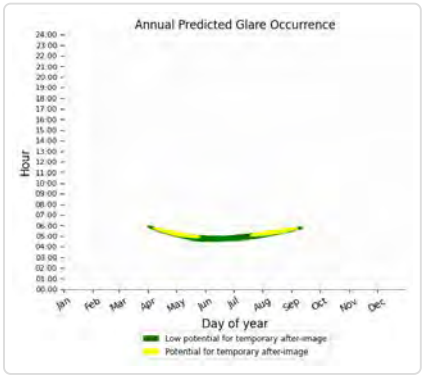


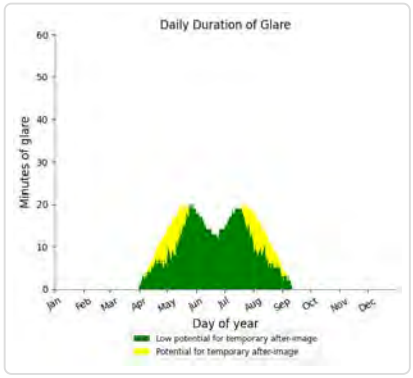


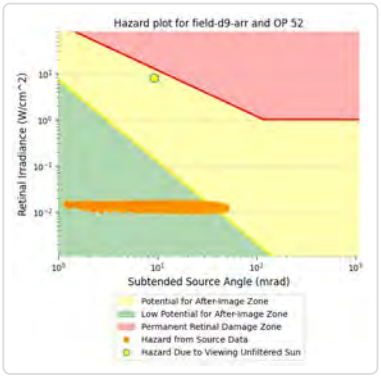
Field D9 Array: OP 52

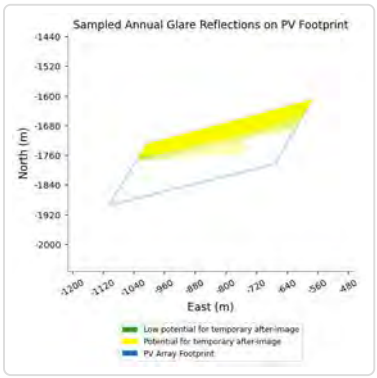
PV array is expected to produce the following glare for this receptor:

- 1,751 minutes of "green" glare with low potential to cause temporary after-image.
- 443 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 53

No glare found

Field D9 Array: OP 54

No glare found

Field D9 Array: OP 55

No glare found

Field D9 Array: OP 56

No glare found

Field D9 Array: OP 57

No glare found

Field D9 Array: OP 58

No glare found

Field D9 Array: OP 59

No glare found

Field D9 Array: OP 60

No glare found

Field D9 Array: OP 61

No glare found

Field D9 Array: OP 62

No glare found

Field D9 Array: OP 63

No glare found

Field D9 Array: OP 64

No glare found

Field D9 Array: OP 65

No glare found

Field D9 Array: OP 66

No glare found

Field D9 Array: OP 67

No glare found

Field D9 Array: OP 68

No glare found

Field D9 Array: OP 69

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Annex G: Road Receptor Glare Results East Group B 10 Degrees

Meridian Solar Farm East

Meridian East Road Group B 10 Degrees

Created Jun 19, 2025
Updated Aug 22, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 152399.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	10.0	180.0	8,790	1,660	-
Field D1A-B Array	10.0	180.0	25,422	2,726	-
Field D1C Array	10.0	180.0	16,651	4,286	-
Field D2 Array	10.0	180.0	26,199	7,605	-
Field D3 Array	10.0	180.0	27,063	1,388	-
Field D5 Array	10.0	180.0	29,367	9,798	-
Field D6 Array	10.0	180.0	30,233	0	-
Field D7 Array	10.0	180.0	12,831	0	-
Field D8 Array	10.0	180.0	13,329	0	-
Field D9 Array	10.0	180.0	13,622	314	-

Component Data

PV Array(s)

Total PV footprint area: 2,377,617 m^2

Name: Field D10 Array
Footprint area: 136,922 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726260	0.005110	1.64	4.30	5.94
2	52.726280	0.006190	1.44	4.30	5.74
3	52.727290	0.012200	0.92	4.30	5.22
4	52.729990	0.014980	1.57	4.30	5.87
5	52.729970	0.013600	1.82	4.30	6.12
6	52.729290	0.008210	1.63	4.30	5.93

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,701 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734150	0.018170	1.76	4.30	6.06
7	52.734140	0.016690	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 417,808 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721760	0.006720	2.04	4.30	6.34
5	52.721760	0.005890	1.47	4.30	5.77
6	52.722100	0.005820	1.64	4.30	5.94
7	52.722300	0.007260	2.17	4.30	6.47
8	52.723460	0.008450	2.13	4.30	6.43
9	52.723520	0.007330	1.58	4.30	5.88
10	52.723970	0.007610	1.68	4.30	5.98
11	52.724640	0.009600	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724970	0.003600	1.82	4.30	6.12
18	52.724490	0.004010	1.22	4.30	5.52
19	52.722900	0.002300	1.46	4.30	5.76
20	52.722760	0.001580	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 840,342 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708690	-0.019660	1.33	4.30	5.63
2	52.708320	-0.017290	1.31	4.30	5.61
3	52.707810	-0.017190	0.84	4.30	5.14
4	52.707810	-0.016140	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.21
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004800	1.86	4.30	6.17
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.65	4.30	5.95
17	52.720130	-0.003470	2.02	4.30	6.31
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.48	4.30	5.78
20	52.722490	0.000690	1.20	4.30	5.50
21	52.722440	-0.000180	1.29	4.30	5.59
22	52.722960	-0.000420	1.30	4.30	5.60
23	52.723330	0.001430	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 268,446 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702730	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700070	-0.021060	1.99	4.30	6.29
8	52.699610	-0.020660	2.06	4.30	6.36
9	52.698980	-0.020530	2.35	4.30	6.64
10	52.698900	-0.022040	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,077 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700890	-0.022750	2.61	4.30	6.91
2	52.702250	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698740	-0.024700	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,242 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702110	-0.017910	2.45	4.30	6.75
2	52.702800	-0.018300	1.02	4.30	5.32
3	52.703320	-0.017780	0.77	4.30	5.07
4	52.703210	-0.017260	0.95	4.30	5.25
5	52.703300	-0.016590	1.08	4.30	5.38
6	52.704210	-0.010990	2.29	4.30	6.58
7	52.702970	-0.012210	2.23	4.30	6.54

Name: Field D8 Array
Footprint area: 93,322 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

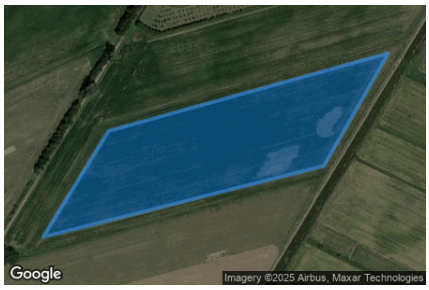
Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703150	-0.024330	1.81	4.30	6.11
2	52.703160	-0.023580	1.61	4.30	5.91
3	52.705330	-0.016540	2.05	4.30	6.35
4	52.707010	-0.014740	1.57	4.30	5.87
5	52.706940	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60

Name: Field D9 Array
Footprint area: 61,899 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass without AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.7 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709230	-0.011260	1.62	4.30	5.92
2	52.710710	-0.009760	1.07	4.30	5.38
3	52.711790	-0.003360	1.62	4.30	5.92
4	52.710220	-0.004840	1.86	4.30	6.16

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	52.692445	-0.018126	4.16	1.50	5.66
OP 2	52.694006	-0.016646	2.92	1.50	4.42
OP 3	52.695547	-0.015197	3.54	1.50	5.04
OP 4	52.697120	-0.013749	2.44	1.50	3.94
OP 5	52.698115	-0.011882	2.24	1.50	3.74
OP 6	52.690683	-0.014908	2.93	1.50	4.43
OP 7	52.692328	-0.013534	2.74	1.50	4.24
OP 8	52.693895	-0.012268	3.23	1.50	4.73
OP 9	52.695521	-0.010927	1.81	1.50	3.31
OP 10	52.697042	-0.009661	3.25	1.50	4.75
OP 11	52.698746	-0.008277	1.72	1.50	3.22
OP 12	52.700553	-0.006904	0.75	1.50	2.25
OP 13	52.701957	-0.005724	1.92	1.50	3.42
OP 14	52.703596	-0.004329	2.05	1.50	3.55
OP 15	52.705182	-0.003084	2.15	1.50	3.65
OP 16	52.706794	-0.001668	1.99	1.50	3.49
OP 17	52.708367	-0.000381	3.08	1.50	4.58
OP 18	52.710005	0.000971	3.26	1.50	4.76
OP 19	52.711617	0.002302	4.28	1.50	5.78
OP 20	52.713190	0.003632	1.97	1.50	3.47
OP 21	52.714763	0.004919	1.15	1.50	2.65
OP 22	52.716375	0.006271	0.83	1.50	2.33
OP 23	52.717948	0.007580	1.00	1.50	2.50
OP 24	52.719650	0.008975	2.52	1.50	4.02
OP 25	52.721301	0.010327	1.59	1.50	3.09
OP 26	52.722822	0.011614	1.47	1.50	2.97
OP 27	52.724472	0.012966	3.23	1.50	4.73
OP 28	52.726019	0.014253	2.49	1.50	3.99
OP 29	52.727604	0.015605	1.43	1.50	2.93
OP 30	52.729196	0.016936	1.34	1.50	2.84
OP 31	52.730820	0.018309	1.76	1.50	3.26
OP 32	52.732470	0.018169	2.91	1.50	4.41
OP 33	52.734172	0.019081	3.08	1.50	4.58
OP 34	52.687951	-0.010602	4.23	1.50	5.73
OP 35	52.689648	-0.009336	1.66	1.50	3.16
OP 36	52.691371	-0.008049	2.55	1.50	4.05
OP 37	52.692932	-0.007051	2.57	1.50	4.07
OP 38	52.694519	-0.005710	3.68	1.50	5.18
OP 39	52.696021	-0.004712	3.87	1.50	5.37
OP 40	52.697809	-0.003403	3.24	1.50	4.74
OP 41	52.699538	-0.002223	0.57	1.50	2.07
OP 42	52.701222	-0.000978	1.98	1.50	3.48
OP 43	52.702776	0.000095	2.66	1.50	4.16
OP 44	52.704421	0.001404	3.04	1.50	4.54
OP 45	52.706039	0.002509	3.34	1.50	4.84
OP 46	52.707677	0.003635	2.86	1.50	4.36
OP 47	52.709302	0.004880	2.08	1.50	3.58
OP 48	52.710368	0.003099	2.47	1.50	3.97
OP 49	52.710394	0.011768	2.39	1.50	3.89
OP 50	52.712104	0.012701	2.37	1.50	3.87
OP 51	52.713956	0.013699	1.87	1.50	3.37
OP 52	52.715627	0.014557	1.36	1.50	2.86
OP 53	52.717368	0.015490	1.26	1.50	2.76
OP 54	52.718948	0.016349	2.20	1.50	3.70
OP 55	52.720761	0.017271	3.06	1.50	4.56
OP 56	52.722458	0.018170	2.39	1.50	3.89
OP 57	52.724174	0.019114	2.32	1.50	3.82
OP 58	52.725850	0.020047	1.55	1.50	3.05
OP 59	52.727540	0.020927	1.56	1.50	3.06
OP 60	52.729294	0.021828	1.59	1.50	3.09
OP 61	52.731009	0.022751	2.12	1.50	3.62
OP 62	52.726396	0.028480	1.40	1.50	2.90
OP 63	52.727858	0.026645	1.60	1.50	3.10

OP 64	52.729281	0.024800	3.03	1.50	4.53
OP 65	52.732451	0.022268	2.25	1.50	3.75
OP 66	52.734088	0.021292	2.46	1.50	3.96
OP 67	52.735550	0.023373	1.76	1.50	3.26
OP 68	52.730990	0.026474	1.46	1.50	2.96
OP 69	52.732289	0.028641	1.11	1.50	2.61
OP 70	52.733614	0.030915	1.32	1.50	2.82

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	10.0	180.0	8,790	1,660	-	-
Field D1A-B Array	10.0	180.0	25,422	2,726	-	-
Field D1C Array	10.0	180.0	16,651	4,286	-	-
Field D2 Array	10.0	180.0	26,199	7,605	-	-
Field D3 Array	10.0	180.0	27,063	1,388	-	-
Field D5 Array	10.0	180.0	29,367	9,798	-	-
Field D6 Array	10.0	180.0	30,233	0	-	-
Field D7 Array	10.0	180.0	12,831	0	-	-
Field D8 Array	10.0	180.0	13,329	0	-	-
Field D9 Array	10.0	180.0	13,622	314	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d10-ar (green)	0	0	0	187	644	954	835	327	32	0	0	0
field-d10-ar (yellow)	0	0	0	7	3	2	1	6	0	0	0	0
field-d1a-b (green)	0	0	2	239	580	602	625	378	36	0	0	0
field-d1a-b (yellow)	0	0	0	0	0	0	0	4	0	0	0	0
field-d1c-ar (green)	0	0	2	247	580	795	706	378	49	0	0	0
field-d1c-ar (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d2-arr (green)	0	0	2	231	550	659	623	370	36	0	0	0
field-d2-arr (yellow)	0	0	0	1	3	3	2	1	0	0	0	0
field-d3-arr (green)	0	0	17	331	677	708	711	469	100	0	0	0
field-d3-arr (yellow)	0	0	0	0	5	13	8	1	0	0	0	0
field-d5-arr (green)	0	0	6	272	638	715	709	424	55	0	0	0
field-d5-arr (yellow)	0	0	0	0	1	0	0	0	0	0	0	0
field-d6-arr (green)	0	0	2	244	577	617	622	400	44	0	0	0
field-d6-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d7-arr (green)	0	0	6	274	636	703	694	427	48	0	0	0
field-d7-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d8-arr (green)	0	0	2	239	551	583	589	383	35	0	0	0
field-d8-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d9-arr (green)	0	0	2	245	589	633	638	403	49	0	0	0
field-d9-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0

OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	508	0
OP: OP 28	1430	151
OP: OP 29	1021	1421
OP: OP 30	2426	58
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0

OP: OP 56	359	0
OP: OP 57	15	0
OP: OP 58	1301	30
OP: OP 59	1621	0
OP: OP 60	109	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D10 Array: OP 1

No glare found

Field D10 Array: OP 2

No glare found

Field D10 Array: OP 3

No glare found

Field D10 Array: OP 4

No glare found

Field D10 Array: OP 5

No glare found

Field D10 Array: OP 6

No glare found

Field D10 Array: OP 7

No glare found

Field D10 Array: OP 8

No glare found

Field D10 Array: OP 9

No glare found

Field D10 Array: OP 10

No glare found

Field D10 Array: OP 11

No glare found

Field D10 Array: OP 12

No glare found

Field D10 Array: OP 13

No glare found

Field D10 Array: OP 14

No glare found

Field D10 Array: OP 15

No glare found

Field D10 Array: OP 16

No glare found

Field D10 Array: OP 17

No glare found

Field D10 Array: OP 18

No glare found

Field D10 Array: OP 19

No glare found

Field D10 Array: OP 20

No glare found

Field D10 Array: OP 21

No glare found

Field D10 Array: OP 22

No glare found

Field D10 Array: OP 23

No glare found

Field D10 Array: OP 24

No glare found

Field D10 Array: OP 25

No glare found

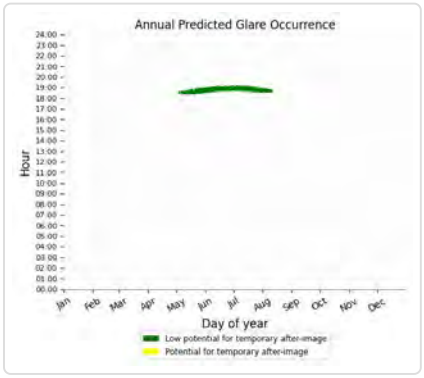
Field D10 Array: OP 26

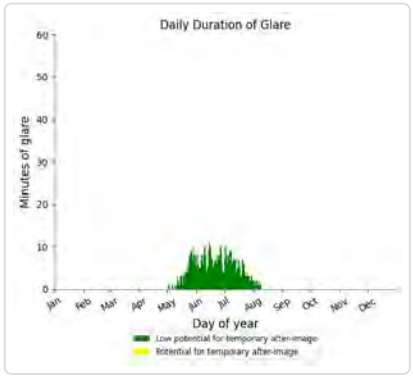
No glare found

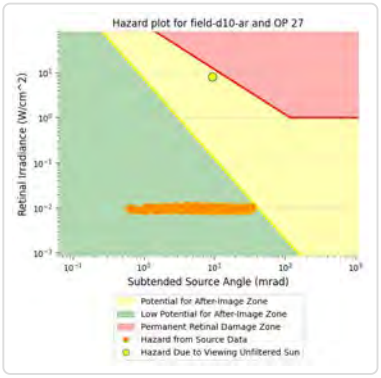
Field D10 Array: OP 27

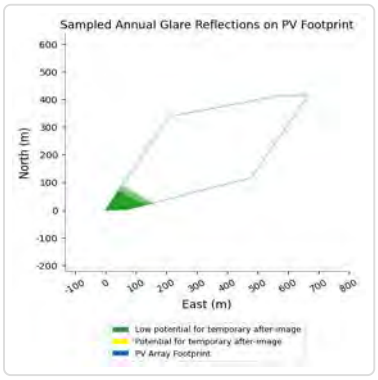
PV array is expected to produce the following glare for this receptor:

- 508 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





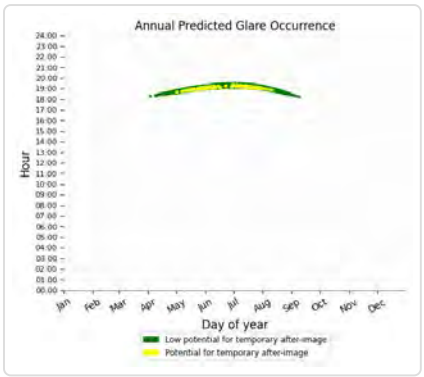


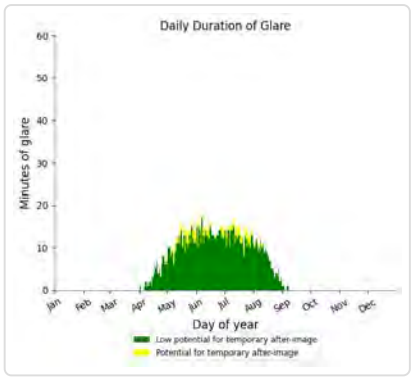


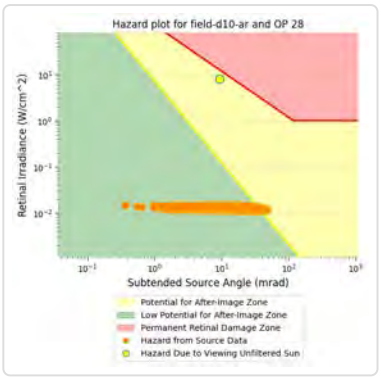
Field D10 Array: OP 28

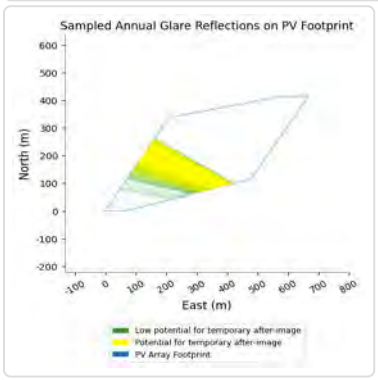
PV array is expected to produce the following glare for this receptor:

- 1,430 minutes of "green" glare with low potential to cause temporary after-image.
- 151 minutes of "yellow" glare with potential to cause temporary after-image.





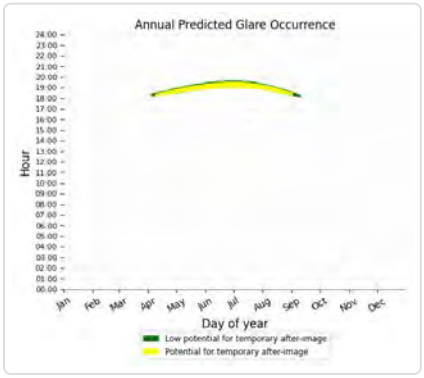


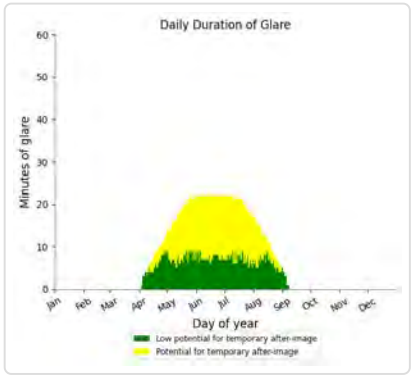


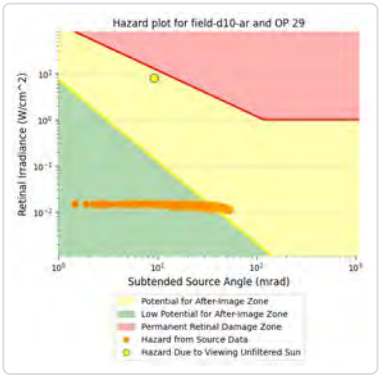
Field D10 Array: OP 29

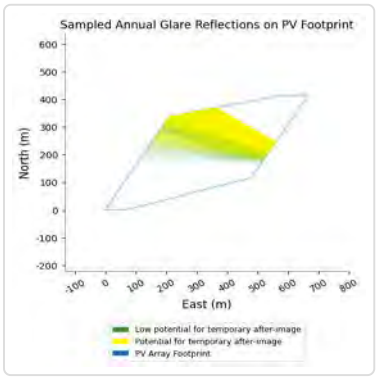
PV array is expected to produce the following glare for this receptor:

- 1,021 minutes of "green" glare with low potential to cause temporary after-image.
- 1,421 minutes of "yellow" glare with potential to cause temporary after-image.





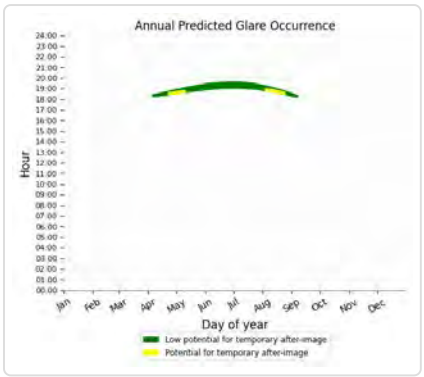


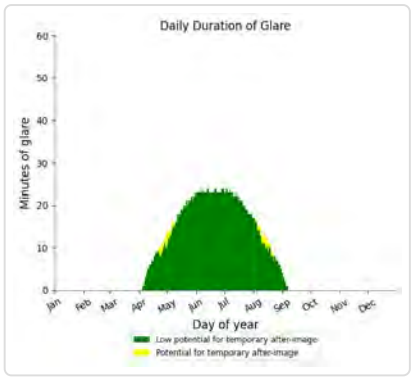


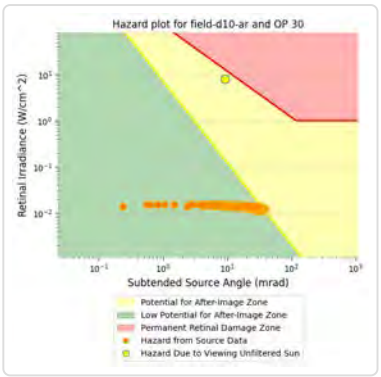
Field D10 Array: OP 30

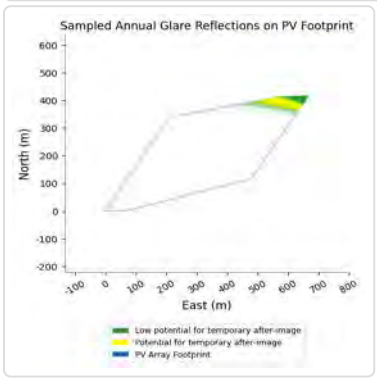
PV array is expected to produce the following glare for this receptor:

- 2,426 minutes of "green" glare with low potential to cause temporary after-image.
- 58 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 31

No glare found

Field D10 Array: OP 32

No glare found

Field D10 Array: OP 33

No glare found

Field D10 Array: OP 34

No glare found

Field D10 Array: OP 35

No glare found

Field D10 Array: OP 36

No glare found

Field D10 Array: OP 37

No glare found

Field D10 Array: OP 38

No glare found

Field D10 Array: OP 39

No glare found

Field D10 Array: OP 40

No glare found

Field D10 Array: OP 41

No glare found

Field D10 Array: OP 42

No glare found

Field D10 Array: OP 43

No glare found

Field D10 Array: OP 44

No glare found

Field D10 Array: OP 45

No glare found

Field D10 Array: OP 46

No glare found

Field D10 Array: OP 47

No glare found

Field D10 Array: OP 48

No glare found

Field D10 Array: OP 49

No glare found

Field D10 Array: OP 50

No glare found

Field D10 Array: OP 51

No glare found

Field D10 Array: OP 52

No glare found

Field D10 Array: OP 53

No glare found

Field D10 Array: OP 54

No glare found

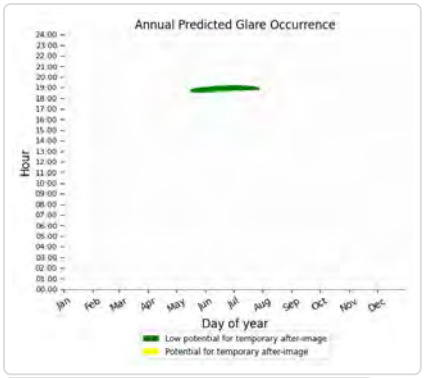
Field D10 Array: OP 55

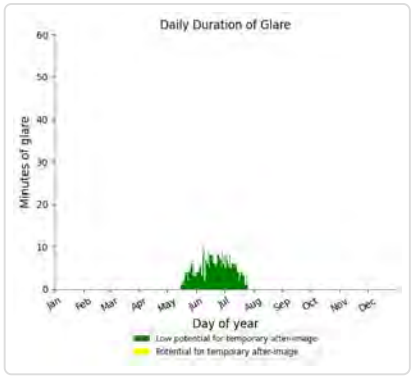
No glare found

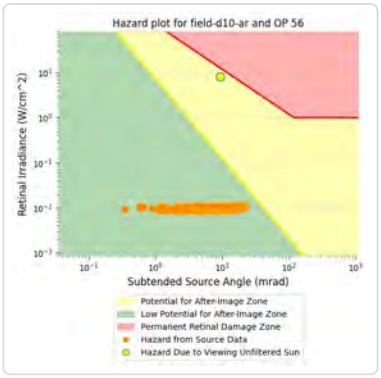
Field D10 Array: OP 56

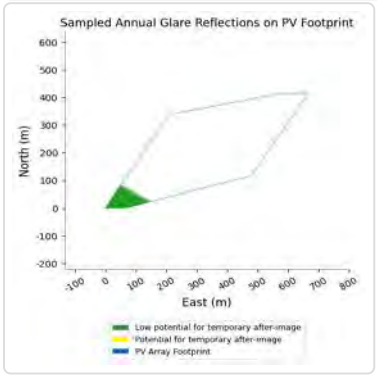
PV array is expected to produce the following glare for this receptor:

- 359 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





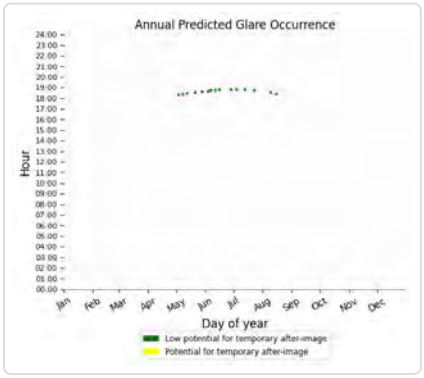


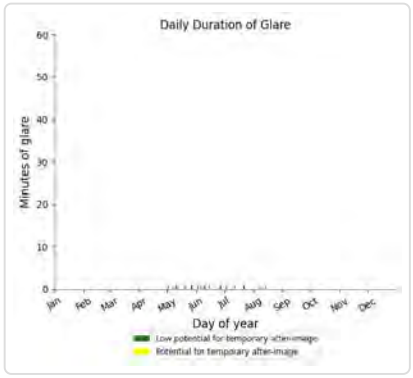


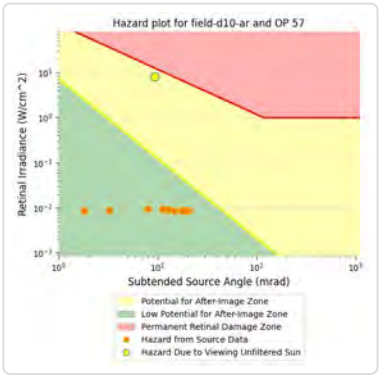
Field D10 Array: OP 57

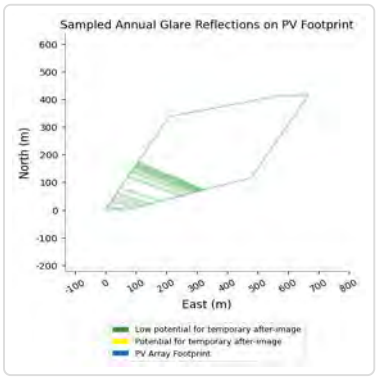
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





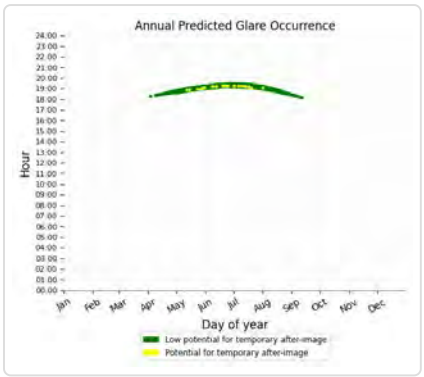


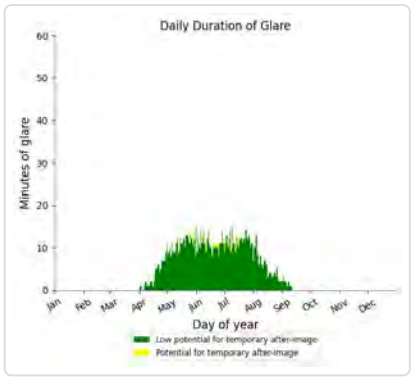


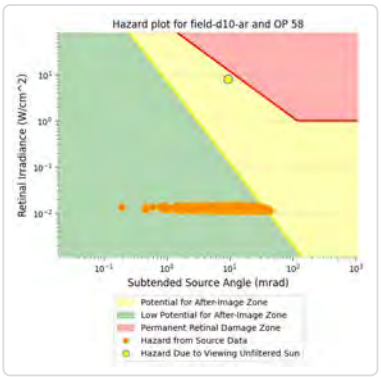
Field D10 Array: OP 58

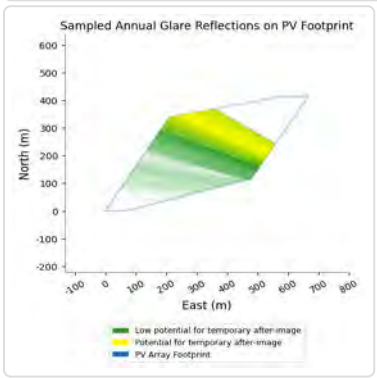
PV array is expected to produce the following glare for this receptor:

- 1,301 minutes of "green" glare with low potential to cause temporary after-image.
- 30 minutes of "yellow" glare with potential to cause temporary after-image.





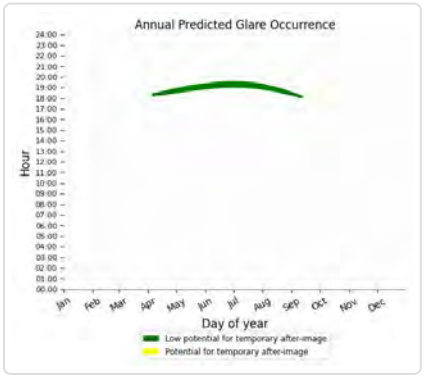


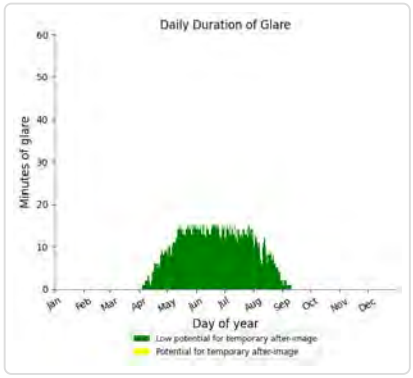


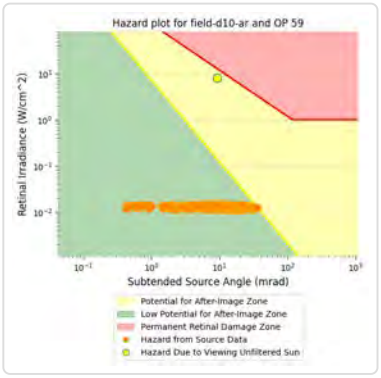
Field D10 Array: OP 59

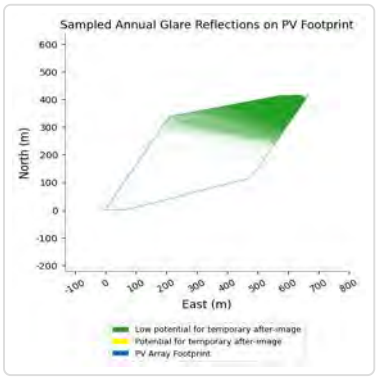
PV array is expected to produce the following glare for this receptor:

- 1,621 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





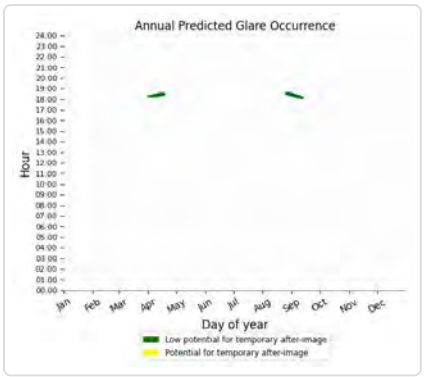




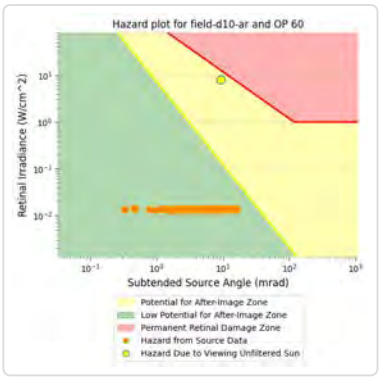
Field D10 Array: OP 60

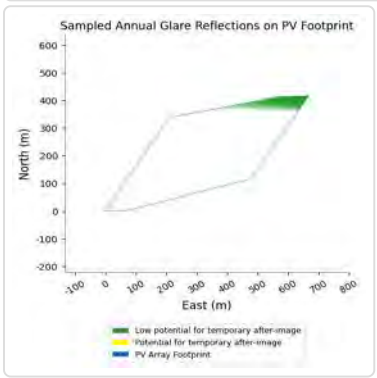
PV array is expected to produce the following glare for this receptor:

- 109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 61

No glare found

Field D10 Array: OP 62

No glare found

Field D10 Array: OP 63

No glare found

Field D10 Array: OP 64

No glare found

Field D10 Array: OP 65

No glare found

Field D10 Array: OP 66

No glare found

Field D10 Array: OP 67

No glare found

Field D10 Array: OP 68

No glare found

Field D10 Array: OP 69

No glare found

Field D10 Array: OP 70

No glare found

Field D1A-B Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0

OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	1400	0
OP: OP 27	1601	0
OP: OP 28	1976	190
OP: OP 29	1684	740
OP: OP 30	1292	1255
OP: OP 31	2155	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	1022	0
OP: OP 56	1521	0
OP: OP 57	2018	0
OP: OP 58	1780	91
OP: OP 59	1857	416
OP: OP 60	2268	34
OP: OP 61	194	0
OP: OP 62	1881	0
OP: OP 63	1758	0
OP: OP 64	899	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	116	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D1A-B Array: OP 1

No glare found

Field D1A-B Array: OP 2

No glare found

Field D1A-B Array: OP 3

No glare found

Field D1A-B Array: OP 4

No glare found

Field D1A-B Array: OP 5

No glare found

Field D1A-B Array: OP 6

No glare found

Field D1A-B Array: OP 7

No glare found

Field D1A-B Array: OP 8

No glare found

Field D1A-B Array: OP 9

No glare found

Field D1A-B Array: OP 10

No glare found

Field D1A-B Array: OP 11

No glare found

Field D1A-B Array: OP 12

No glare found

Field D1A-B Array: OP 13

No glare found

Field D1A-B Array: OP 14

No glare found

Field D1A-B Array: OP 15

No glare found

Field D1A-B Array: OP 16

No glare found

Field D1A-B Array: OP 17

No glare found

Field D1A-B Array: OP 18

No glare found

Field D1A-B Array: OP 19

No glare found

Field D1A-B Array: OP 20

No glare found

Field D1A-B Array: OP 21

No glare found

Field D1A-B Array: OP 22

No glare found

Field D1A-B Array: OP 23

No glare found

Field D1A-B Array: OP 24

No glare found

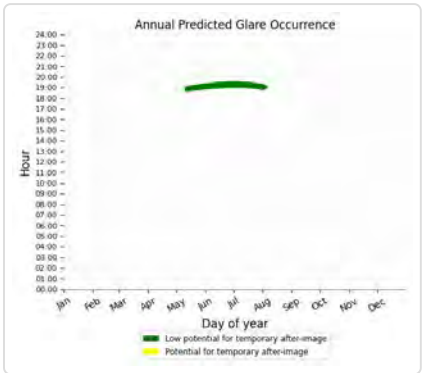
Field D1A-B Array: OP 25

No glare found

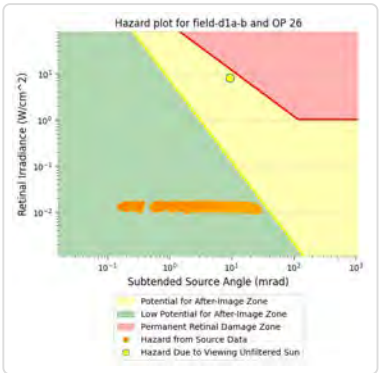
Field D1A-B Array: OP 26

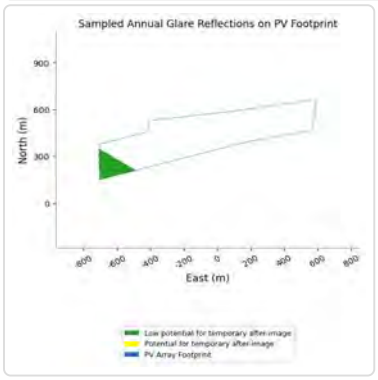
PV array is expected to produce the following glare for this receptor:

- 1,400 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





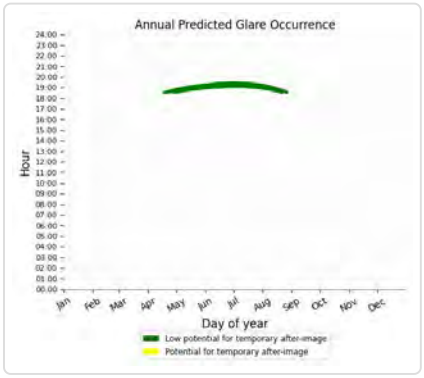


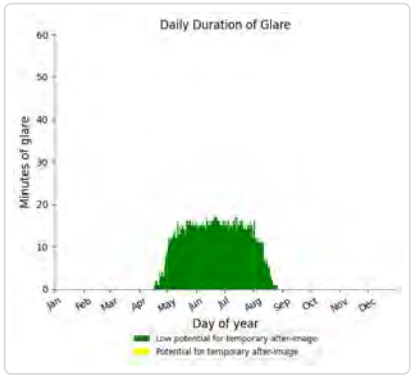


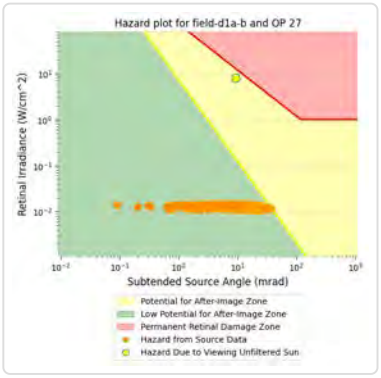
Field D1A-B Array: OP 27

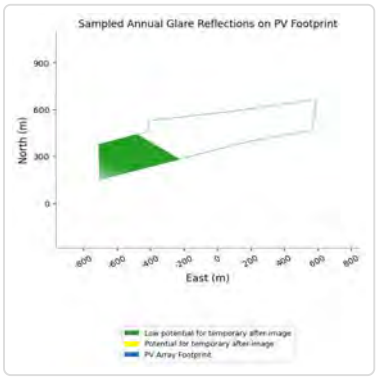
PV array is expected to produce the following glare for this receptor:

- 1,601 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





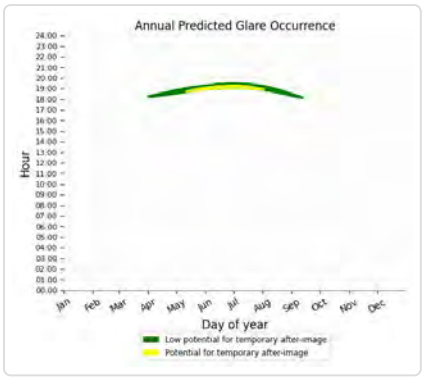


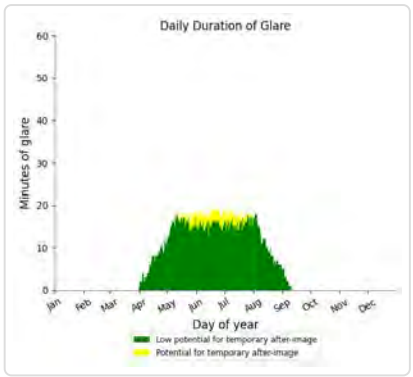


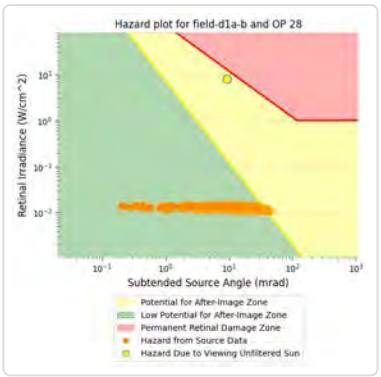
Field D1A-B Array: OP 28

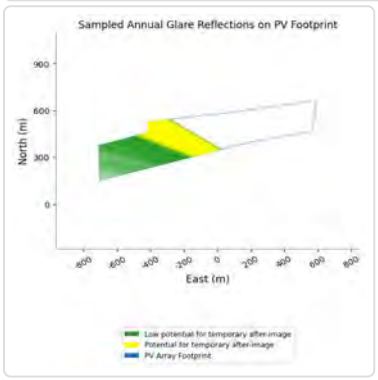
PV array is expected to produce the following glare for this receptor:

- 1,976 minutes of "green" glare with low potential to cause temporary after-image.
- 190 minutes of "yellow" glare with potential to cause temporary after-image.





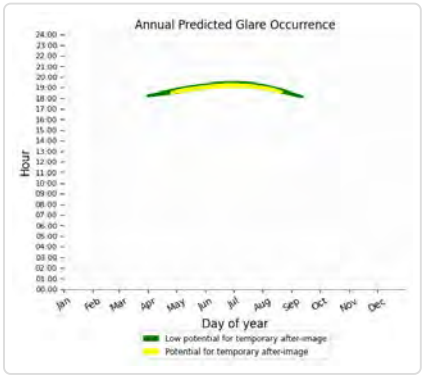


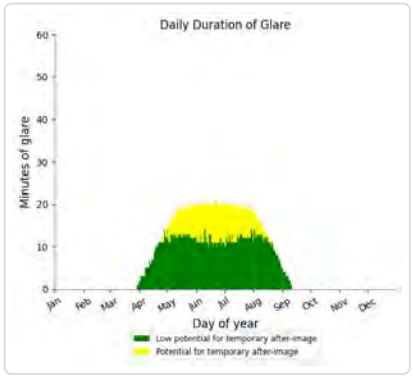


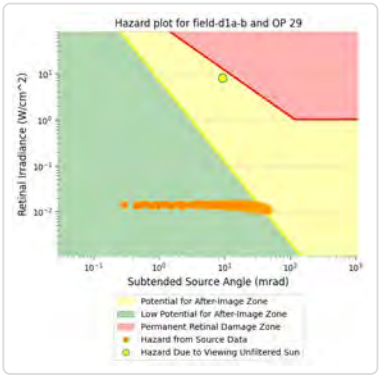
Field D1A-B Array: OP 29

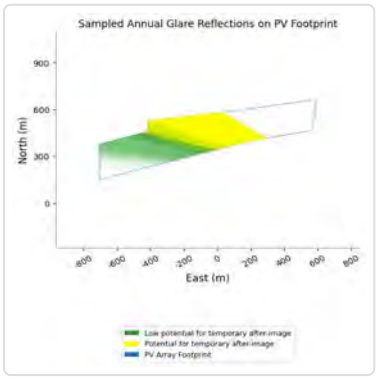
PV array is expected to produce the following glare for this receptor:

- 1,684 minutes of "green" glare with low potential to cause temporary after-image.
- 740 minutes of "yellow" glare with potential to cause temporary after-image.





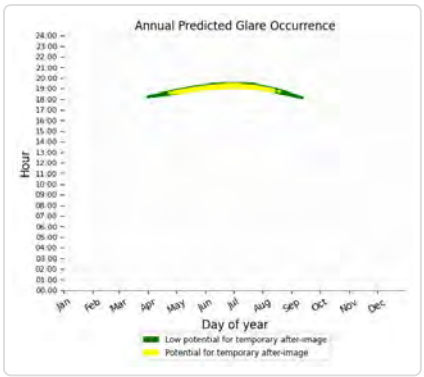


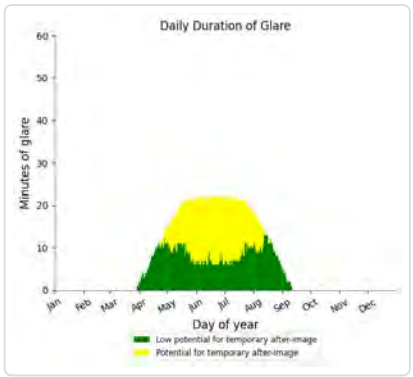


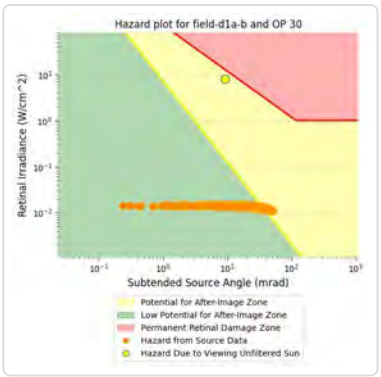
Field D1A-B Array: OP 30

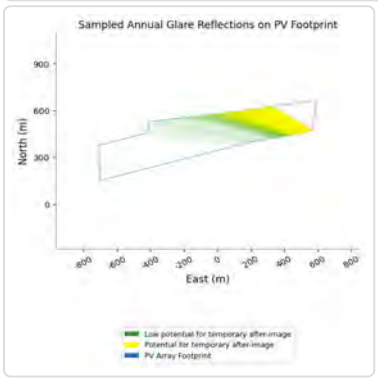
PV array is expected to produce the following glare for this receptor:

- 1,292 minutes of "green" glare with low potential to cause temporary after-image.
- 1,255 minutes of "yellow" glare with potential to cause temporary after-image.





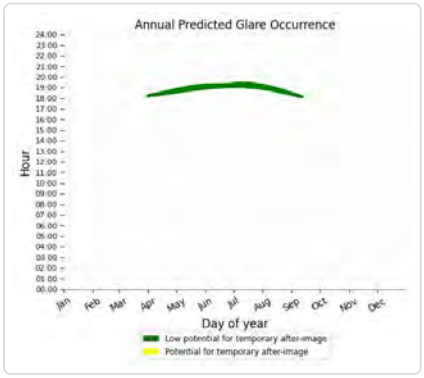


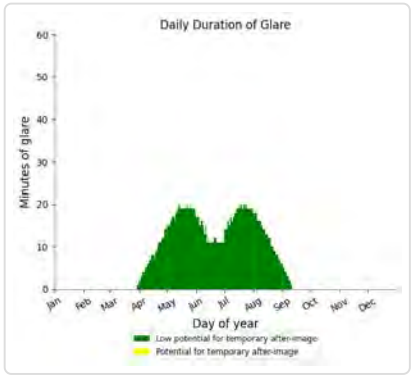


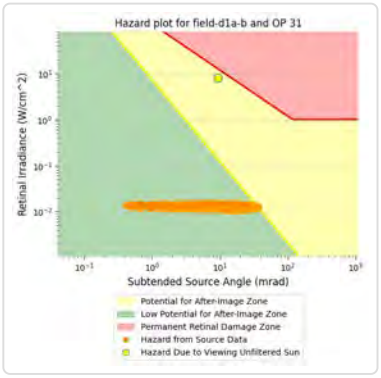
Field D1A-B Array: OP 31

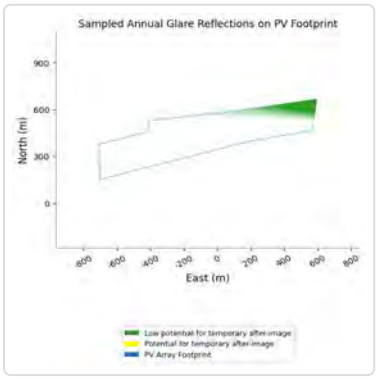
PV array is expected to produce the following glare for this receptor:

- 2,155 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 32

No glare found

Field D1A-B Array: OP 33

No glare found

Field D1A-B Array: OP 34

No glare found

Field D1A-B Array: OP 35

No glare found

Field D1A-B Array: OP 36

No glare found

Field D1A-B Array: OP 37

No glare found

Field D1A-B Array: OP 38

No glare found

Field D1A-B Array: OP 39

No glare found

Field D1A-B Array: OP 40

No glare found

Field D1A-B Array: OP 41

No glare found

Field D1A-B Array: OP 42

No glare found

Field D1A-B Array: OP 43

No glare found

Field D1A-B Array: OP 44

No glare found

Field D1A-B Array: OP 45

No glare found

Field D1A-B Array: OP 46

No glare found

Field D1A-B Array: OP 47

No glare found

Field D1A-B Array: OP 48

No glare found

Field D1A-B Array: OP 49

No glare found

Field D1A-B Array: OP 50

No glare found

Field D1A-B Array: OP 51

No glare found

Field D1A-B Array: OP 52

No glare found

Field D1A-B Array: OP 53

No glare found

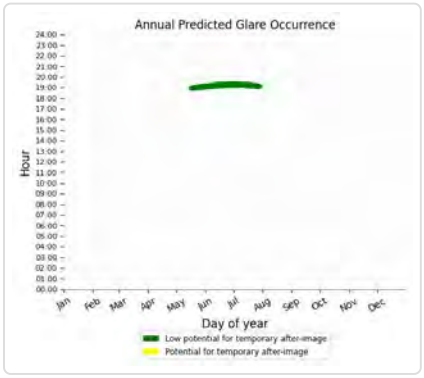
Field D1A-B Array: OP 54

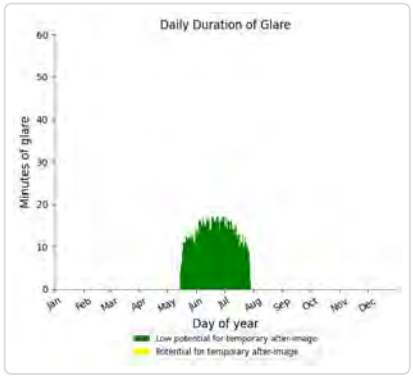
No glare found

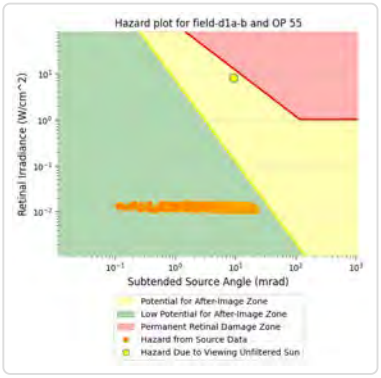
Field D1A-B Array: OP 55

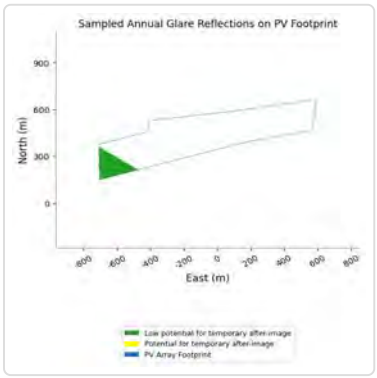
PV array is expected to produce the following glare for this receptor:

- 1,022 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





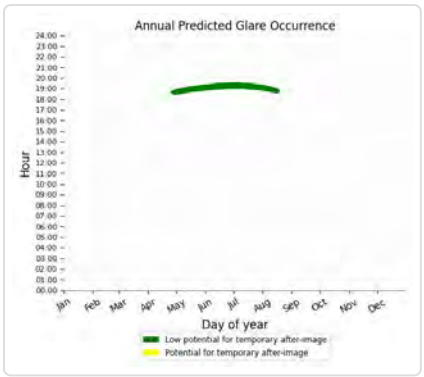


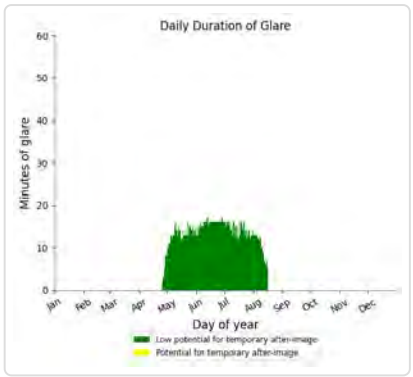


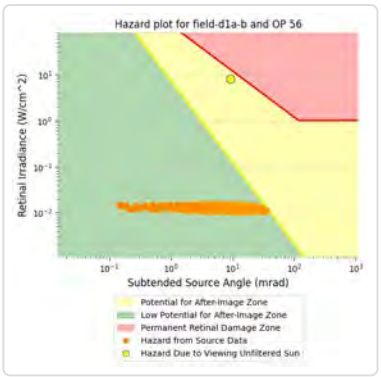
Field D1A-B Array: OP 56

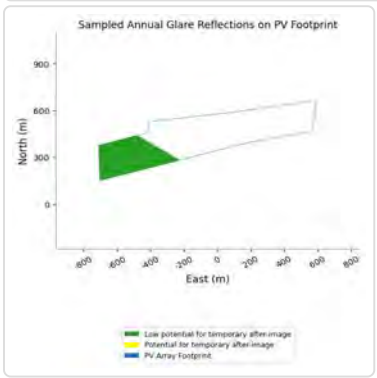
PV array is expected to produce the following glare for this receptor:

- 1,521 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





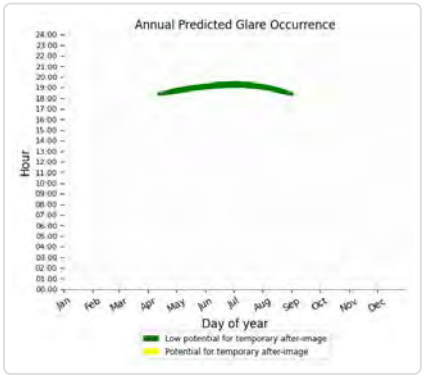


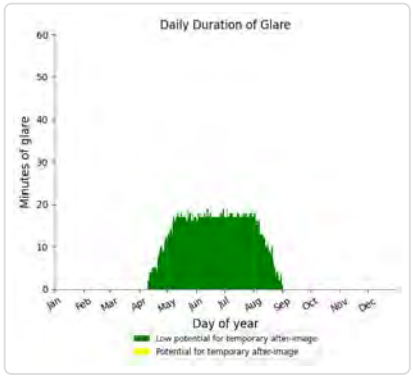


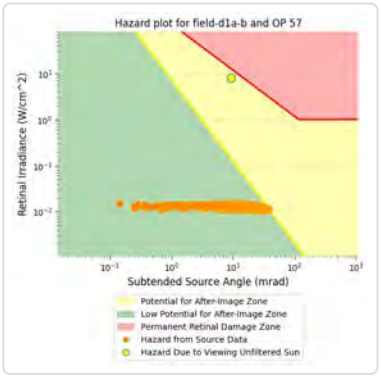
Field D1A-B Array: OP 57

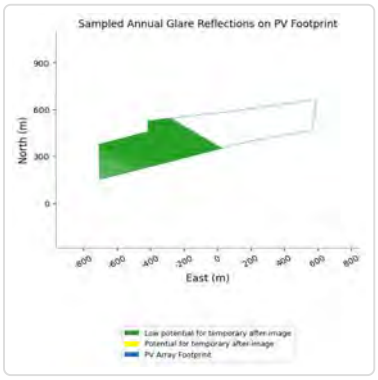
PV array is expected to produce the following glare for this receptor:

- 2,018 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





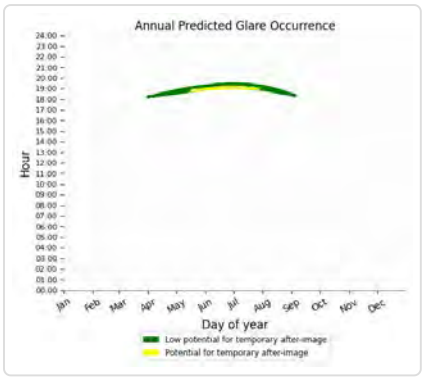


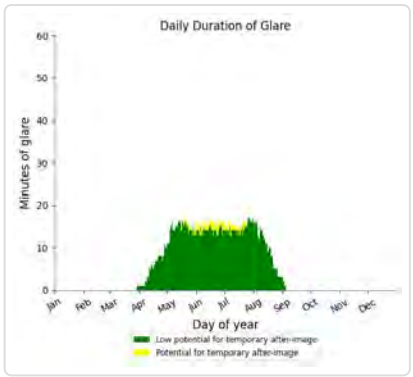


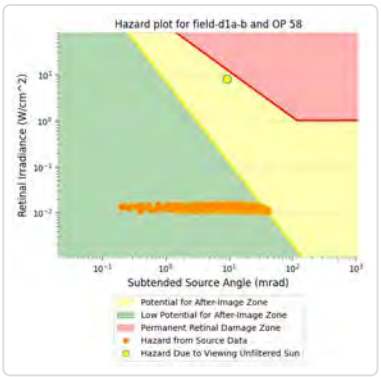
Field D1A-B Array: OP 58

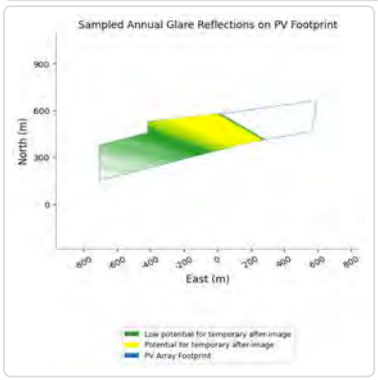
PV array is expected to produce the following glare for this receptor:

- 1,780 minutes of "green" glare with low potential to cause temporary after-image.
- 91 minutes of "yellow" glare with potential to cause temporary after-image.





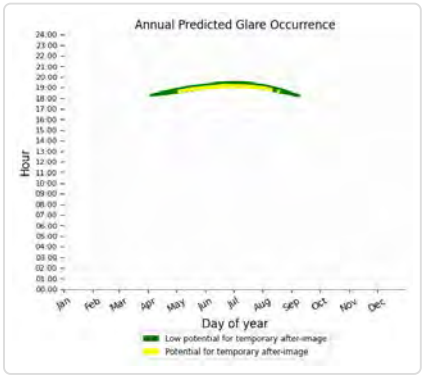


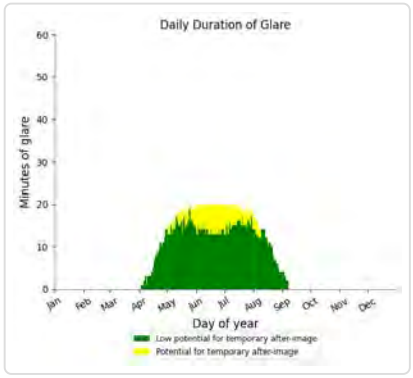


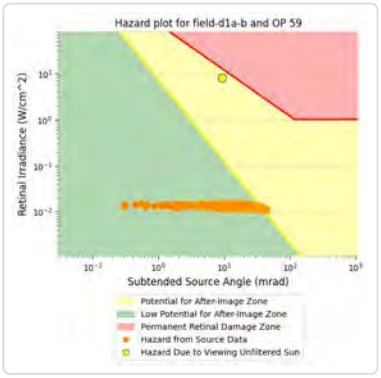
Field D1A-B Array: OP 59

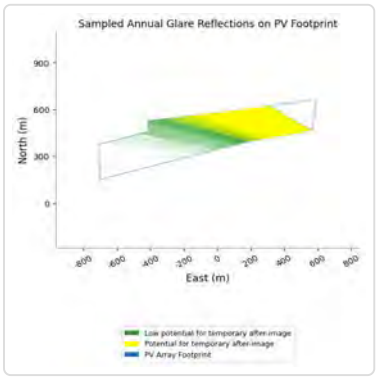
PV array is expected to produce the following glare for this receptor:

- 1,857 minutes of "green" glare with low potential to cause temporary after-image.
- 416 minutes of "yellow" glare with potential to cause temporary after-image.





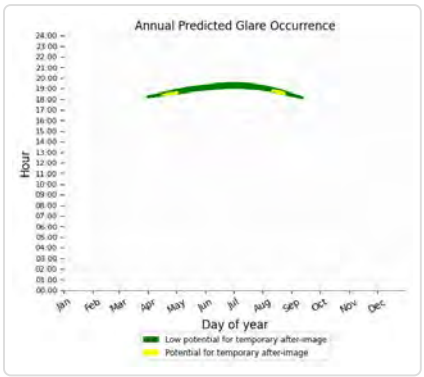


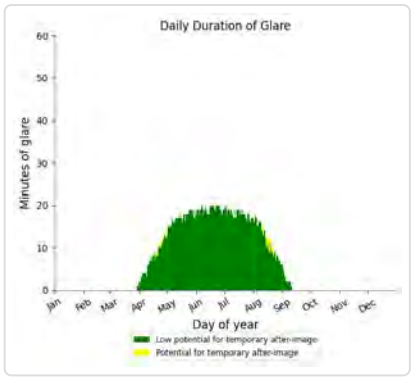


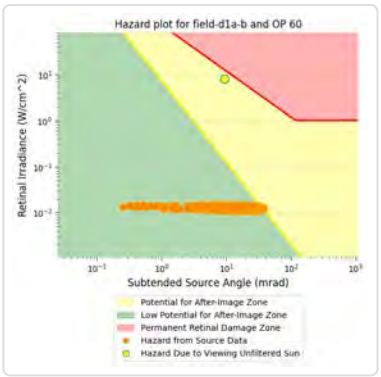
Field D1A-B Array: OP 60

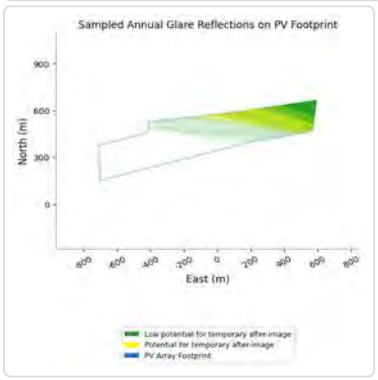
PV array is expected to produce the following glare for this receptor:

- 2,268 minutes of "green" glare with low potential to cause temporary after-image.
- 34 minutes of "yellow" glare with potential to cause temporary after-image.





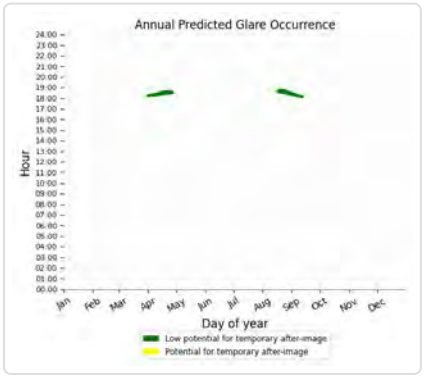


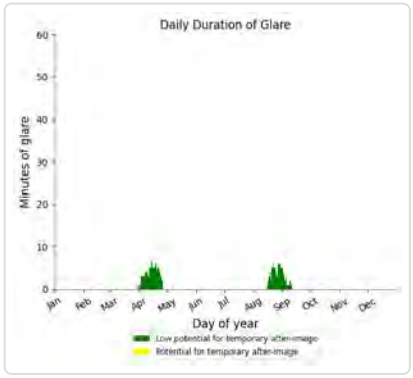


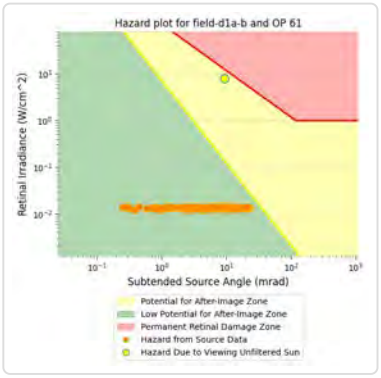
Field D1A-B Array: OP 61

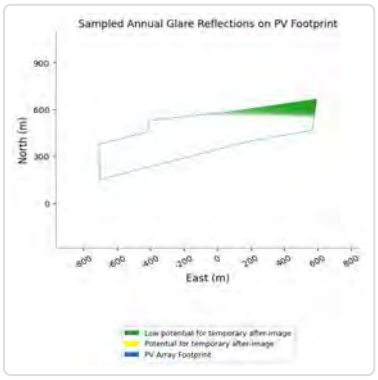
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





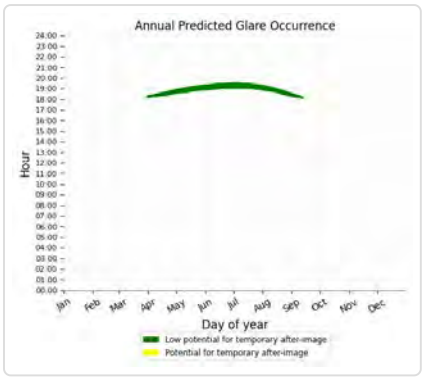




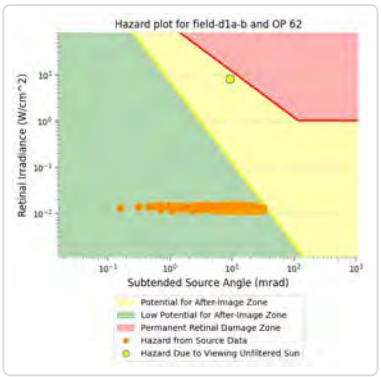
Field D1A-B Array: OP 62

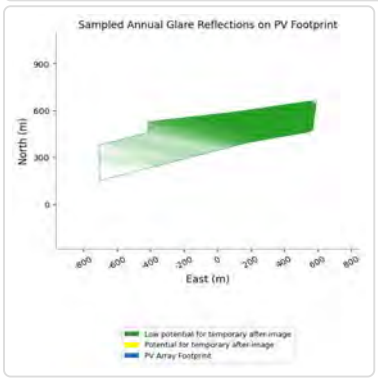
PV array is expected to produce the following glare for this receptor:

- 1,881 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





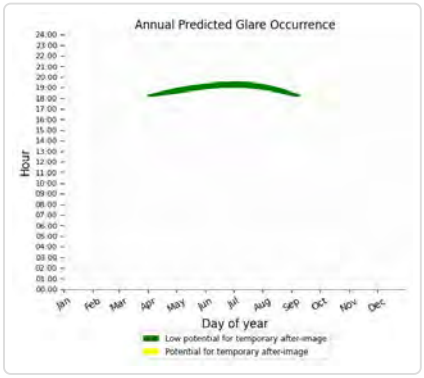


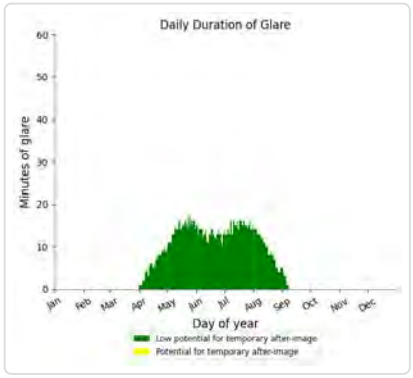


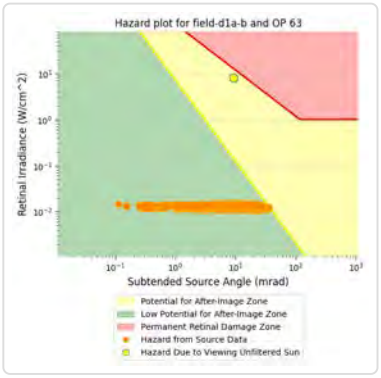
Field D1A-B Array: OP 63

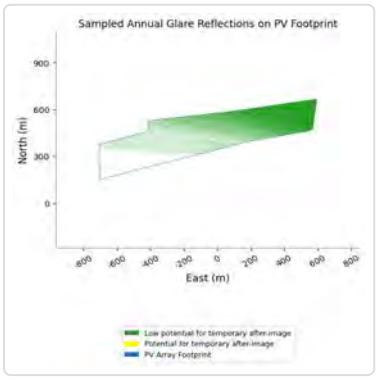
PV array is expected to produce the following glare for this receptor:

- 1,758 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





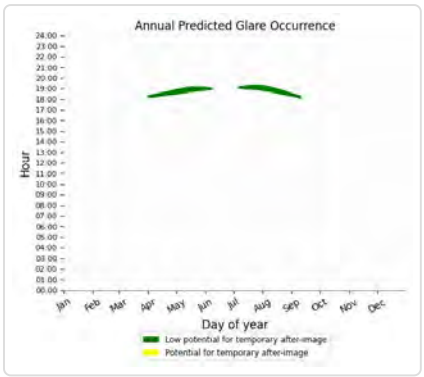


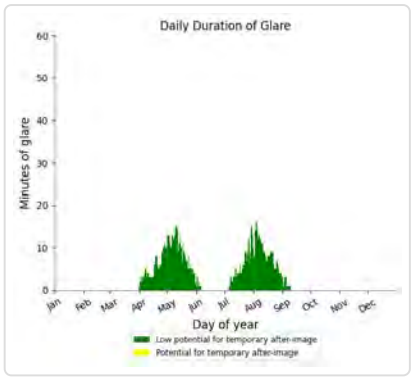


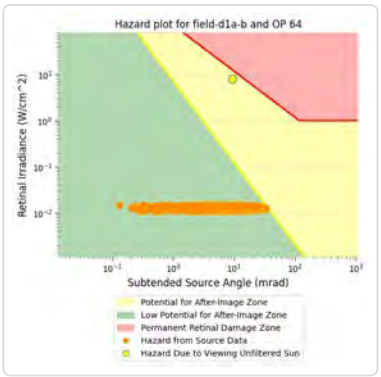
Field D1A-B Array: OP 64

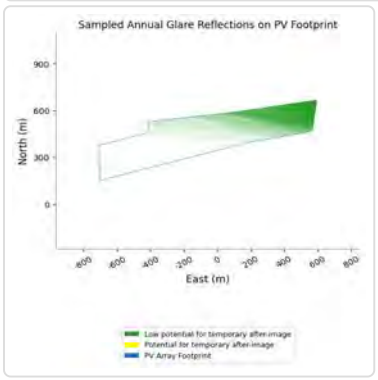
PV array is expected to produce the following glare for this receptor:

- 899 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 65

No glare found

Field D1A-B Array: OP 66

No glare found

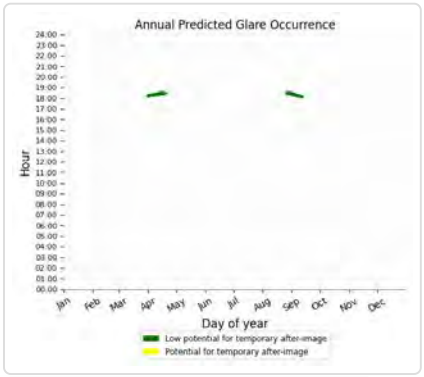
Field D1A-B Array: OP 67

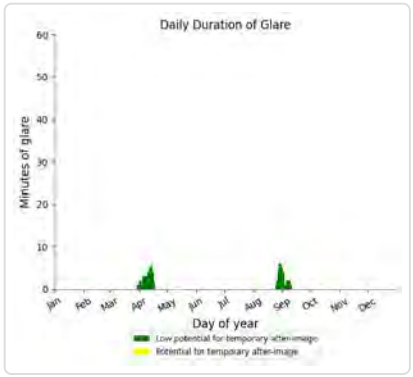
No glare found

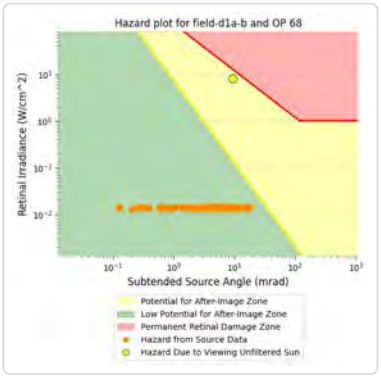
Field D1A-B Array: OP 68

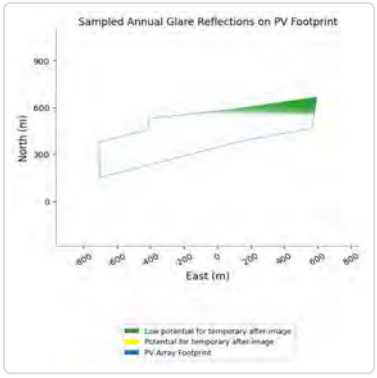
PV array is expected to produce the following glare for this receptor:

- 116 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 69

No glare found

Field D1A-B Array: OP 70

No glare found

Field D1C Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0

OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	1524	1288
OP: OP 32	691	2165
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	2028	0
OP: OP 61	1937	652
OP: OP 62	1062	0
OP: OP 63	1798	0
OP: OP 64	2145	0
OP: OP 65	2422	181
OP: OP 66	0	0

OP: OP 67	0	0
OP: OP 68	2499	0
OP: OP 69	545	0
OP: OP 70	0	0

Field D1C Array: OP 1

No glare found

Field D1C Array: OP 2

No glare found

Field D1C Array: OP 3

No glare found

Field D1C Array: OP 4

No glare found

Field D1C Array: OP 5

No glare found

Field D1C Array: OP 6

No glare found

Field D1C Array: OP 7

No glare found

Field D1C Array: OP 8

No glare found

Field D1C Array: OP 9

No glare found

Field D1C Array: OP 10

No glare found

Field D1C Array: OP 11

No glare found

Field D1C Array: OP 12

No glare found

Field D1C Array: OP 13

No glare found

Field D1C Array: OP 14

No glare found

Field D1C Array: OP 15

No glare found

Field D1C Array: OP 16

No glare found

Field D1C Array: OP 17

No glare found

Field D1C Array: OP 18

No glare found

Field D1C Array: OP 19

No glare found

Field D1C Array: OP 20

No glare found

Field D1C Array: OP 21

No glare found

Field D1C Array: OP 22

No glare found

Field D1C Array: OP 23

No glare found

Field D1C Array: OP 24

No glare found

Field D1C Array: OP 25

No glare found

Field D1C Array: OP 26

No glare found

Field D1C Array: OP 27

No glare found

Field D1C Array: OP 28

No glare found

Field D1C Array: OP 29

No glare found

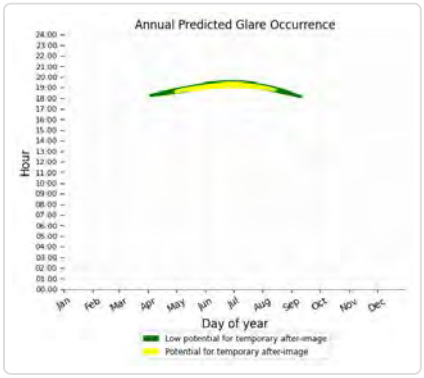
Field D1C Array: OP 30

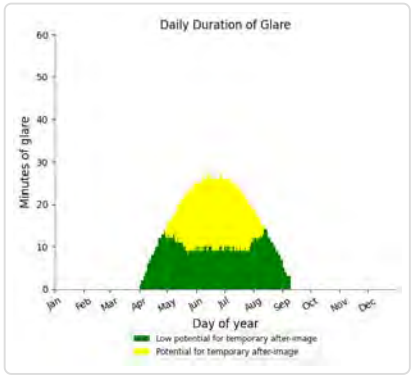
No glare found

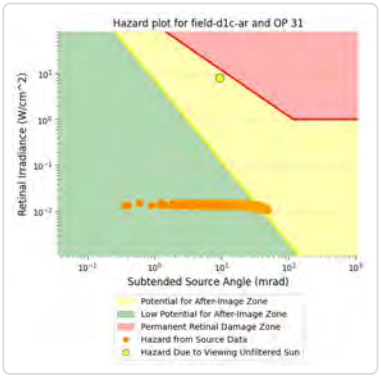
Field D1C Array: OP 31

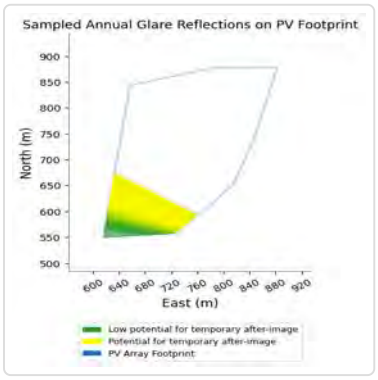
PV array is expected to produce the following glare for this receptor:

- 1,524 minutes of "green" glare with low potential to cause temporary after-image.
- 1,288 minutes of "yellow" glare with potential to cause temporary after-image.





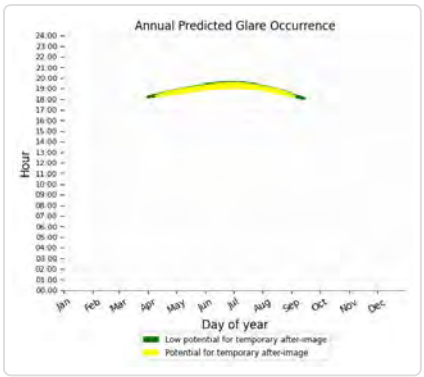


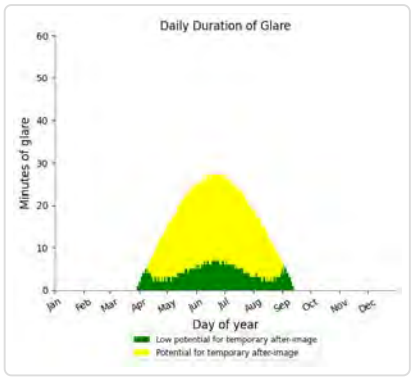


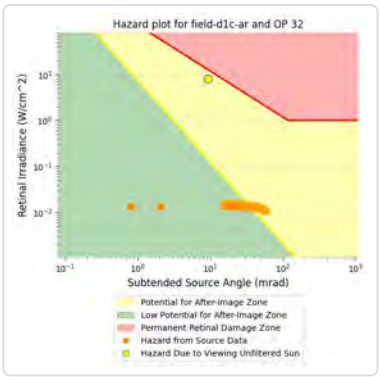
Field D1C Array: OP 32

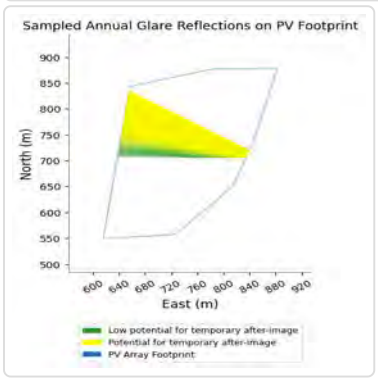
PV array is expected to produce the following glare for this receptor:

- 691 minutes of "green" glare with low potential to cause temporary after-image.
- 2,165 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 33

No glare found

Field D1C Array: OP 34

No glare found

Field D1C Array: OP 35

No glare found

Field D1C Array: OP 36

No glare found

Field D1C Array: OP 37

No glare found

Field D1C Array: OP 38

No glare found

Field D1C Array: OP 39

No glare found

Field D1C Array: OP 40

No glare found

Field D1C Array: OP 41

No glare found

Field D1C Array: OP 42

No glare found

Field D1C Array: OP 43

No glare found

Field D1C Array: OP 44

No glare found

Field D1C Array: OP 45

No glare found

Field D1C Array: OP 46

No glare found

Field D1C Array: OP 47

No glare found

Field D1C Array: OP 48

No glare found

Field D1C Array: OP 49

No glare found

Field D1C Array: OP 50

No glare found

Field D1C Array: OP 51

No glare found

Field D1C Array: OP 52

No glare found

Field D1C Array: OP 53

No glare found

Field D1C Array: OP 54

No glare found

Field D1C Array: OP 55

No glare found

Field D1C Array: OP 56

No glare found

Field D1C Array: OP 57

No glare found

Field D1C Array: OP 58

No glare found

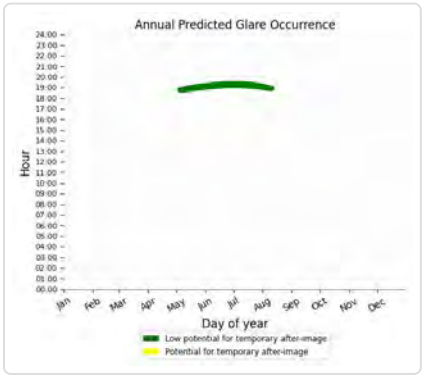
Field D1C Array: OP 59

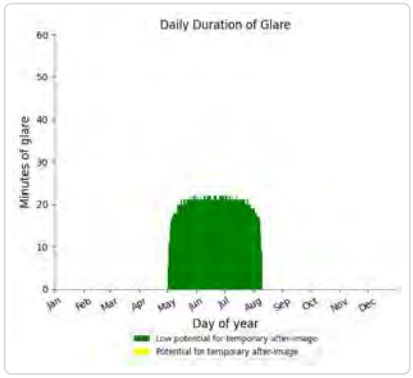
No glare found

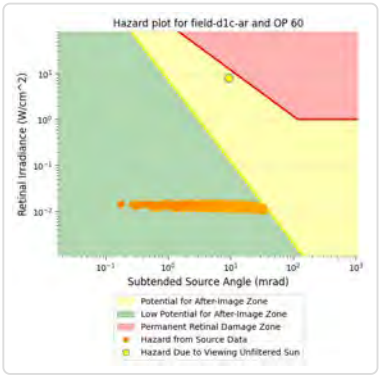
Field D1C Array: OP 60

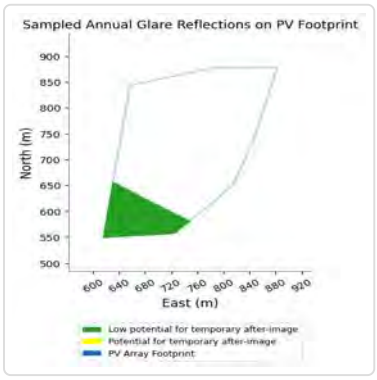
PV array is expected to produce the following glare for this receptor:

- 2,028 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





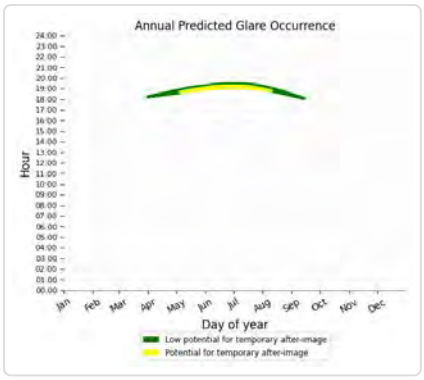


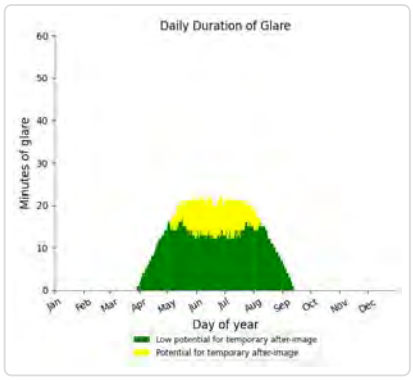


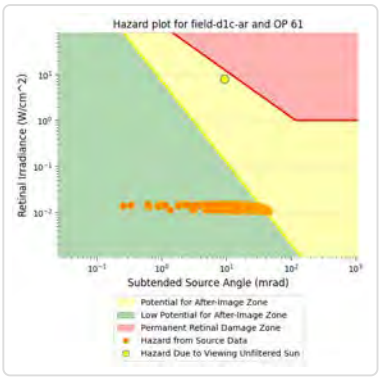
Field D1C Array: OP 61

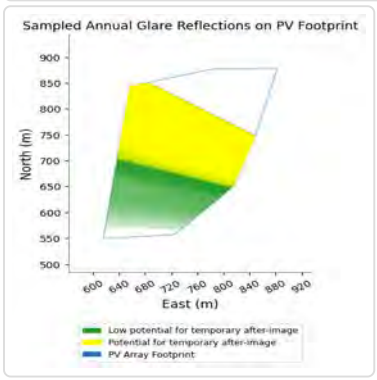
PV array is expected to produce the following glare for this receptor:

- 1,937 minutes of "green" glare with low potential to cause temporary after-image.
- 652 minutes of "yellow" glare with potential to cause temporary after-image.





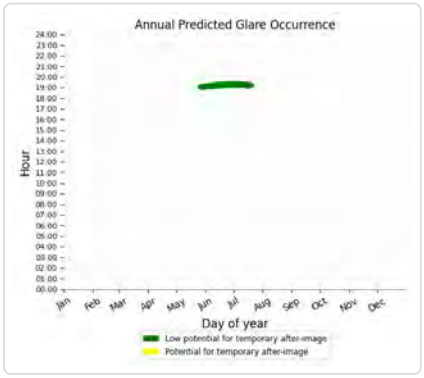


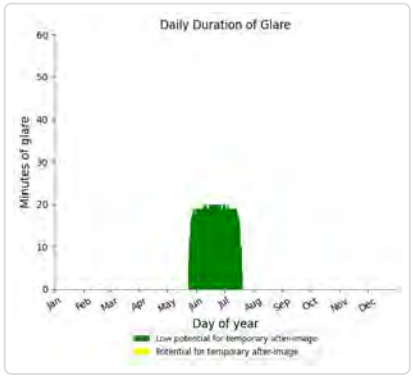


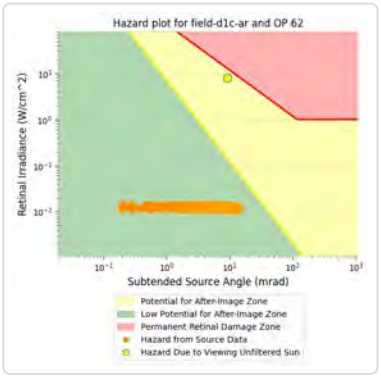
Field D1C Array: OP 62

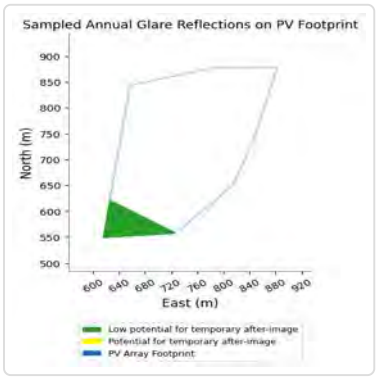
PV array is expected to produce the following glare for this receptor:

- 1,062 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





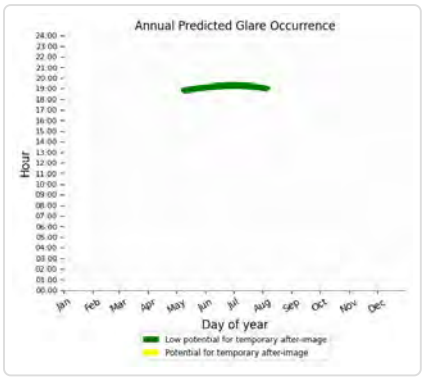




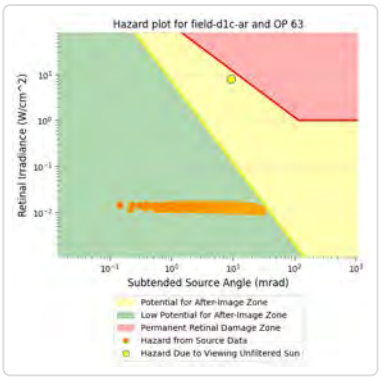
Field D1C Array: OP 63

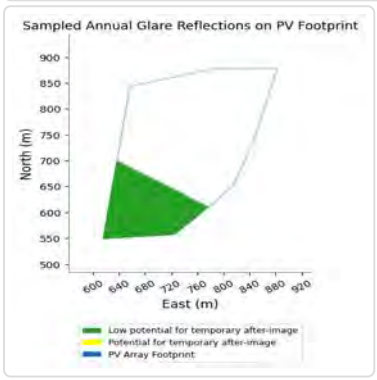
PV array is expected to produce the following glare for this receptor:

- 1,798 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





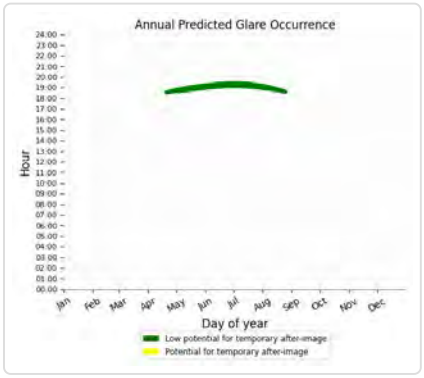


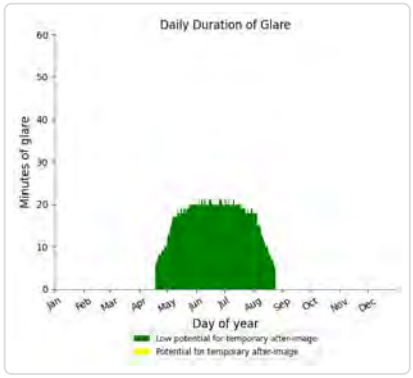


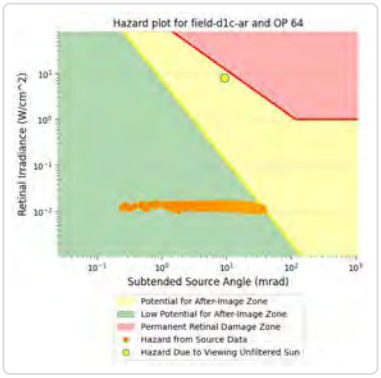
Field D1C Array: OP 64

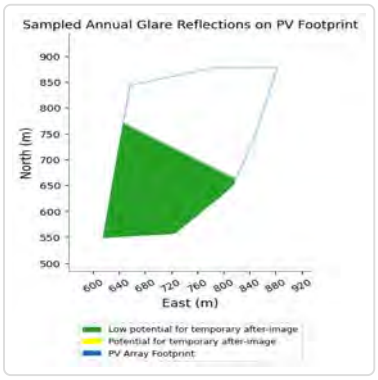
PV array is expected to produce the following glare for this receptor:

- 2,145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





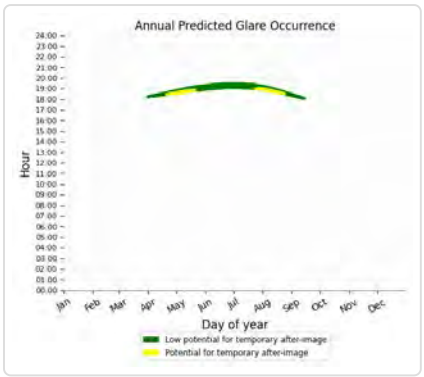


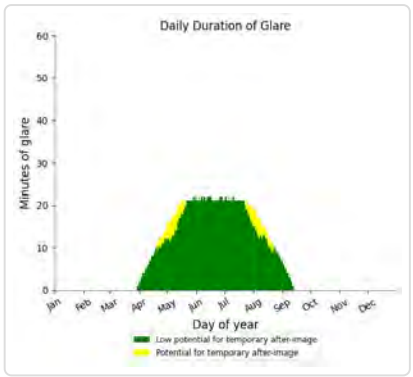


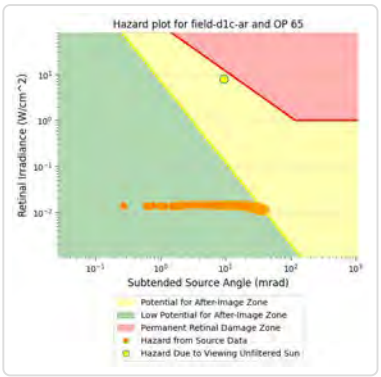
Field D1C Array: OP 65

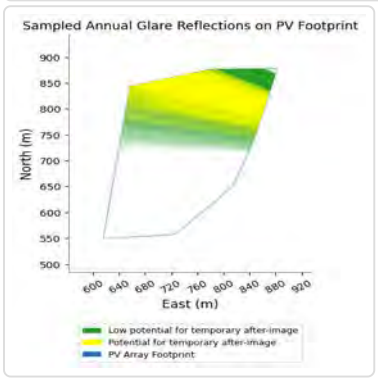
PV array is expected to produce the following glare for this receptor:

- 2,422 minutes of "green" glare with low potential to cause temporary after-image.
- 181 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 66

No glare found

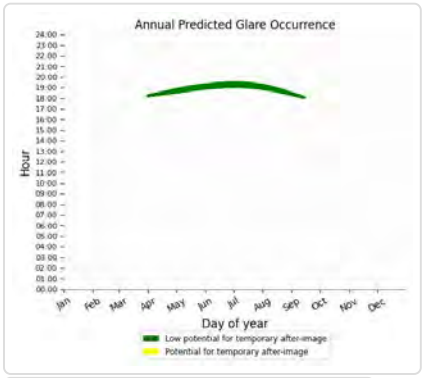
Field D1C Array: OP 67

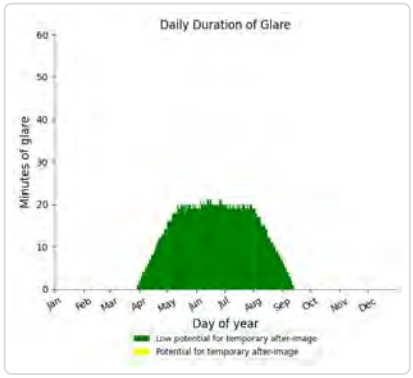
No glare found

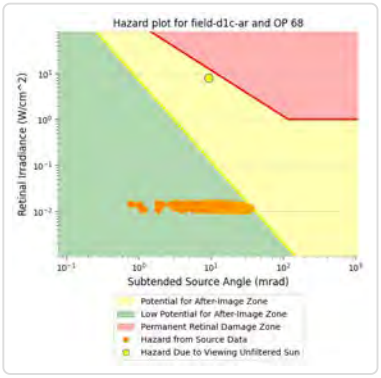
Field D1C Array: OP 68

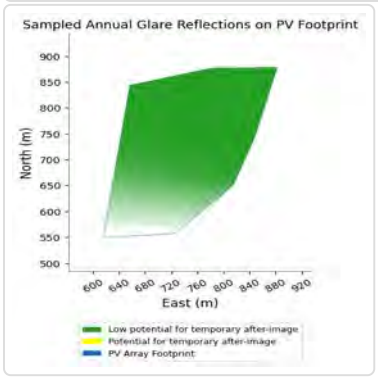
PV array is expected to produce the following glare for this receptor:

- 2,499 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





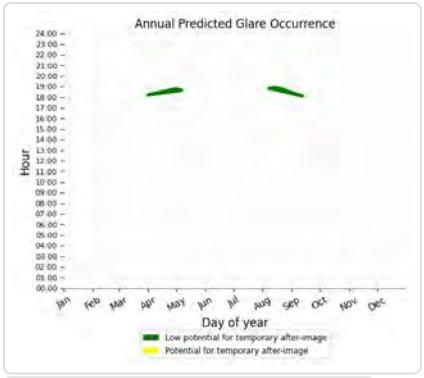


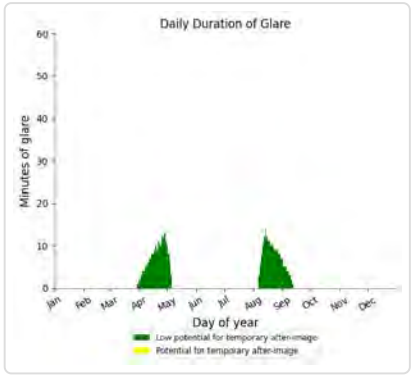


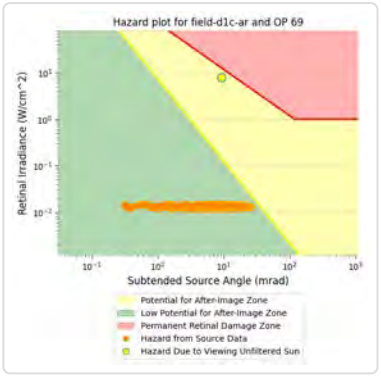
Field D1C Array: OP 69

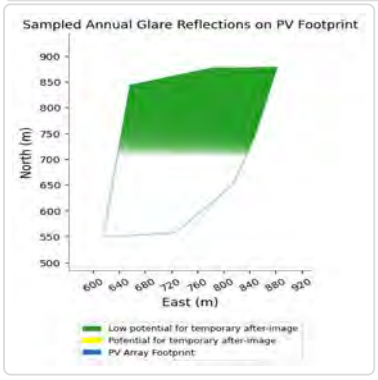
PV array is expected to produce the following glare for this receptor:

- 545 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 70

No glare found

Field D2 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	2053	55
OP: OP 22	1055	1437
OP: OP 23	1155	1369
OP: OP 24	1298	1008
OP: OP 25	1280	1250
OP: OP 26	1347	1171
OP: OP 27	1499	911
OP: OP 28	2081	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0

OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	82	0
OP: OP 50	1001	0
OP: OP 51	1659	24
OP: OP 52	1775	135
OP: OP 53	2033	129
OP: OP 54	1912	16
OP: OP 55	1516	18
OP: OP 56	2135	82
OP: OP 57	2163	0
OP: OP 58	155	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D2 Array: OP 1

No glare found

Field D2 Array: OP 2

No glare found

Field D2 Array: OP 3

No glare found

Field D2 Array: OP 4

No glare found

Field D2 Array: OP 5

No glare found

Field D2 Array: OP 6

No glare found

Field D2 Array: OP 7

No glare found

Field D2 Array: OP 8

No glare found

Field D2 Array: OP 9

No glare found

Field D2 Array: OP 10

No glare found

Field D2 Array: OP 11

No glare found

Field D2 Array: OP 12

No glare found

Field D2 Array: OP 13

No glare found

Field D2 Array: OP 14

No glare found

Field D2 Array: OP 15

No glare found

Field D2 Array: OP 16

No glare found

Field D2 Array: OP 17

No glare found

Field D2 Array: OP 18

No glare found

Field D2 Array: OP 19

No glare found

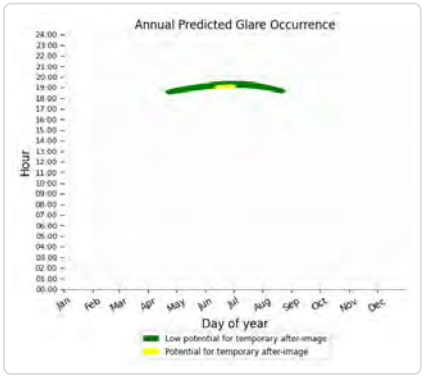
Field D2 Array: OP 20

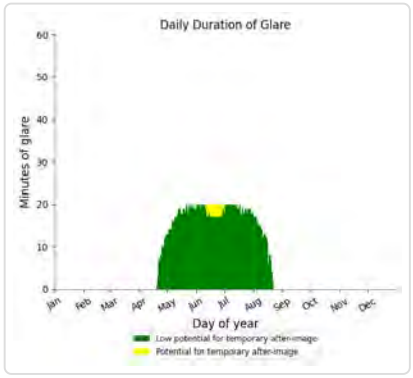
No glare found

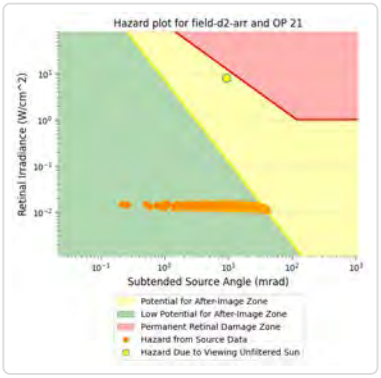
Field D2 Array: OP 21

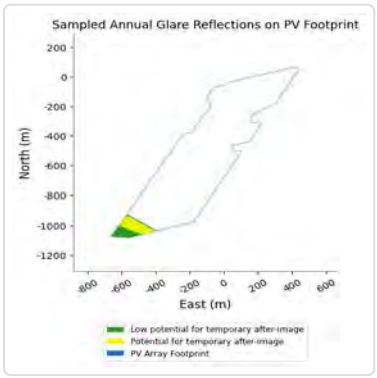
PV array is expected to produce the following glare for this receptor:

- 2,053 minutes of "green" glare with low potential to cause temporary after-image.
- 55 minutes of "yellow" glare with potential to cause temporary after-image.





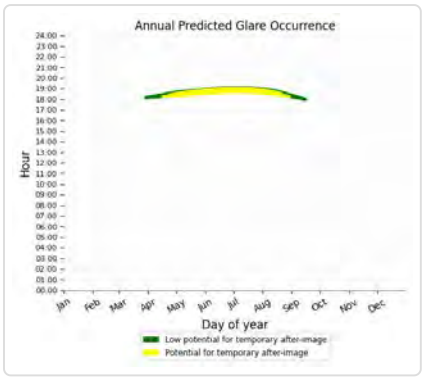


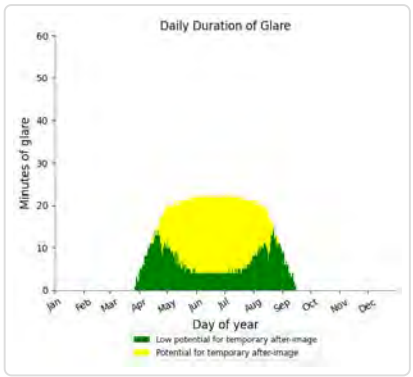


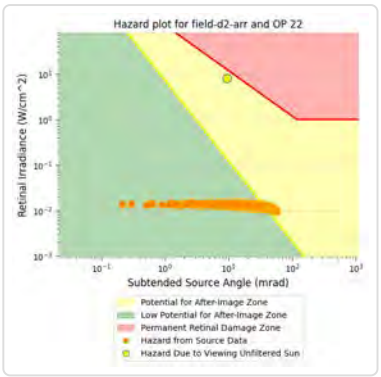
Field D2 Array: OP 22

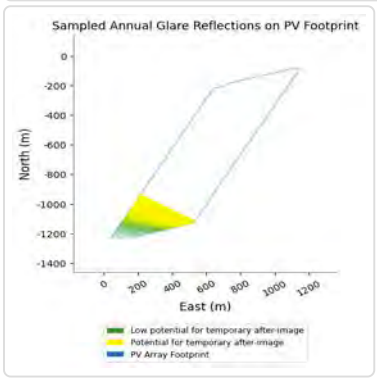
PV array is expected to produce the following glare for this receptor:

- 1,055 minutes of "green" glare with low potential to cause temporary after-image.
- 1,437 minutes of "yellow" glare with potential to cause temporary after-image.





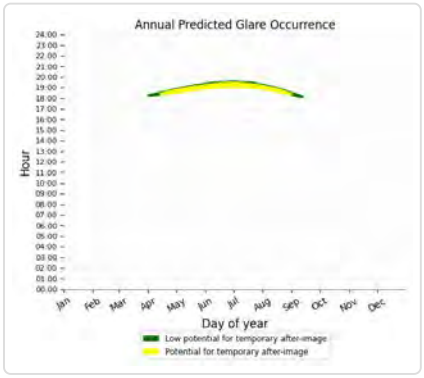


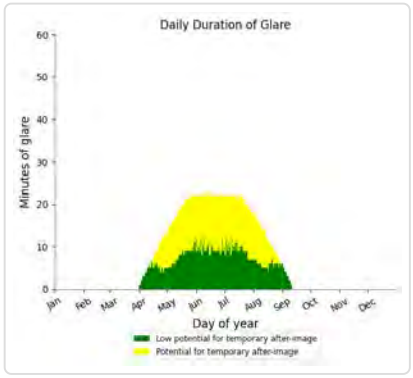


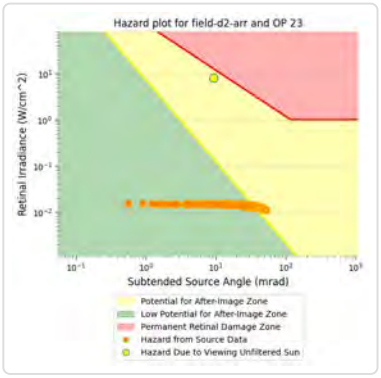
Field D2 Array: OP 23

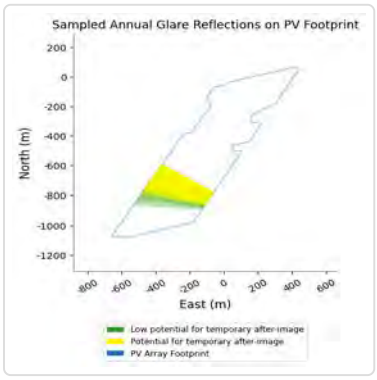
PV array is expected to produce the following glare for this receptor:

- 1,155 minutes of "green" glare with low potential to cause temporary after-image.
- 1,369 minutes of "yellow" glare with potential to cause temporary after-image.





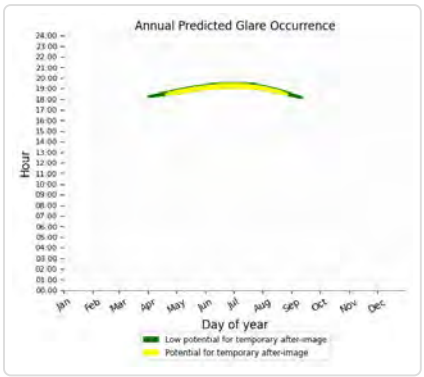


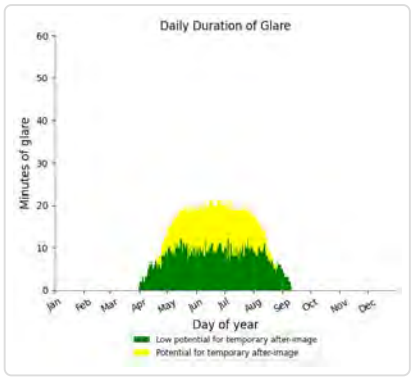


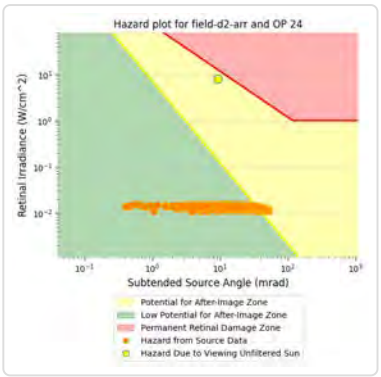
Field D2 Array: OP 24

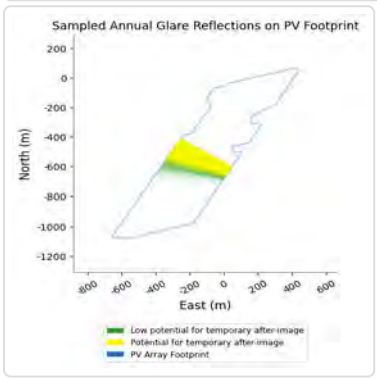
PV array is expected to produce the following glare for this receptor:

- 1,298 minutes of "green" glare with low potential to cause temporary after-image.
- 1,008 minutes of "yellow" glare with potential to cause temporary after-image.





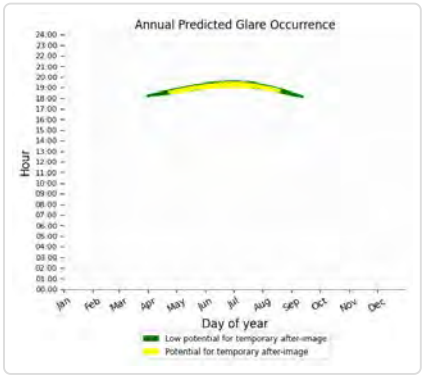


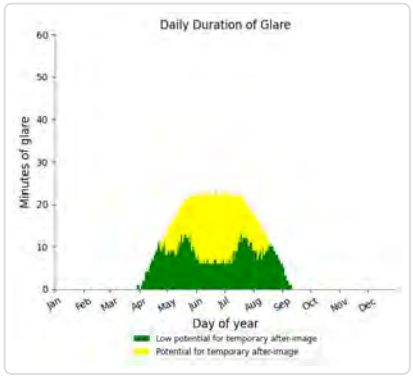


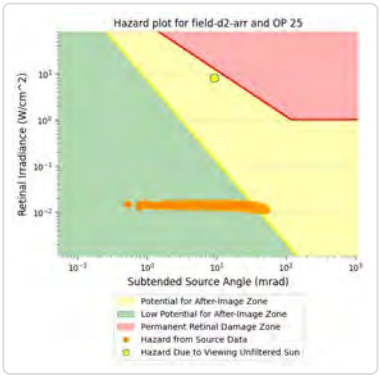
Field D2 Array: OP 25

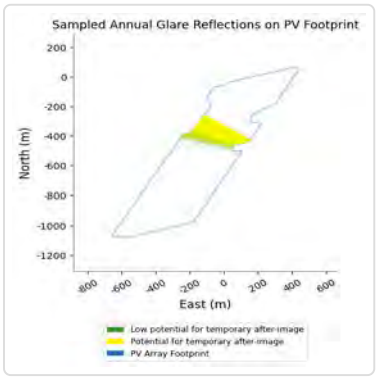
PV array is expected to produce the following glare for this receptor:

- 1,280 minutes of "green" glare with low potential to cause temporary after-image.
- 1,250 minutes of "yellow" glare with potential to cause temporary after-image.





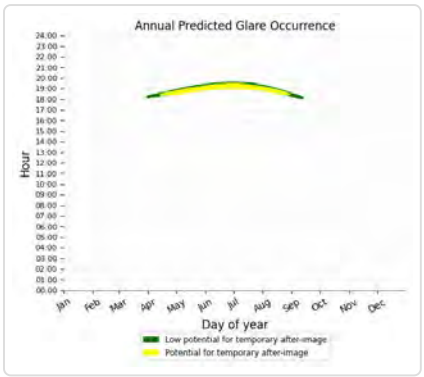


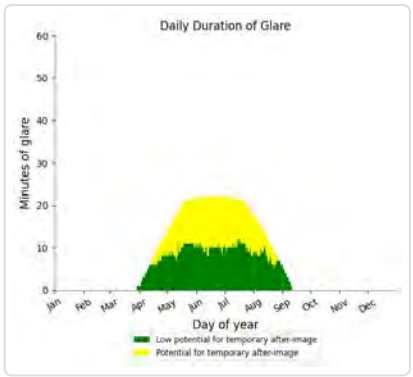


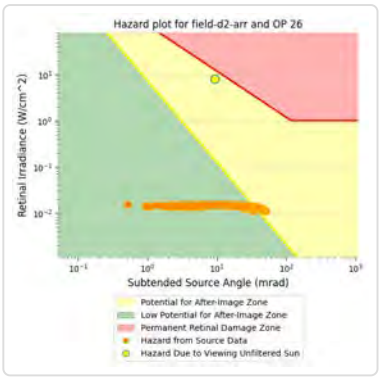
Field D2 Array: OP 26

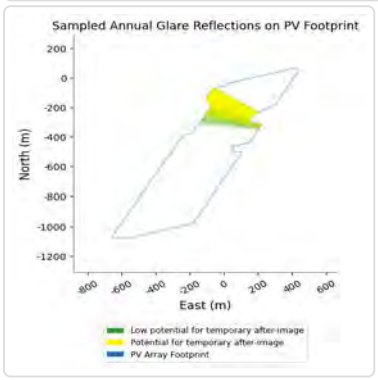
PV array is expected to produce the following glare for this receptor:

- 1,347 minutes of "green" glare with low potential to cause temporary after-image.
- 1,171 minutes of "yellow" glare with potential to cause temporary after-image.





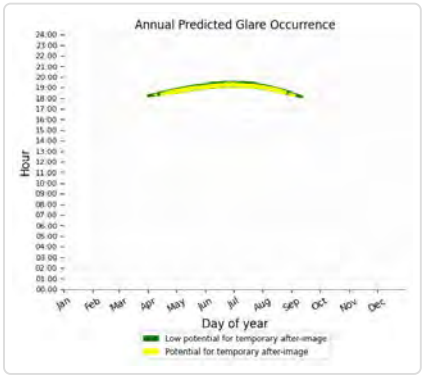


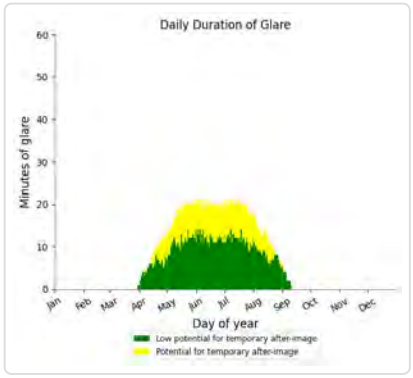


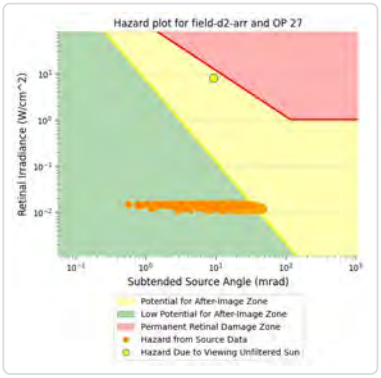
Field D2 Array: OP 27

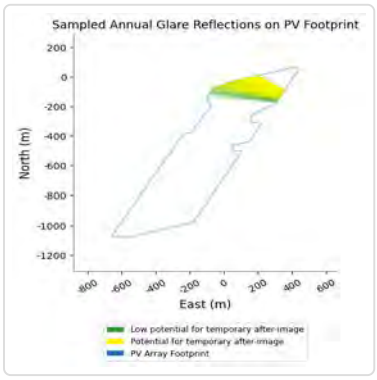
PV array is expected to produce the following glare for this receptor:

- 1,499 minutes of "green" glare with low potential to cause temporary after-image.
- 911 minutes of "yellow" glare with potential to cause temporary after-image.





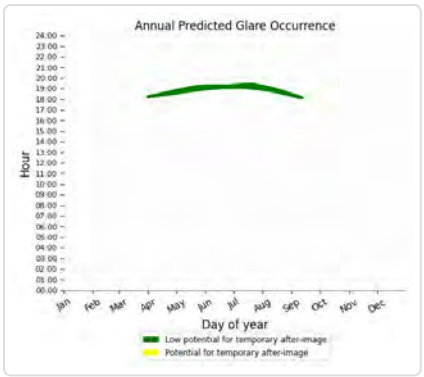




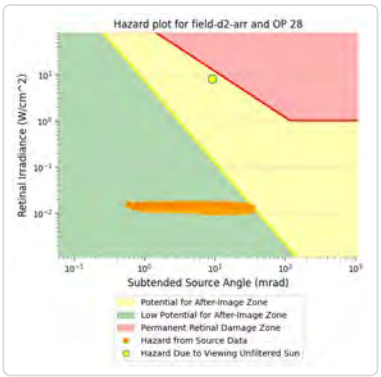
Field D2 Array: OP 28

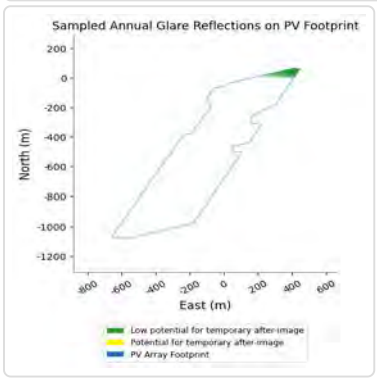
PV array is expected to produce the following glare for this receptor:

- 2,081 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 29

No glare found

Field D2 Array: OP 30

No glare found

Field D2 Array: OP 31

No glare found

Field D2 Array: OP 32

No glare found

Field D2 Array: OP 33

No glare found

Field D2 Array: OP 34

No glare found

Field D2 Array: OP 35

No glare found

Field D2 Array: OP 36

No glare found

Field D2 Array: OP 37

No glare found

Field D2 Array: OP 38

No glare found

Field D2 Array: OP 39

No glare found

Field D2 Array: OP 40

No glare found

Field D2 Array: OP 41

No glare found

Field D2 Array: OP 42

No glare found

Field D2 Array: OP 43

No glare found

Field D2 Array: OP 44

No glare found

Field D2 Array: OP 45

No glare found

Field D2 Array: OP 46

No glare found

Field D2 Array: OP 47

No glare found

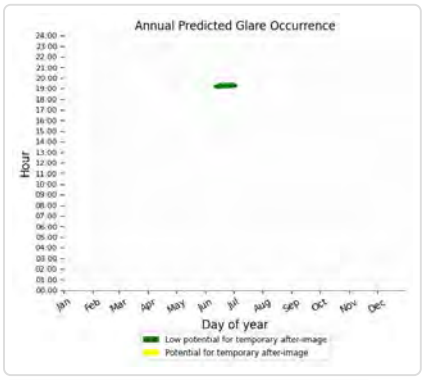
Field D2 Array: OP 48

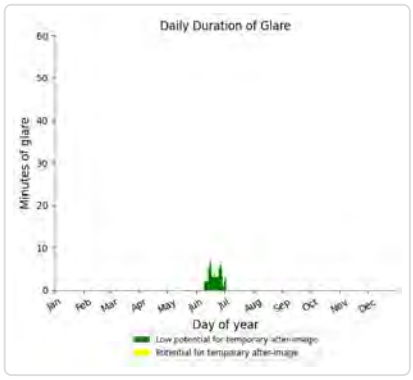
No glare found

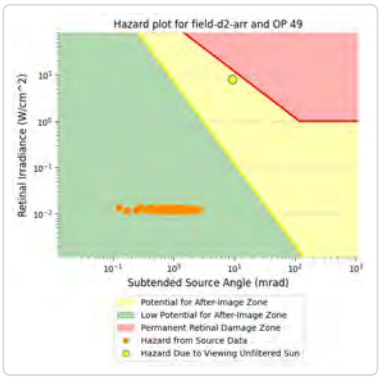
Field D2 Array: OP 49

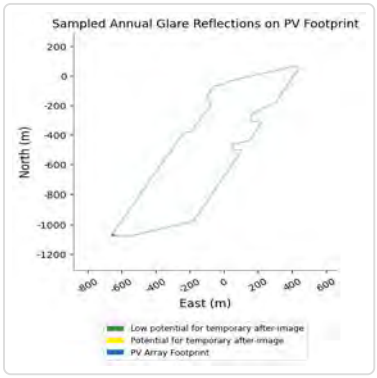
PV array is expected to produce the following glare for this receptor:

- 82 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





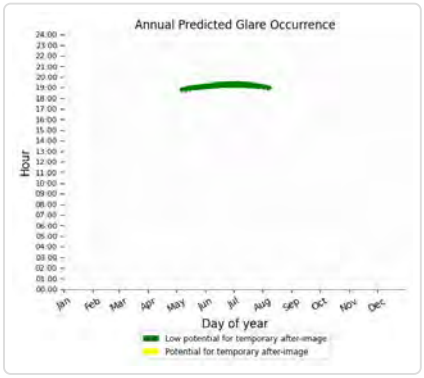


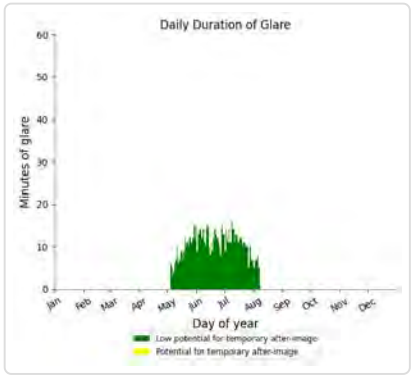


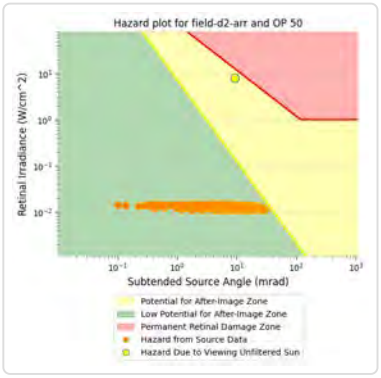
Field D2 Array: OP 50

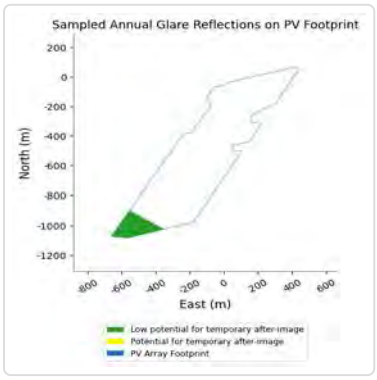
PV array is expected to produce the following glare for this receptor:

- 1,001 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





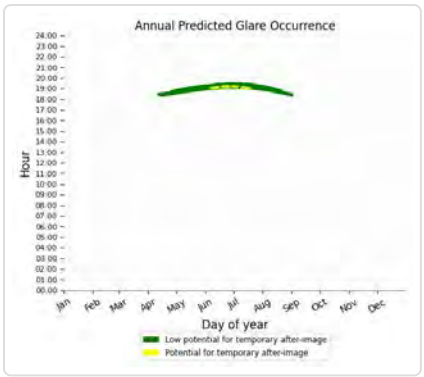


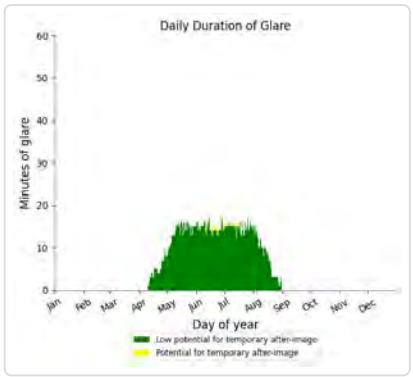


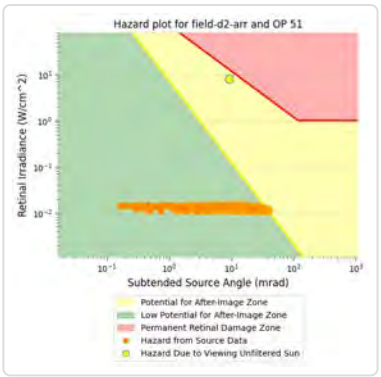
Field D2 Array: OP 51

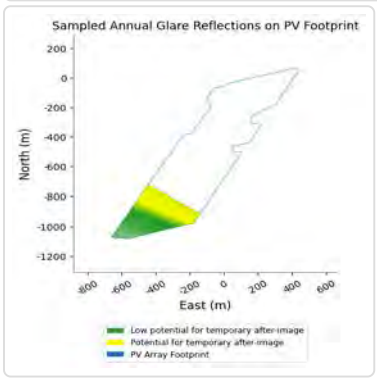
PV array is expected to produce the following glare for this receptor:

- 1,659 minutes of "green" glare with low potential to cause temporary after-image.
- 24 minutes of "yellow" glare with potential to cause temporary after-image.





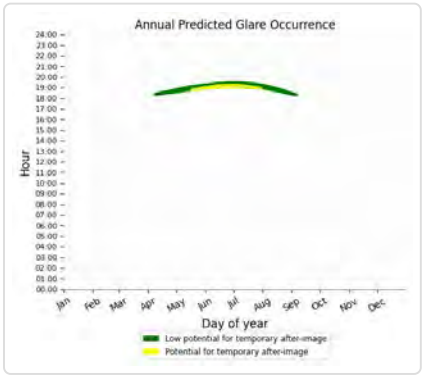


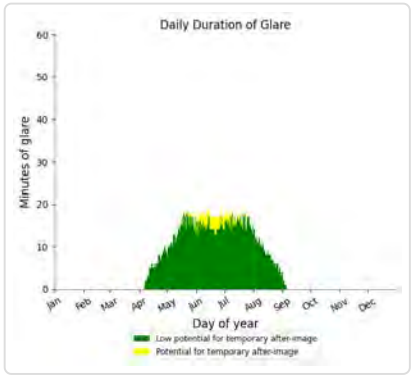


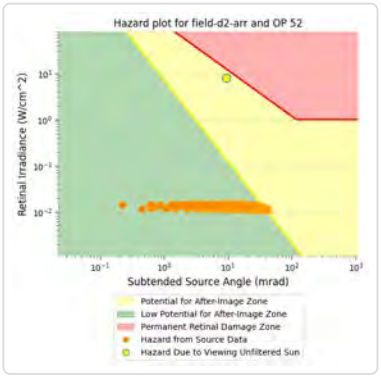
Field D2 Array: OP 52

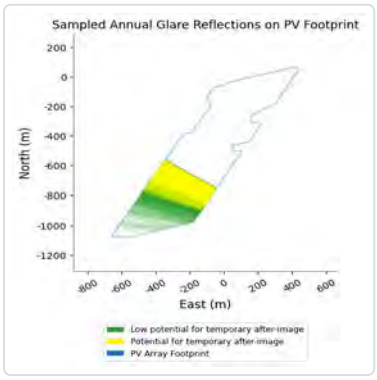
PV array is expected to produce the following glare for this receptor:

- 1,775 minutes of "green" glare with low potential to cause temporary after-image.
- 135 minutes of "yellow" glare with potential to cause temporary after-image.





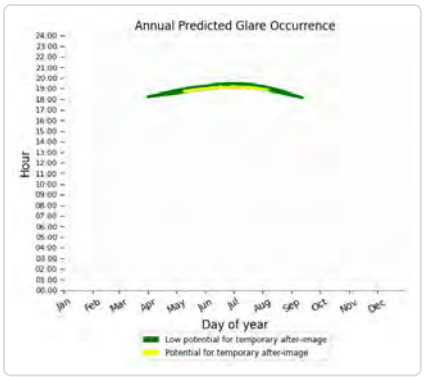


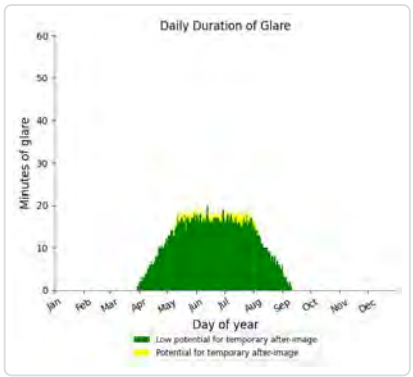


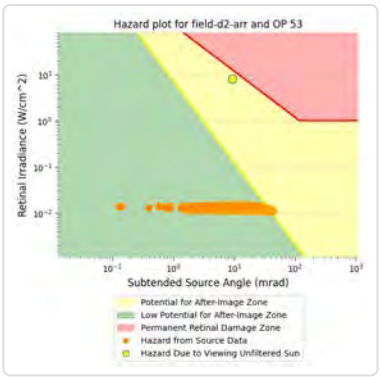
Field D2 Array: OP 53

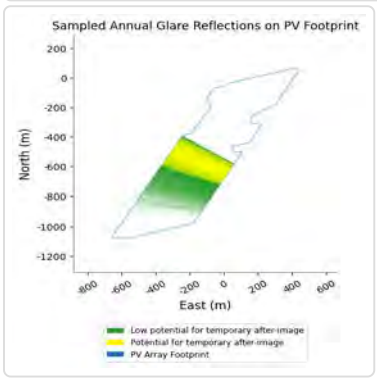
PV array is expected to produce the following glare for this receptor:

- 2,033 minutes of "green" glare with low potential to cause temporary after-image.
- 129 minutes of "yellow" glare with potential to cause temporary after-image.





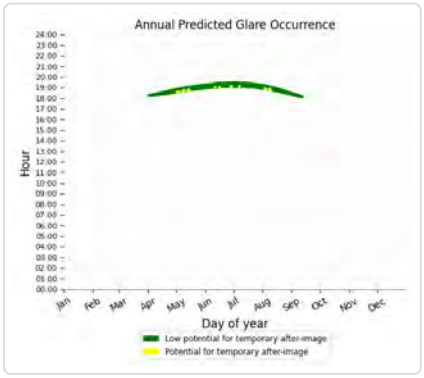


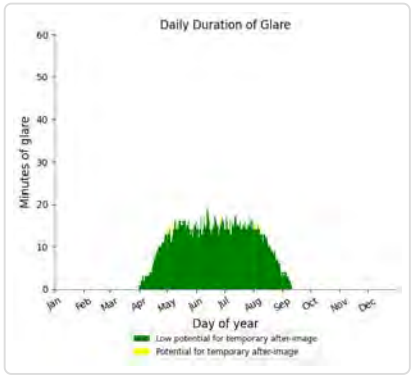


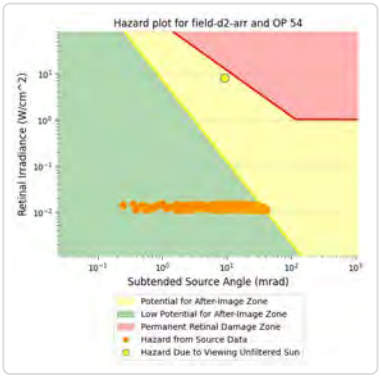
Field D2 Array: OP 54

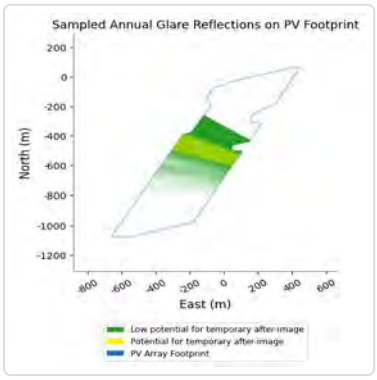
PV array is expected to produce the following glare for this receptor:

- 1,912 minutes of "green" glare with low potential to cause temporary after-image.
- 16 minutes of "yellow" glare with potential to cause temporary after-image.





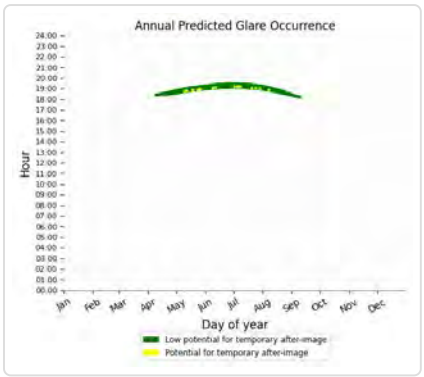


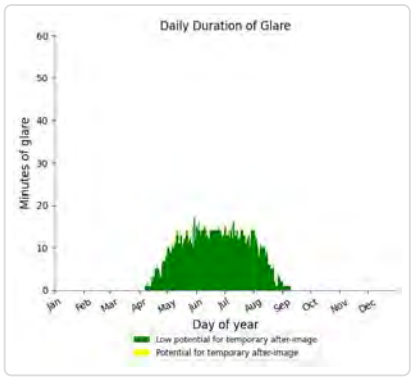


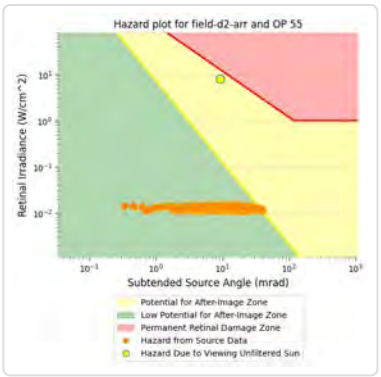
Field D2 Array: OP 55

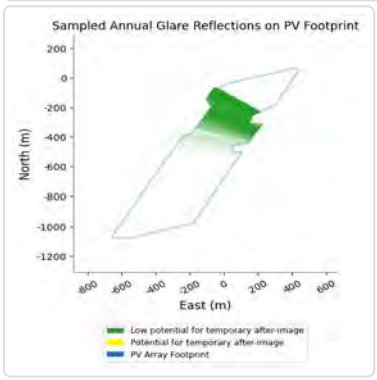
PV array is expected to produce the following glare for this receptor:

- 1,516 minutes of "green" glare with low potential to cause temporary after-image.
- 18 minutes of "yellow" glare with potential to cause temporary after-image.





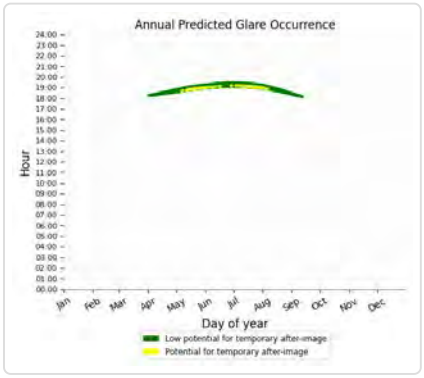


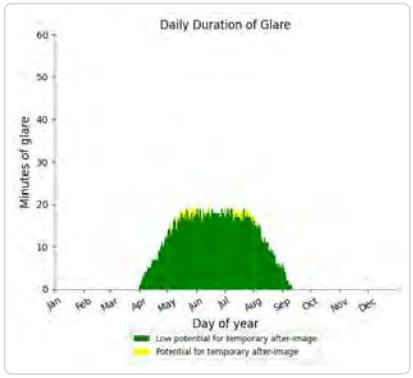


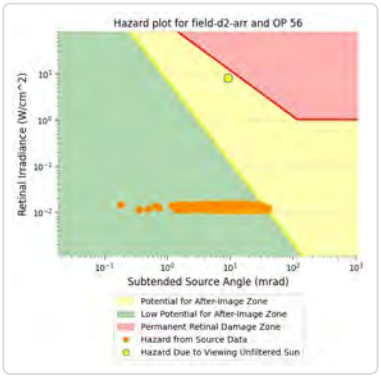
Field D2 Array: OP 56

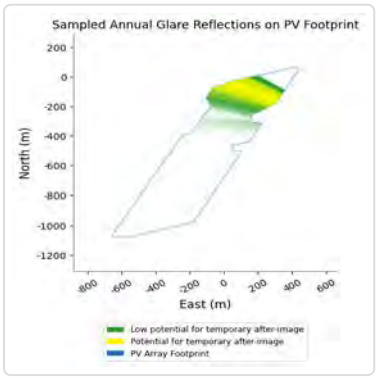
PV array is expected to produce the following glare for this receptor:

- 2,135 minutes of "green" glare with low potential to cause temporary after-image.
- 82 minutes of "yellow" glare with potential to cause temporary after-image.





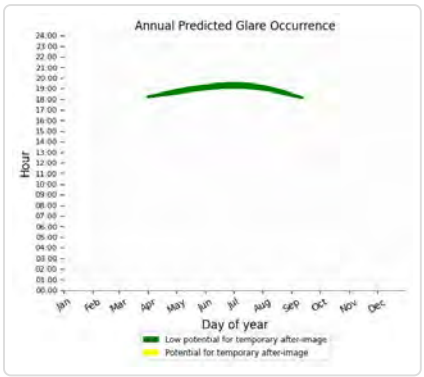


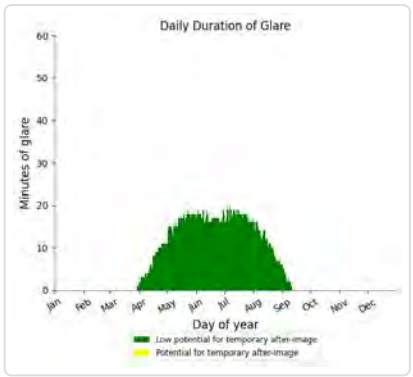


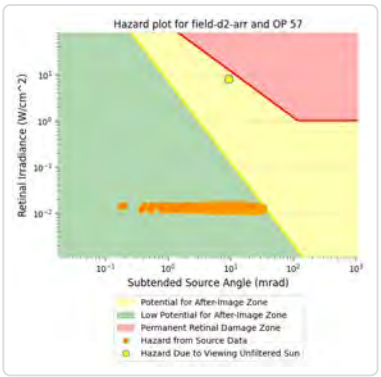
Field D2 Array: OP 57

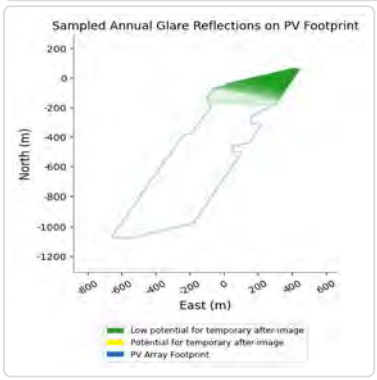
PV array is expected to produce the following glare for this receptor:

- 2,163 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





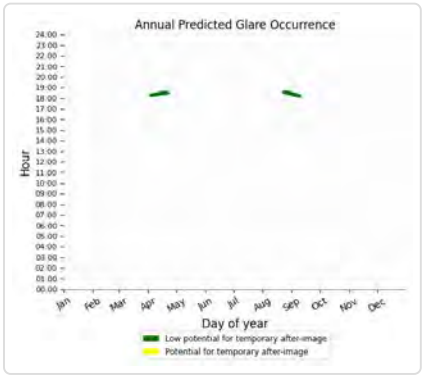


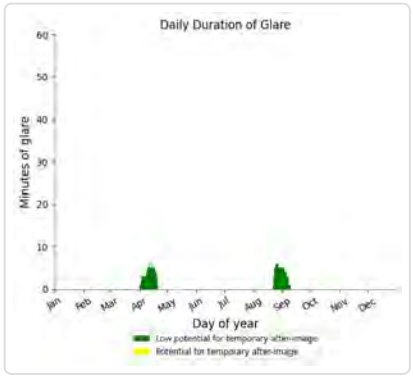


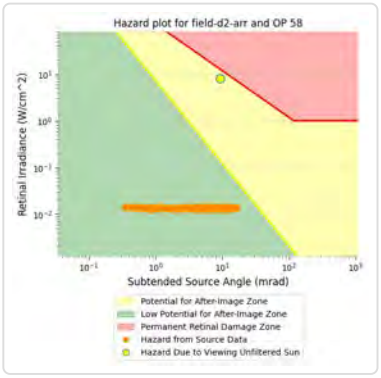
Field D2 Array: OP 58

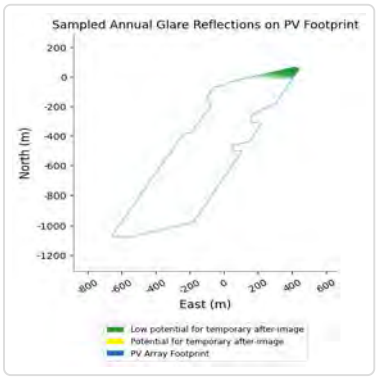
PV array is expected to produce the following glare for this receptor:

- 155 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 59

No glare found

Field D2 Array: OP 60

No glare found

Field D2 Array: OP 61

No glare found

Field D2 Array: OP 62

No glare found

Field D2 Array: OP 63

No glare found

Field D2 Array: OP 64

No glare found

Field D2 Array: OP 65

No glare found

Field D2 Array: OP 66

No glare found

Field D2 Array: OP 67

No glare found

Field D2 Array: OP 68

No glare found

Field D2 Array: OP 69

No glare found

Field D2 Array: OP 70

No glare found

Field D3 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	293	0
OP: OP 15	1294	29
OP: OP 16	1403	60
OP: OP 17	850	0
OP: OP 18	527	0
OP: OP 19	664	3
OP: OP 20	1615	136
OP: OP 21	1854	232
OP: OP 22	1745	323
OP: OP 23	1824	445
OP: OP 24	1450	76
OP: OP 25	1607	38
OP: OP 26	1813	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	745	0
OP: OP 47	1163	0
OP: OP 48	1245	0
OP: OP 49	802	0
OP: OP 50	869	0
OP: OP 51	1328	0
OP: OP 52	1548	34
OP: OP 53	1321	12
OP: OP 54	1103	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D3 Array: OP 1

No glare found

Field D3 Array: OP 2

No glare found

Field D3 Array: OP 3

No glare found

Field D3 Array: OP 4

No glare found

Field D3 Array: OP 5

No glare found

Field D3 Array: OP 6

No glare found

Field D3 Array: OP 7

No glare found

Field D3 Array: OP 8

No glare found

Field D3 Array: OP 9

No glare found

Field D3 Array: OP 10

No glare found

Field D3 Array: OP 11

No glare found

Field D3 Array: OP 12

No glare found

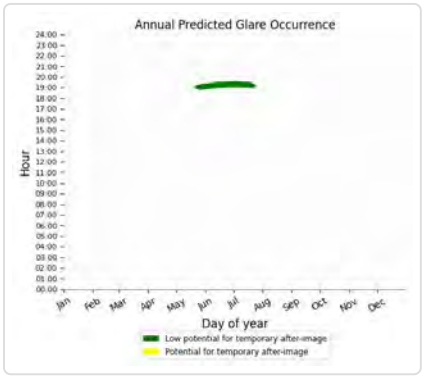
Field D3 Array: OP 13

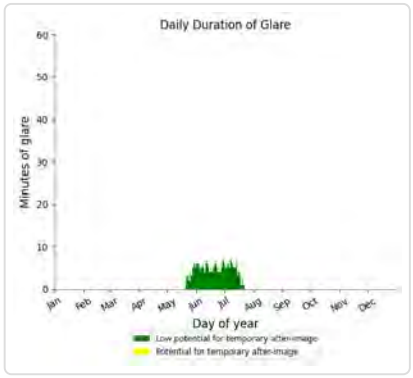
No glare found

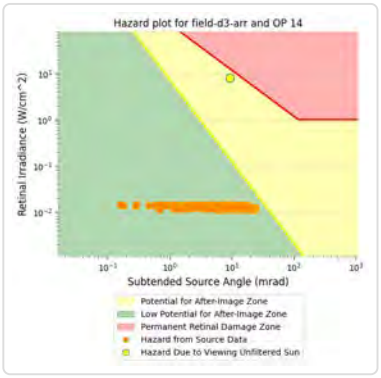
Field D3 Array: OP 14

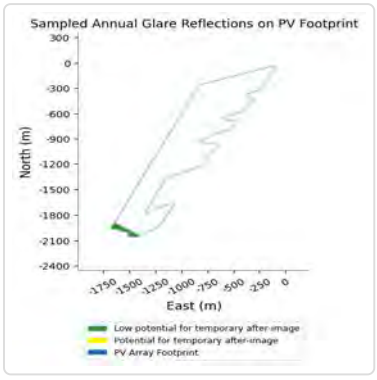
PV array is expected to produce the following glare for this receptor:

- 293 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





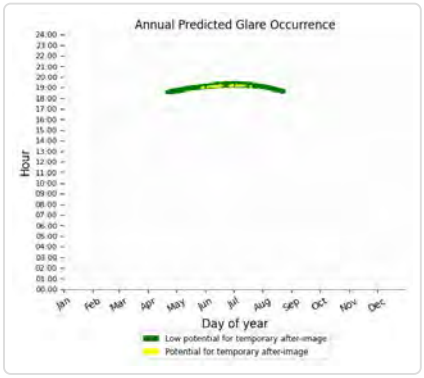


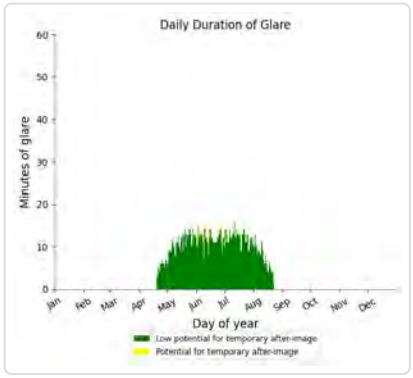


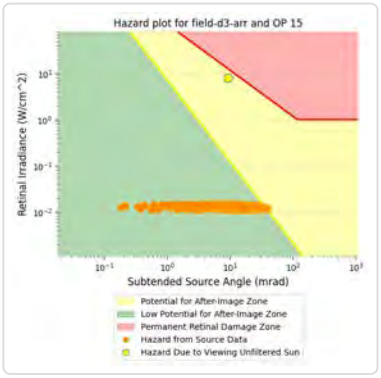
Field D3 Array: OP 15

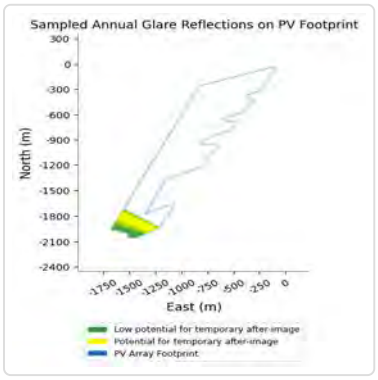
PV array is expected to produce the following glare for this receptor:

- 1,294 minutes of "green" glare with low potential to cause temporary after-image.
- 29 minutes of "yellow" glare with potential to cause temporary after-image.





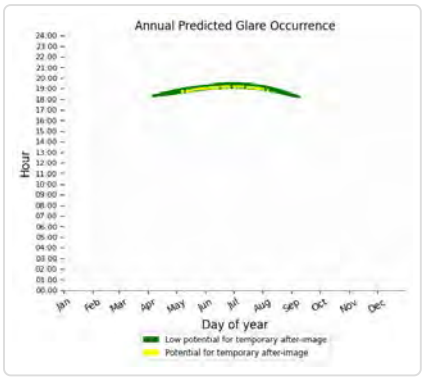


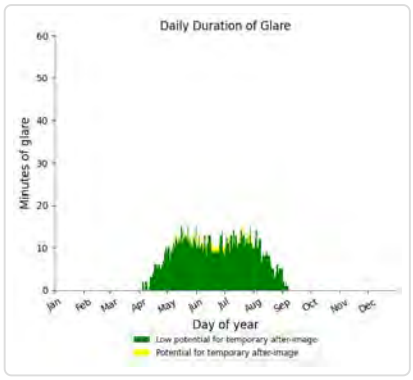


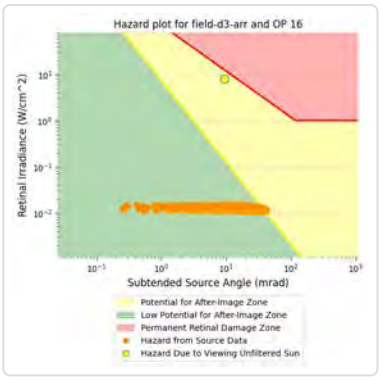
Field D3 Array: OP 16

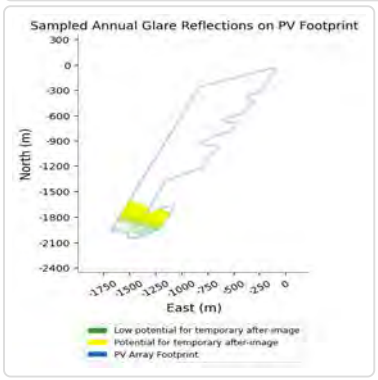
PV array is expected to produce the following glare for this receptor:

- 1,403 minutes of "green" glare with low potential to cause temporary after-image.
- 60 minutes of "yellow" glare with potential to cause temporary after-image.





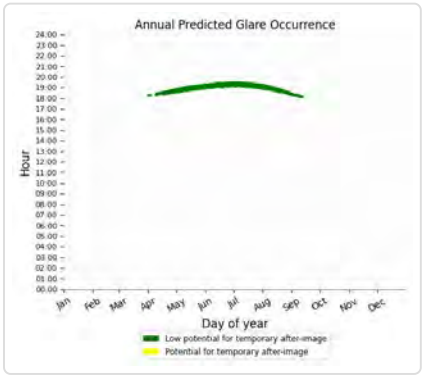


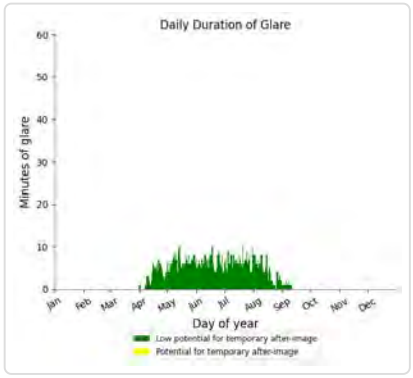


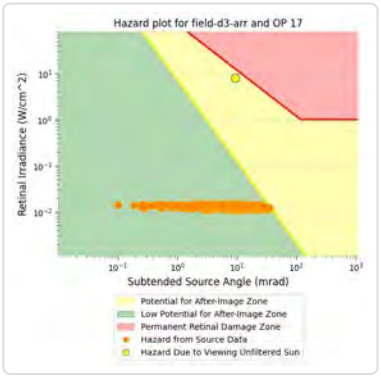
Field D3 Array: OP 17

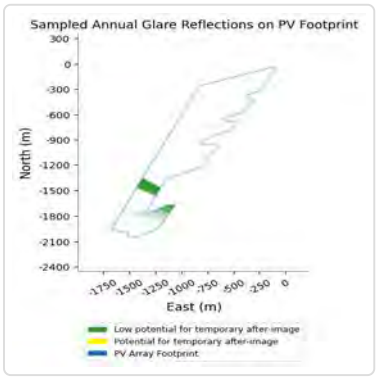
PV array is expected to produce the following glare for this receptor:

- 850 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





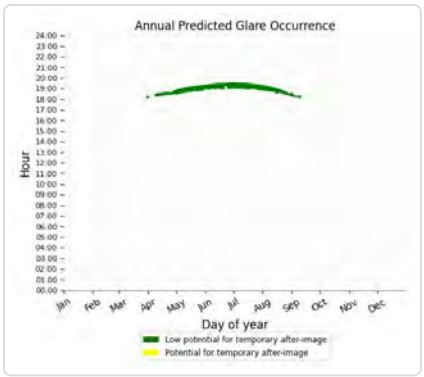


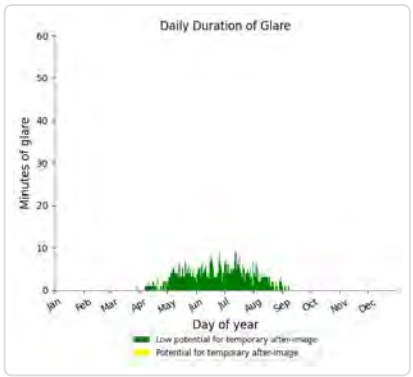


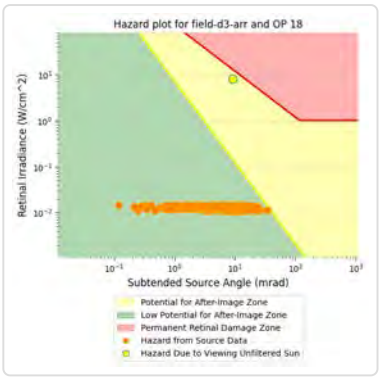
Field D3 Array: OP 18

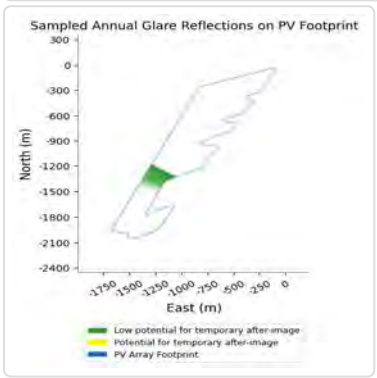
PV array is expected to produce the following glare for this receptor:

- 527 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





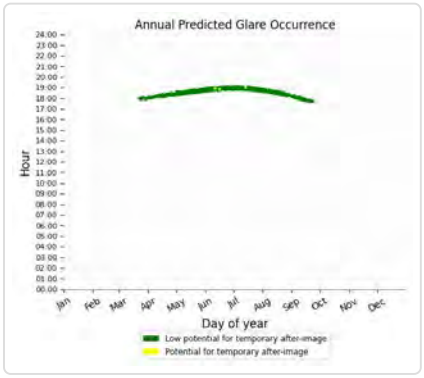


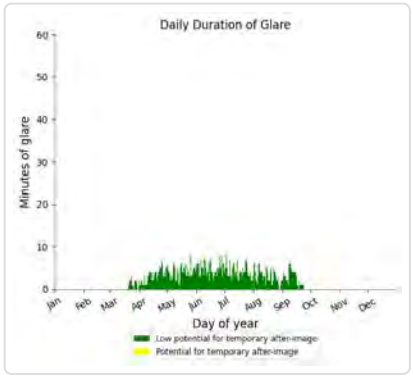


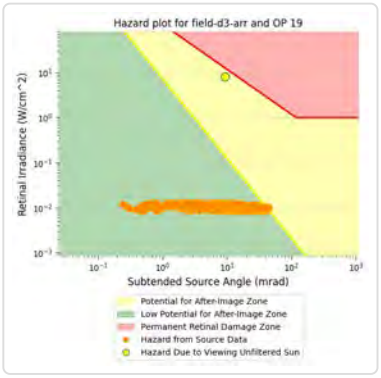
Field D3 Array: OP 19

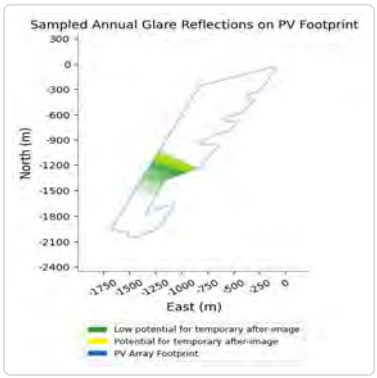
PV array is expected to produce the following glare for this receptor:

- 664 minutes of "green" glare with low potential to cause temporary after-image.
- 3 minutes of "yellow" glare with potential to cause temporary after-image.





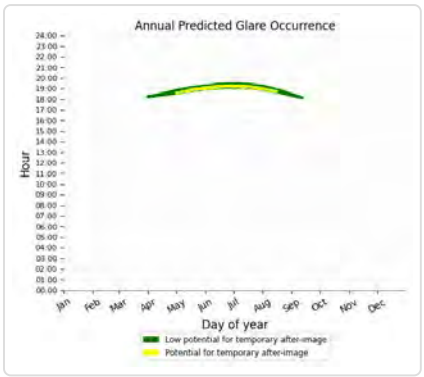


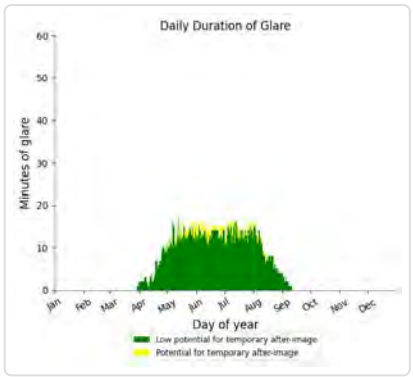


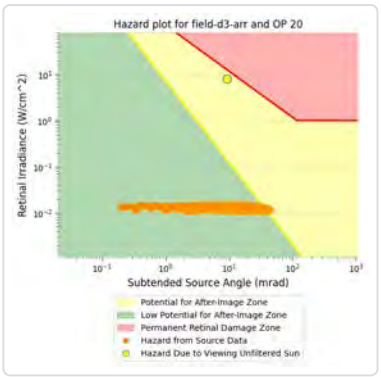
Field D3 Array: OP 20

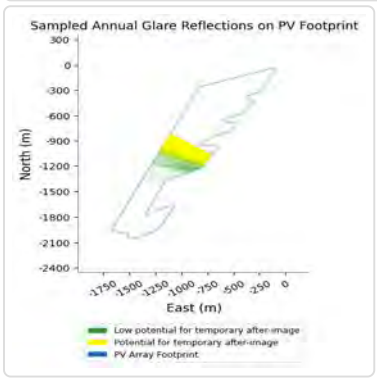
PV array is expected to produce the following glare for this receptor:

- 1,615 minutes of "green" glare with low potential to cause temporary after-image.
- 136 minutes of "yellow" glare with potential to cause temporary after-image.





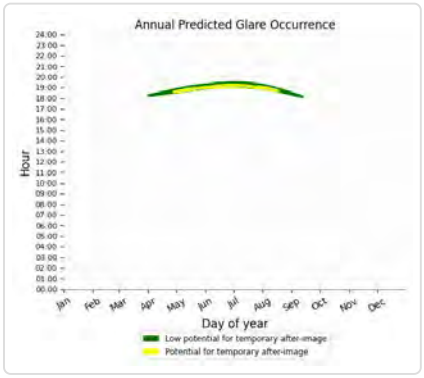


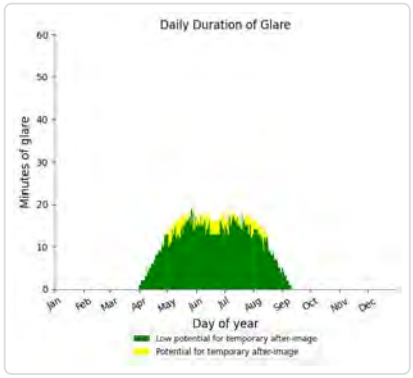


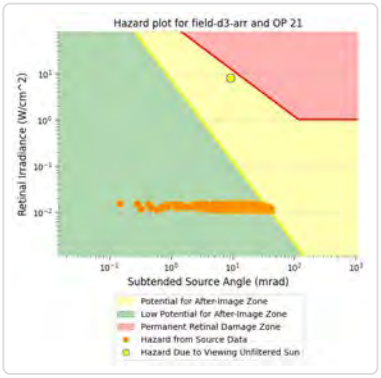
Field D3 Array: OP 21

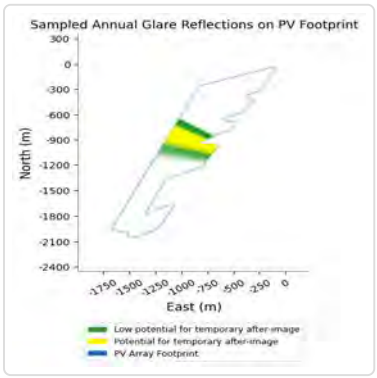
PV array is expected to produce the following glare for this receptor:

- 1,854 minutes of "green" glare with low potential to cause temporary after-image.
- 232 minutes of "yellow" glare with potential to cause temporary after-image.





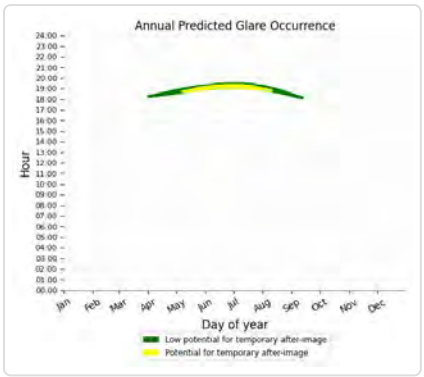


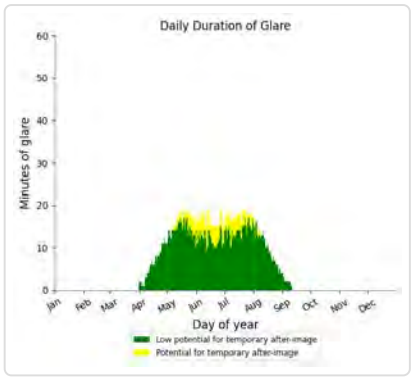


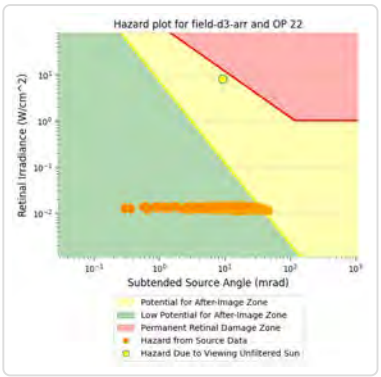
Field D3 Array: OP 22

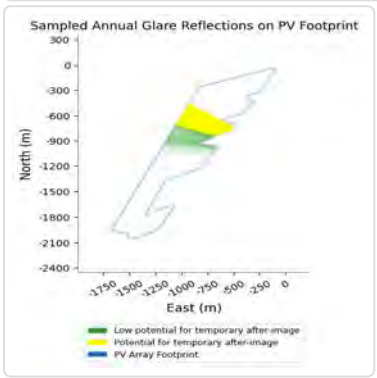
PV array is expected to produce the following glare for this receptor:

- 1,745 minutes of "green" glare with low potential to cause temporary after-image.
- 323 minutes of "yellow" glare with potential to cause temporary after-image.





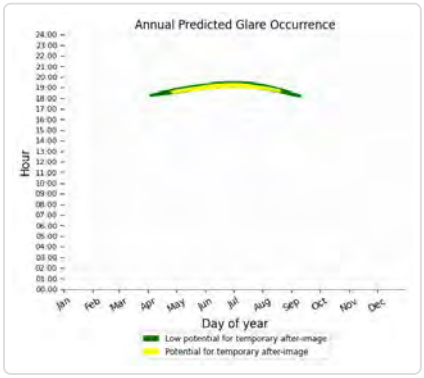


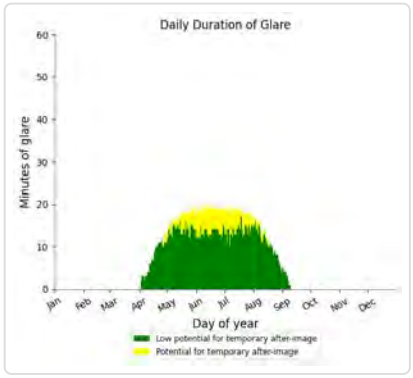


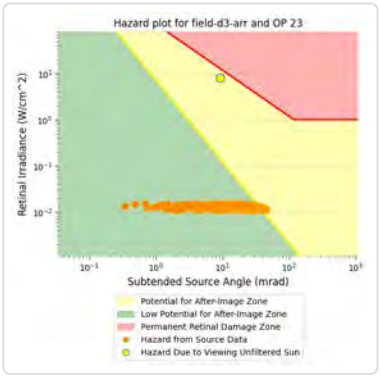
Field D3 Array: OP 23

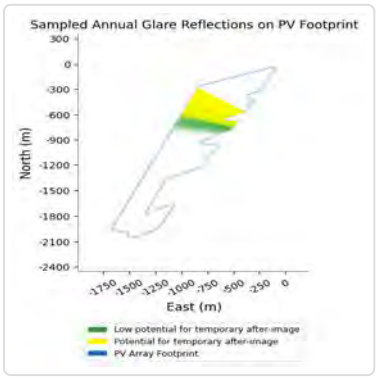
PV array is expected to produce the following glare for this receptor:

- 1,824 minutes of "green" glare with low potential to cause temporary after-image.
- 445 minutes of "yellow" glare with potential to cause temporary after-image.





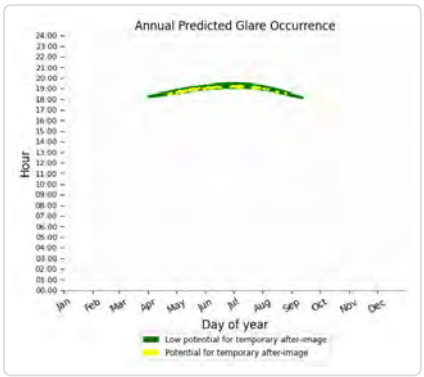


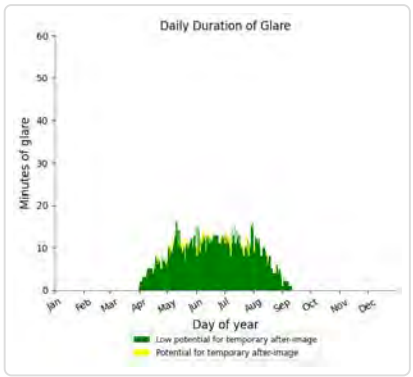


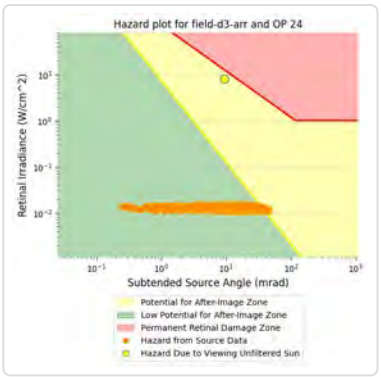
Field D3 Array: OP 24

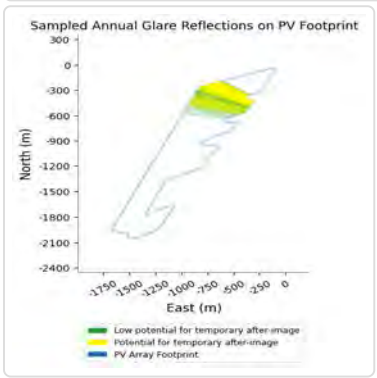
PV array is expected to produce the following glare for this receptor:

- 1,450 minutes of "green" glare with low potential to cause temporary after-image.
- 76 minutes of "yellow" glare with potential to cause temporary after-image.





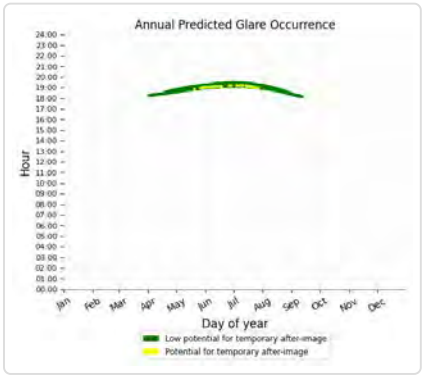


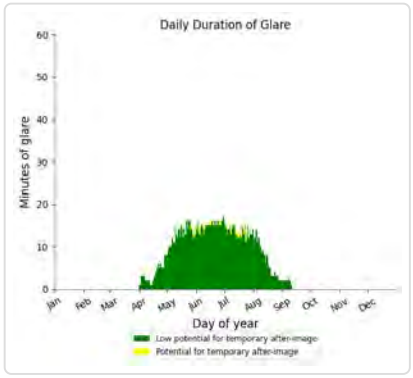


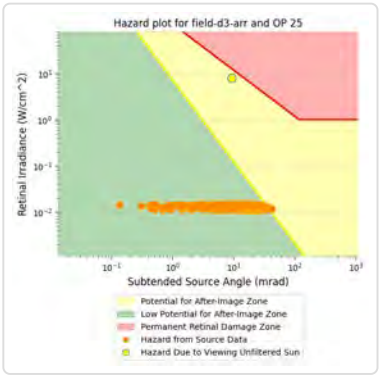
Field D3 Array: OP 25

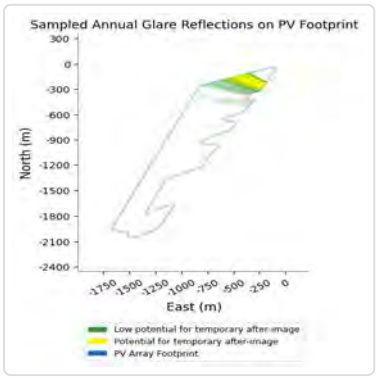
PV array is expected to produce the following glare for this receptor:

- 1,607 minutes of "green" glare with low potential to cause temporary after-image.
- 38 minutes of "yellow" glare with potential to cause temporary after-image.





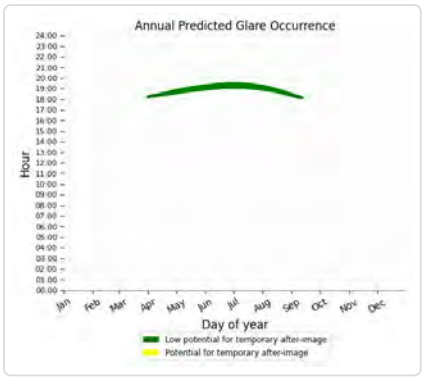




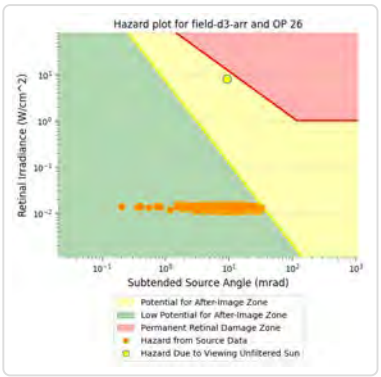
Field D3 Array: OP 26

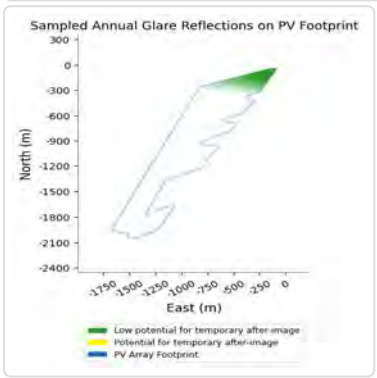
PV array is expected to produce the following glare for this receptor:

- 1,813 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 27

No glare found

Field D3 Array: OP 28

No glare found

Field D3 Array: OP 29

No glare found

Field D3 Array: OP 30

No glare found

Field D3 Array: OP 31

No glare found

Field D3 Array: OP 32

No glare found

Field D3 Array: OP 33

No glare found

Field D3 Array: OP 34

No glare found

Field D3 Array: OP 35

No glare found

Field D3 Array: OP 36

No glare found

Field D3 Array: OP 37

No glare found

Field D3 Array: OP 38

No glare found

Field D3 Array: OP 39

No glare found

Field D3 Array: OP 40

No glare found

Field D3 Array: OP 41

No glare found

Field D3 Array: OP 42

No glare found

Field D3 Array: OP 43

No glare found

Field D3 Array: OP 44

No glare found

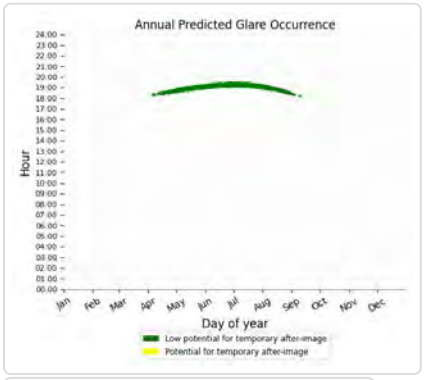
Field D3 Array: OP 45

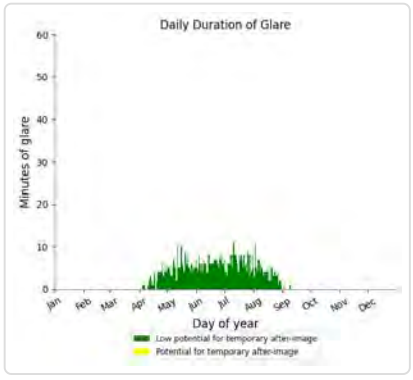
No glare found

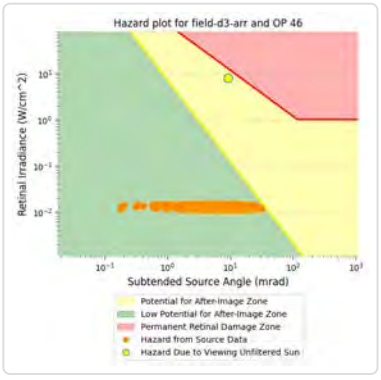
Field D3 Array: OP 46

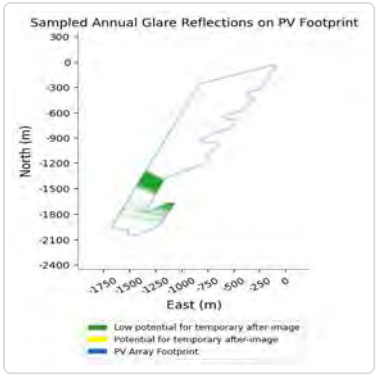
PV array is expected to produce the following glare for this receptor:

- 745 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





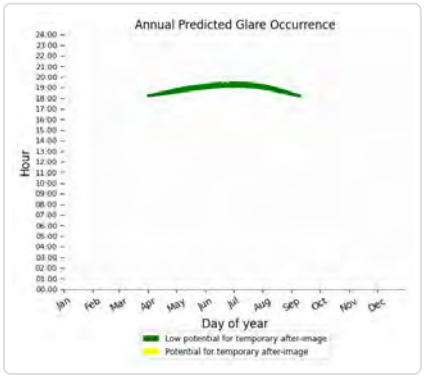


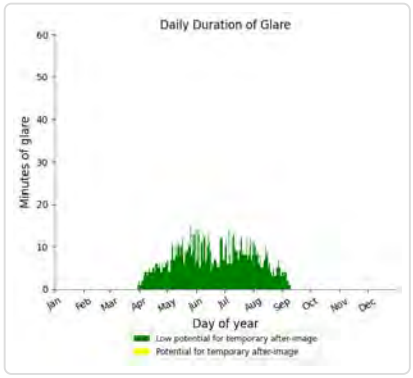


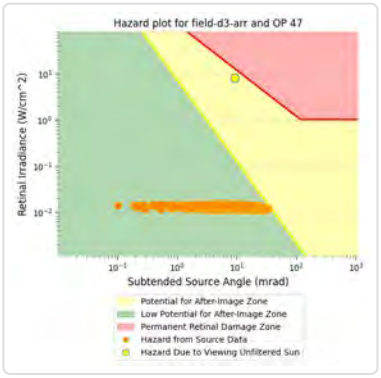
Field D3 Array: OP 47

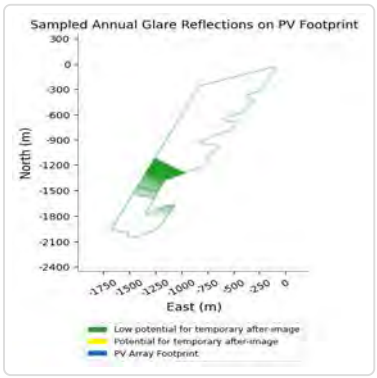
PV array is expected to produce the following glare for this receptor:

- 1,163 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





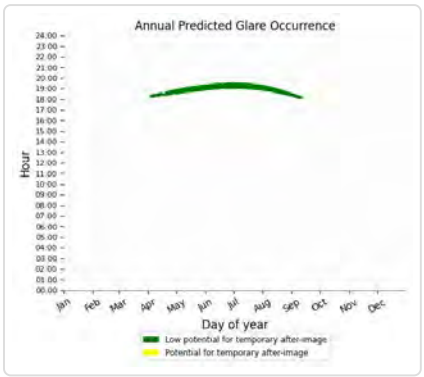


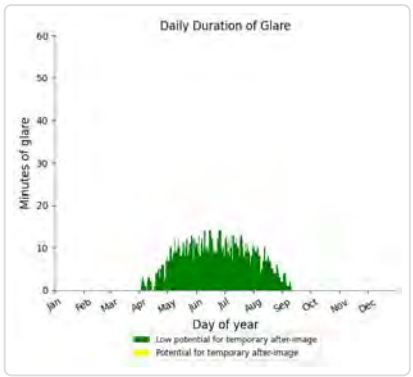


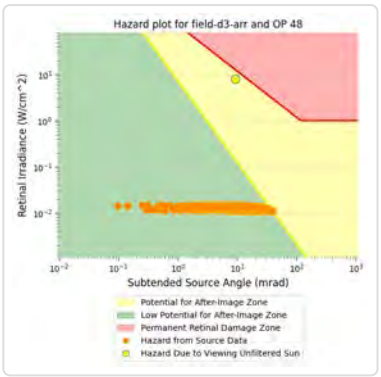
Field D3 Array: OP 48

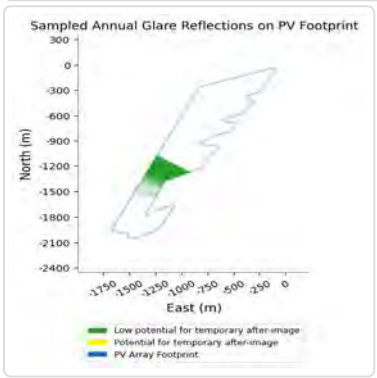
PV array is expected to produce the following glare for this receptor:

- 1,245 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





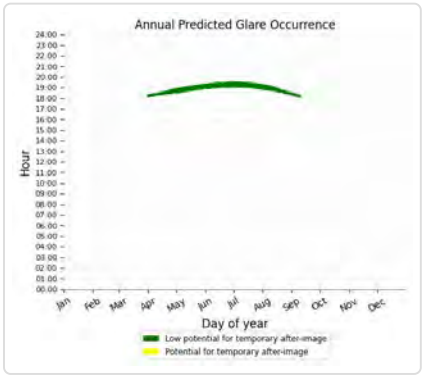


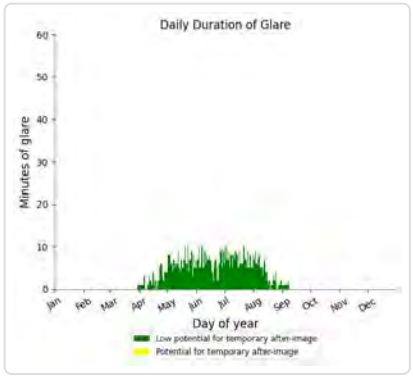


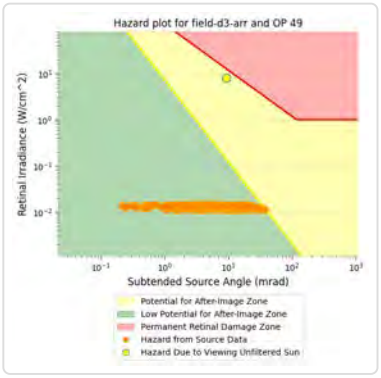
Field D3 Array: OP 49

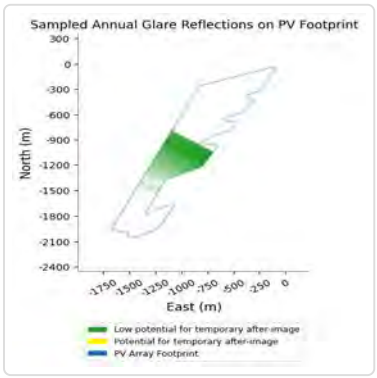
PV array is expected to produce the following glare for this receptor:

- 802 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





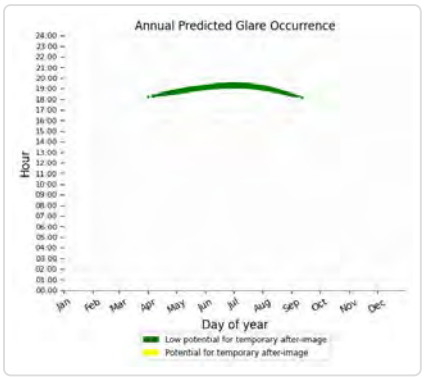


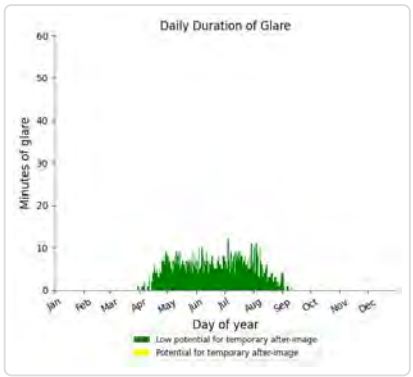


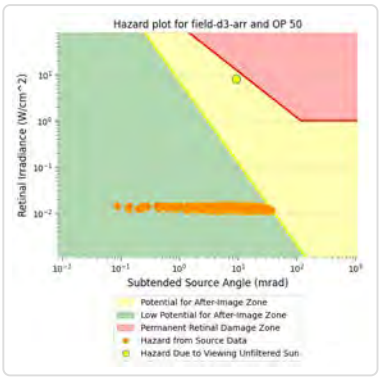
Field D3 Array: OP 50

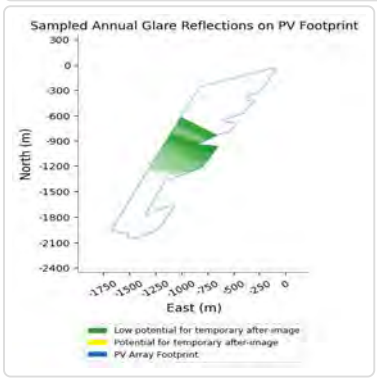
PV array is expected to produce the following glare for this receptor:

- 869 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





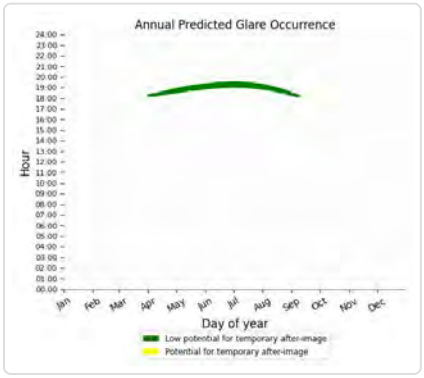


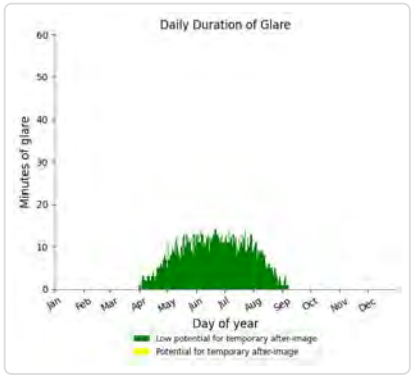


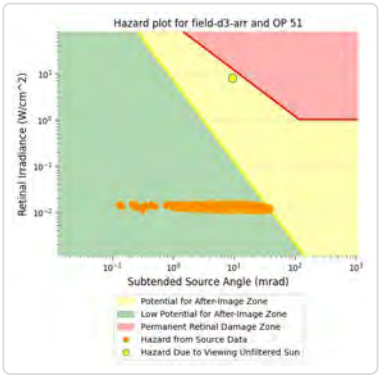
Field D3 Array: OP 51

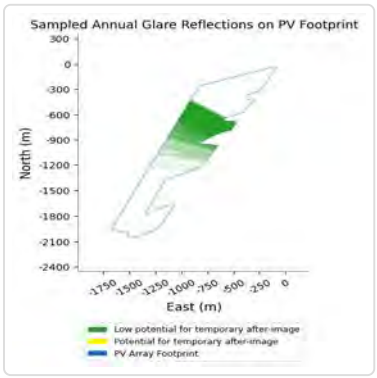
PV array is expected to produce the following glare for this receptor:

- 1,328 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





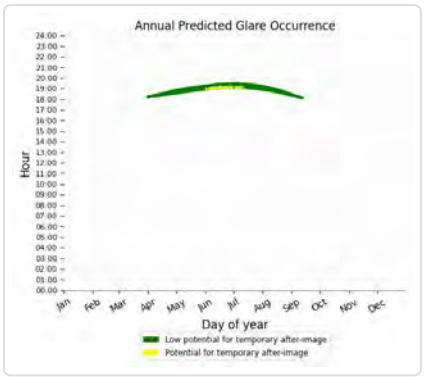


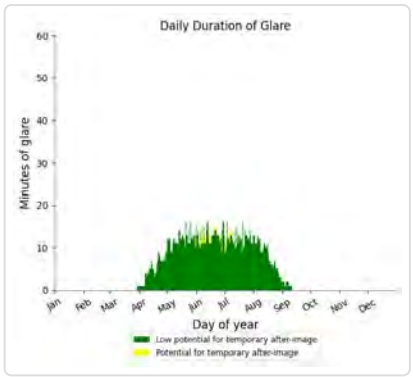


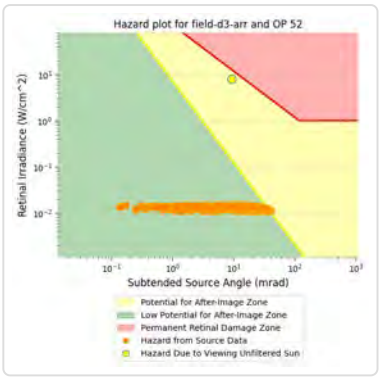
Field D3 Array: OP 52

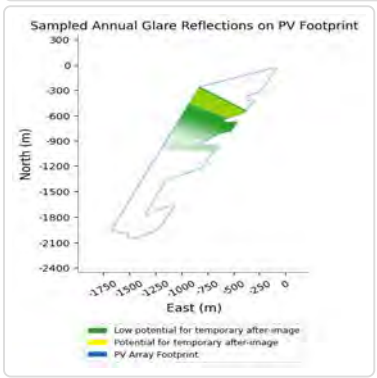
PV array is expected to produce the following glare for this receptor:

- 1,548 minutes of "green" glare with low potential to cause temporary after-image.
- 34 minutes of "yellow" glare with potential to cause temporary after-image.





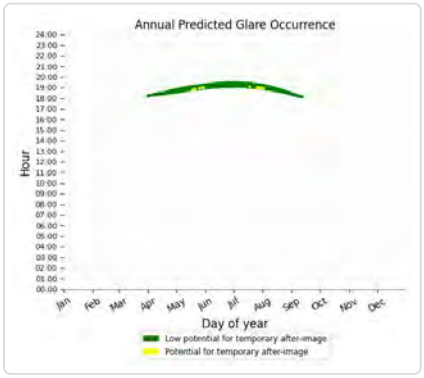


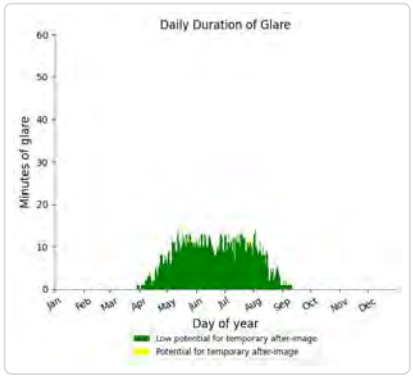


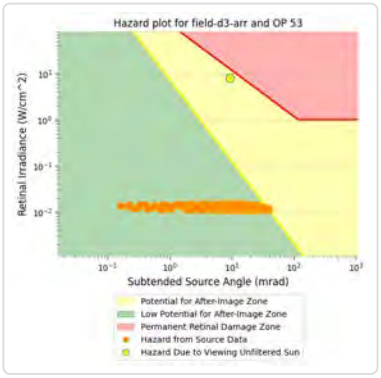
Field D3 Array: OP 53

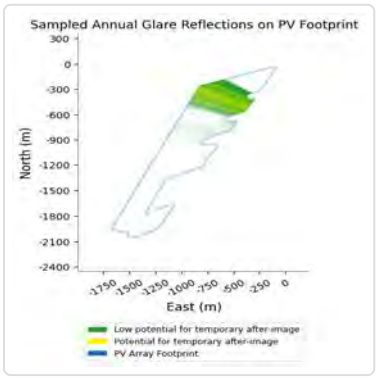
PV array is expected to produce the following glare for this receptor:

- 1,321 minutes of "green" glare with low potential to cause temporary after-image.
- 12 minutes of "yellow" glare with potential to cause temporary after-image.





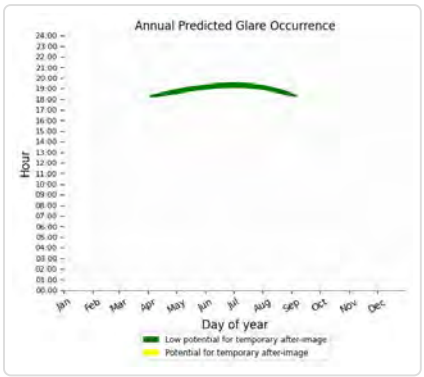


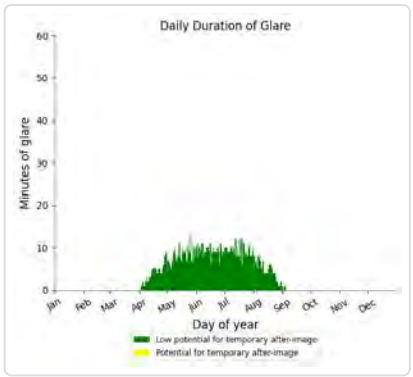


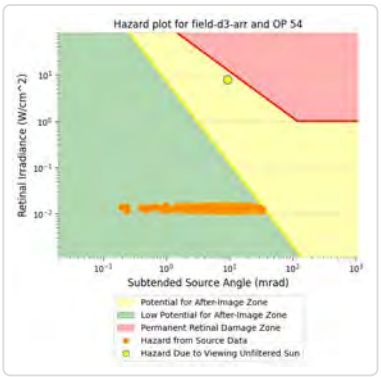
Field D3 Array: OP 54

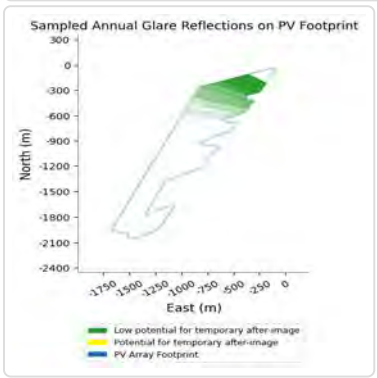
PV array is expected to produce the following glare for this receptor:

- 1,103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 55

No glare found

Field D3 Array: OP 56

No glare found

Field D3 Array: OP 57

No glare found

Field D3 Array: OP 58

No glare found

Field D3 Array: OP 59

No glare found

Field D3 Array: OP 60

No glare found

Field D3 Array: OP 61

No glare found

Field D3 Array: OP 62

No glare found

Field D3 Array: OP 63

No glare found

Field D3 Array: OP 64

No glare found

Field D3 Array: OP 65

No glare found

Field D3 Array: OP 66

No glare found

Field D3 Array: OP 67

No glare found

Field D3 Array: OP 68

No glare found

Field D3 Array: OP 69

No glare found

Field D3 Array: OP 70

No glare found

Field D5 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	1292	921
OP: OP 3	990	1664
OP: OP 4	1109	1689
OP: OP 5	1136	1657
OP: OP 6	0	0
OP: OP 7	580	0
OP: OP 8	1773	714
OP: OP 9	1682	977
OP: OP 10	1603	961
OP: OP 11	1683	1056
OP: OP 12	2810	0
OP: OP 13	282	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	1653	0
OP: OP 37	2316	86
OP: OP 38	2525	20
OP: OP 39	2517	53
OP: OP 40	2604	0
OP: OP 41	2459	0
OP: OP 42	353	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

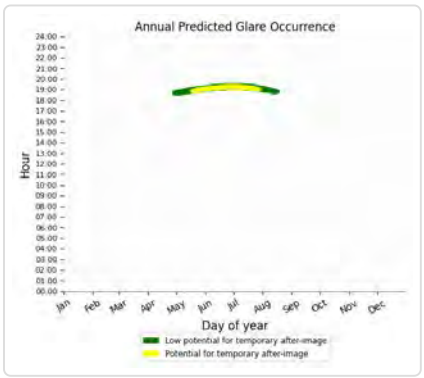
Field D5 Array: OP 1

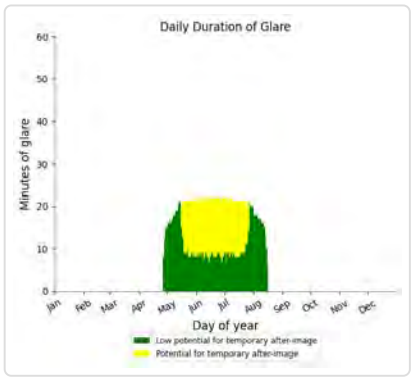
No glare found

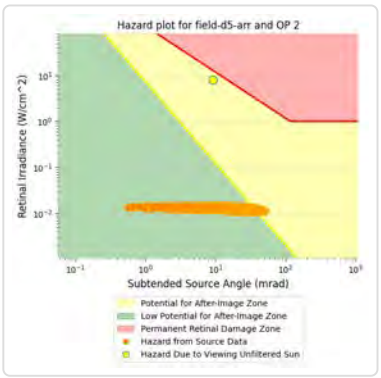
Field D5 Array: OP 2

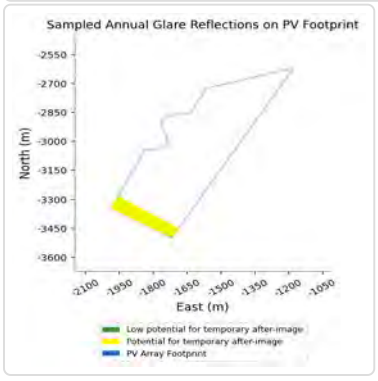
PV array is expected to produce the following glare for this receptor:

- 1,292 minutes of "green" glare with low potential to cause temporary after-image.
- 921 minutes of "yellow" glare with potential to cause temporary after-image.





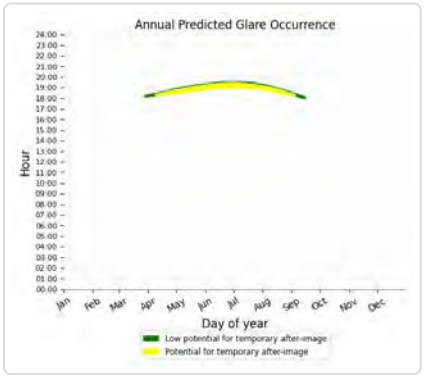


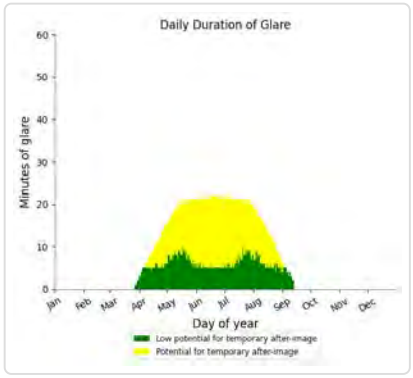


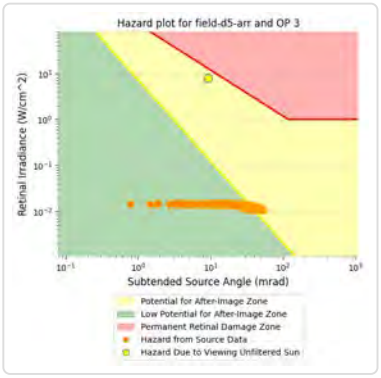
Field D5 Array: OP 3

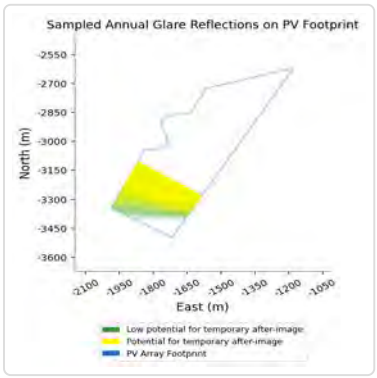
PV array is expected to produce the following glare for this receptor:

- 990 minutes of "green" glare with low potential to cause temporary after-image.
- 1,664 minutes of "yellow" glare with potential to cause temporary after-image.





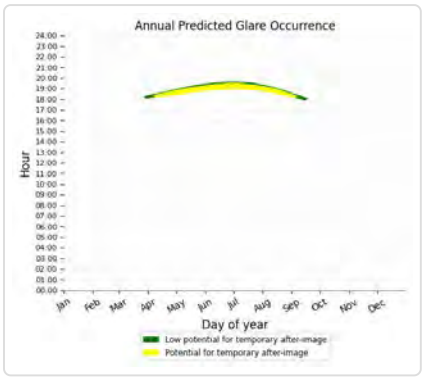


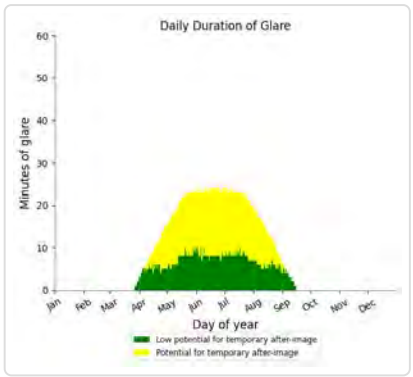


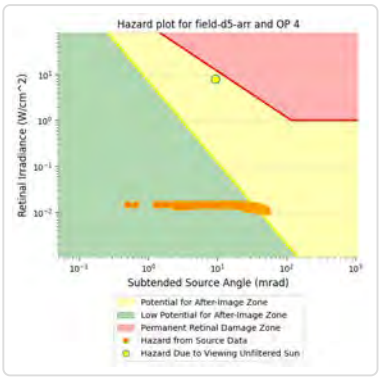
Field D5 Array: OP 4

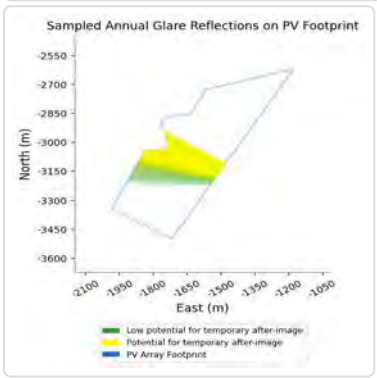
PV array is expected to produce the following glare for this receptor:

- 1,109 minutes of "green" glare with low potential to cause temporary after-image.
- 1,689 minutes of "yellow" glare with potential to cause temporary after-image.





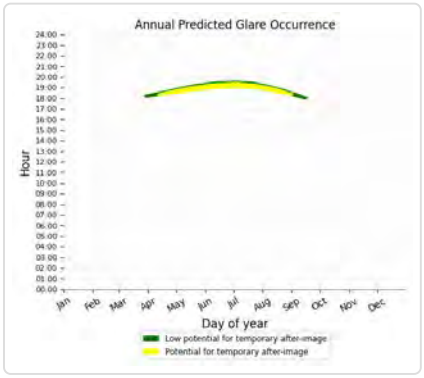


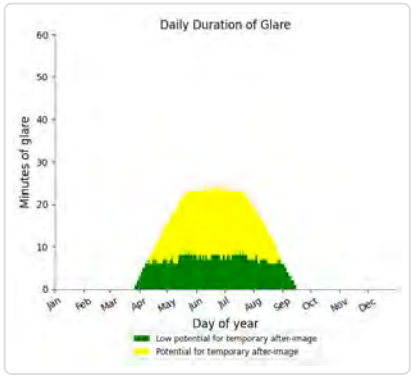


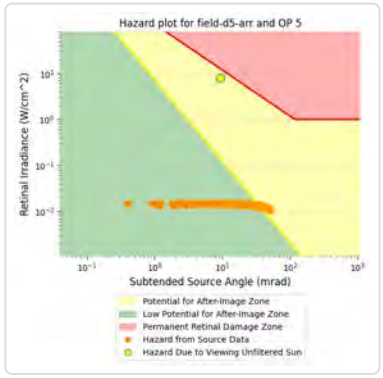
Field D5 Array: OP 5

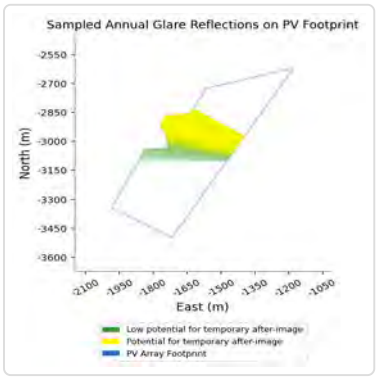
PV array is expected to produce the following glare for this receptor:

- 1,136 minutes of "green" glare with low potential to cause temporary after-image.
- 1,657 minutes of "yellow" glare with potential to cause temporary after-image.









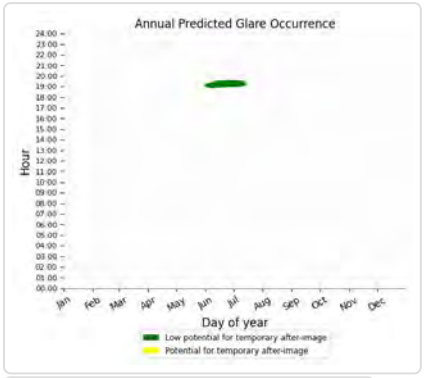
Field D5 Array: OP 6

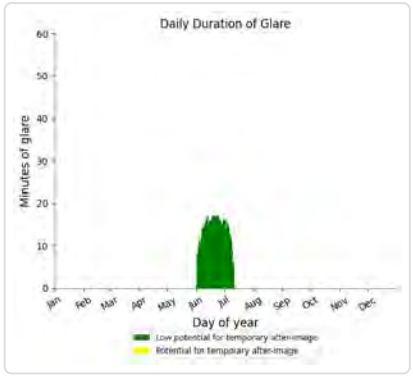
No glare found

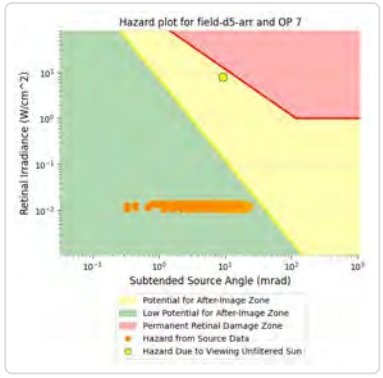
Field D5 Array: OP 7

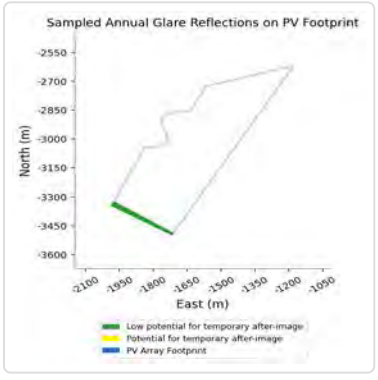
PV array is expected to produce the following glare for this receptor:

- 580 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





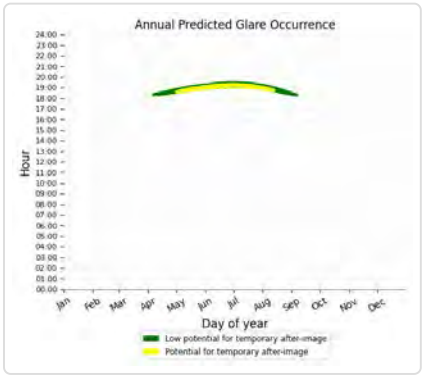


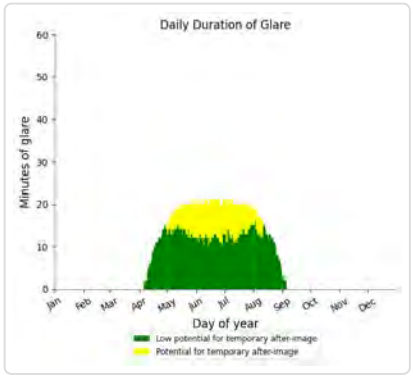


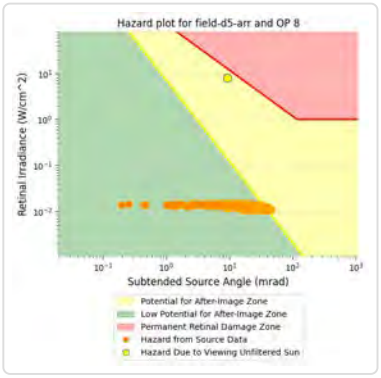
Field D5 Array: OP 8

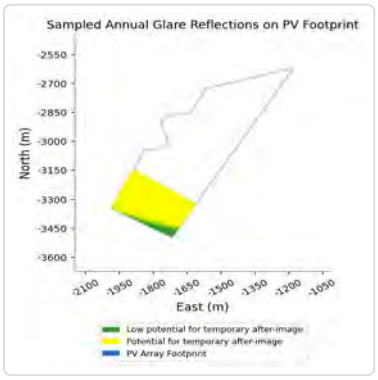
PV array is expected to produce the following glare for this receptor:

- 1,773 minutes of "green" glare with low potential to cause temporary after-image.
- 714 minutes of "yellow" glare with potential to cause temporary after-image.





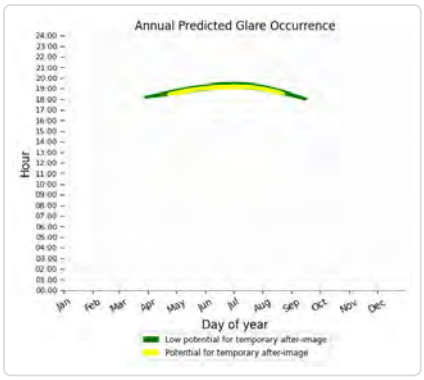


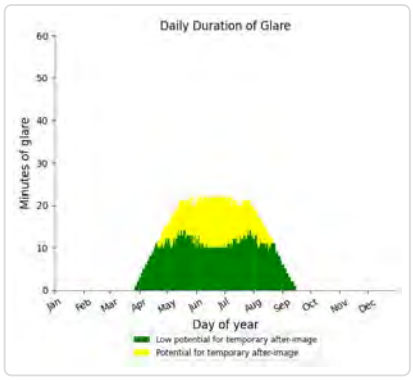


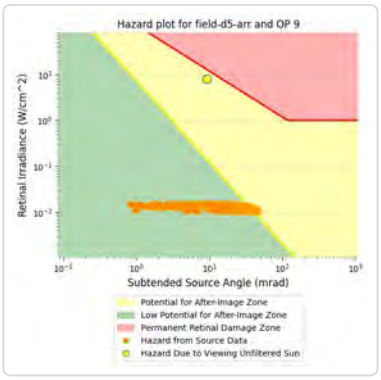
Field D5 Array: OP 9

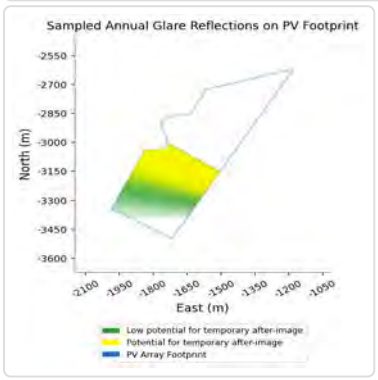
PV array is expected to produce the following glare for this receptor:

- 1,682 minutes of "green" glare with low potential to cause temporary after-image.
- 977 minutes of "yellow" glare with potential to cause temporary after-image.





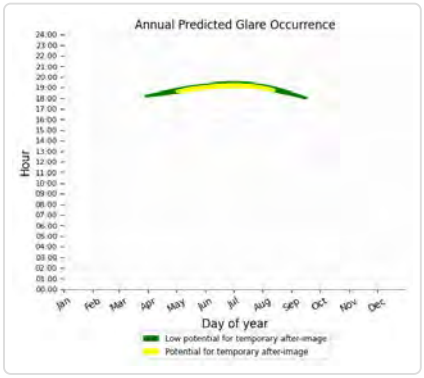


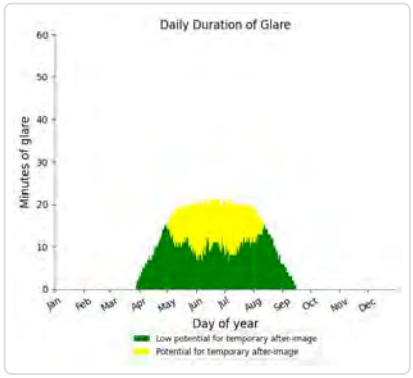


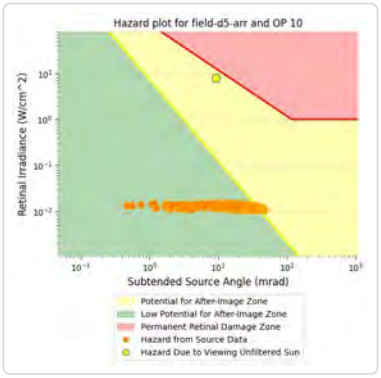
Field D5 Array: OP 10

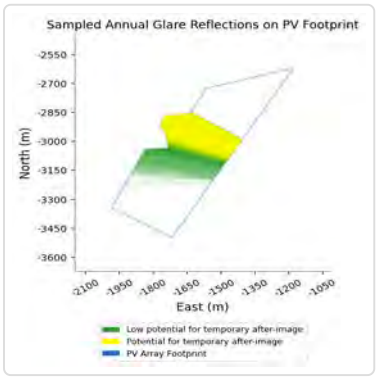
PV array is expected to produce the following glare for this receptor:

- 1,603 minutes of "green" glare with low potential to cause temporary after-image.
- 961 minutes of "yellow" glare with potential to cause temporary after-image.





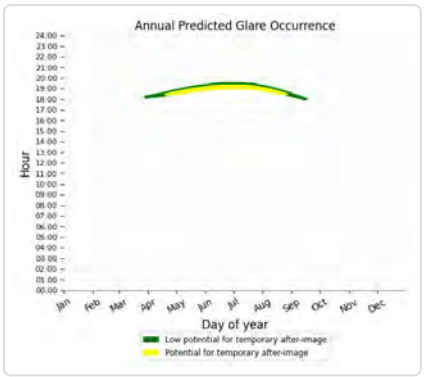


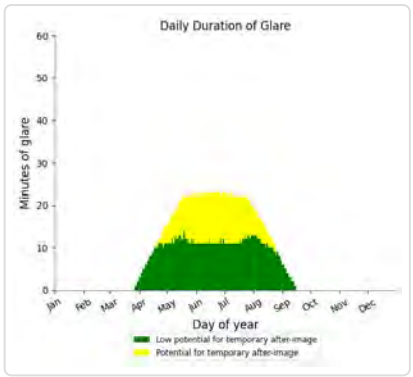


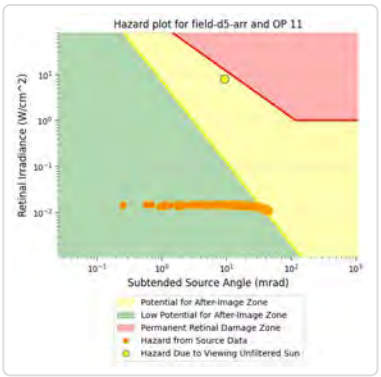
Field D5 Array: OP 11

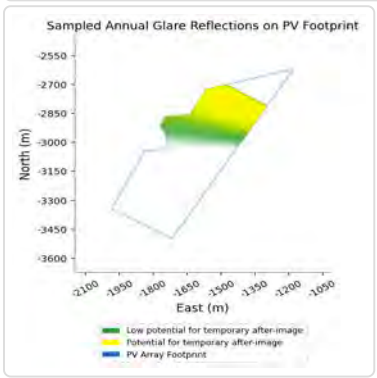
PV array is expected to produce the following glare for this receptor:

- 1,683 minutes of "green" glare with low potential to cause temporary after-image.
- 1,056 minutes of "yellow" glare with potential to cause temporary after-image.





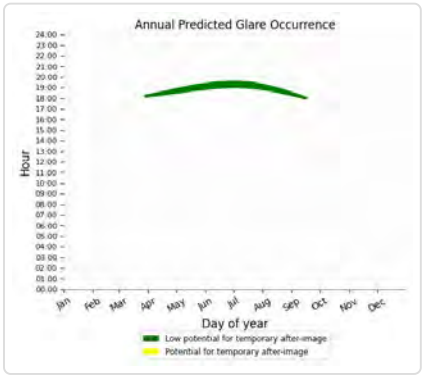




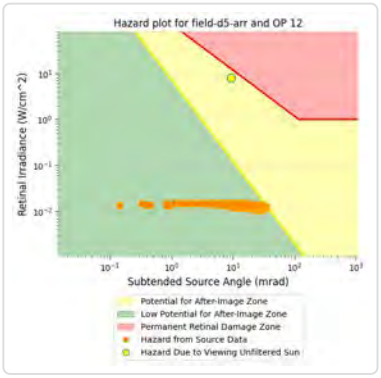
Field D5 Array: OP 12

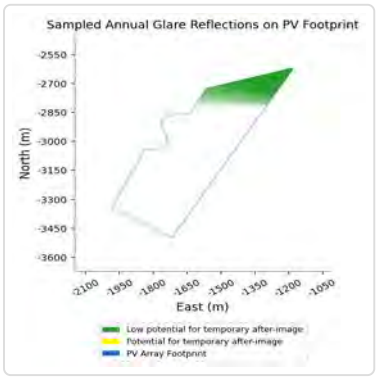
PV array is expected to produce the following glare for this receptor:

- 2,810 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





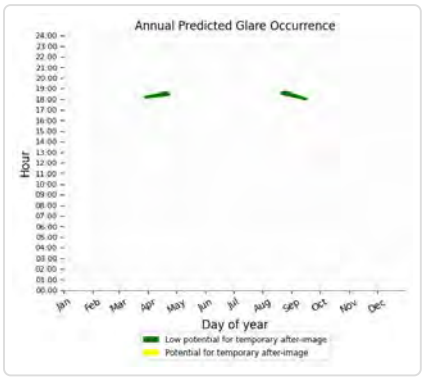


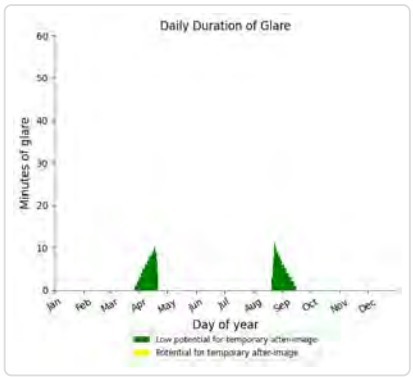


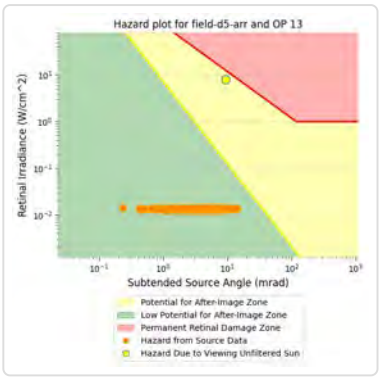
Field D5 Array: OP 13

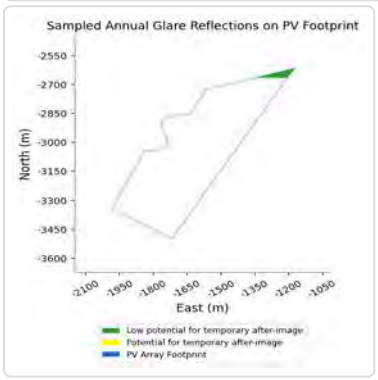
PV array is expected to produce the following glare for this receptor:

- 282 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 14

No glare found

Field D5 Array: OP 15

No glare found

Field D5 Array: OP 16

No glare found

Field D5 Array: OP 17

No glare found

Field D5 Array: OP 18

No glare found

Field D5 Array: OP 19

No glare found

Field D5 Array: OP 20

No glare found

Field D5 Array: OP 21

No glare found

Field D5 Array: OP 22

No glare found

Field D5 Array: OP 23

No glare found

Field D5 Array: OP 24

No glare found

Field D5 Array: OP 25

No glare found

Field D5 Array: OP 26

No glare found

Field D5 Array: OP 27

No glare found

Field D5 Array: OP 28

No glare found

Field D5 Array: OP 29

No glare found

Field D5 Array: OP 30

No glare found

Field D5 Array: OP 31

No glare found

Field D5 Array: OP 32

No glare found

Field D5 Array: OP 33

No glare found

Field D5 Array: OP 34

No glare found

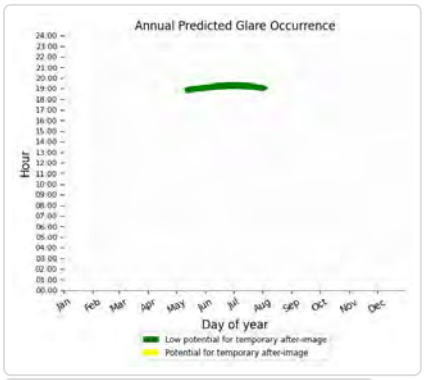
Field D5 Array: OP 35

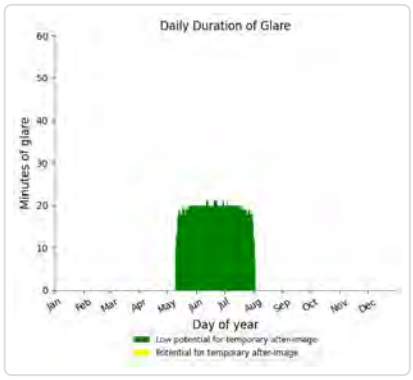
No glare found

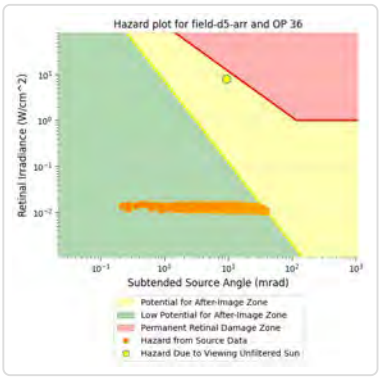
Field D5 Array: OP 36

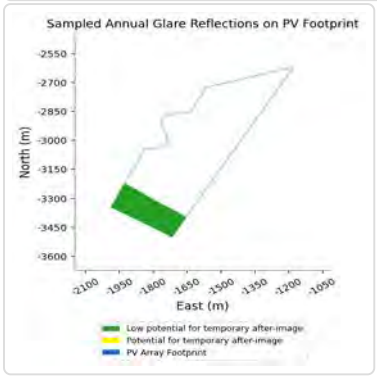
PV array is expected to produce the following glare for this receptor:

- 1,653 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





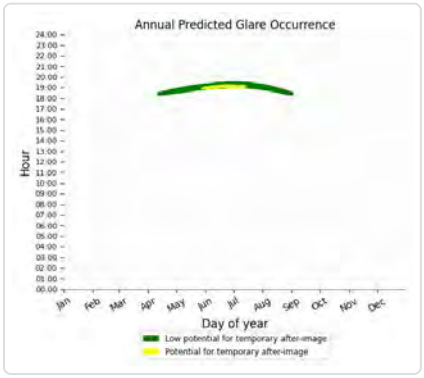


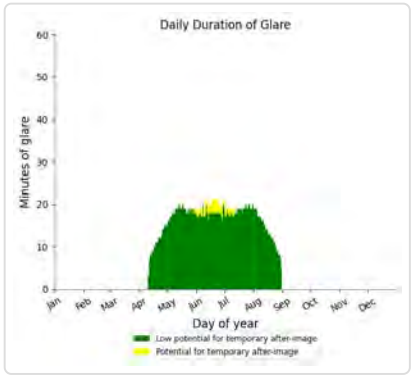


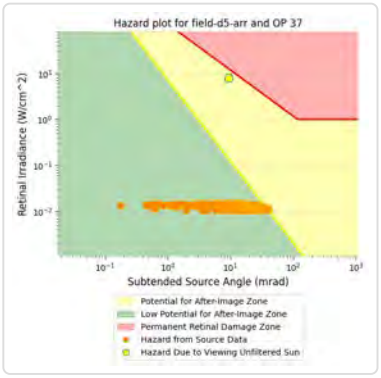
Field D5 Array: OP 37

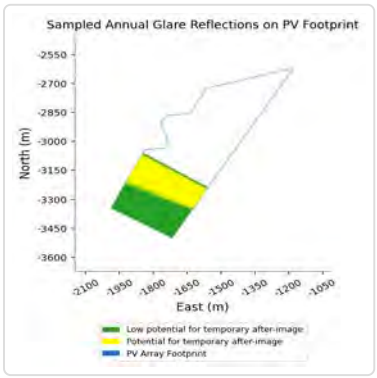
PV array is expected to produce the following glare for this receptor:

- 2,316 minutes of "green" glare with low potential to cause temporary after-image.
- 86 minutes of "yellow" glare with potential to cause temporary after-image.





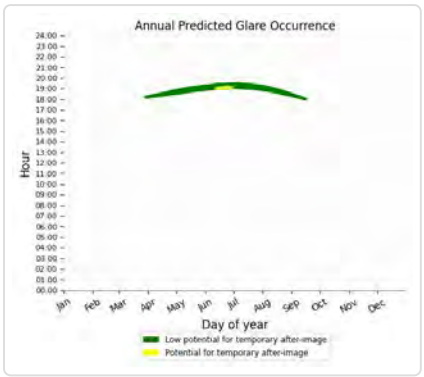


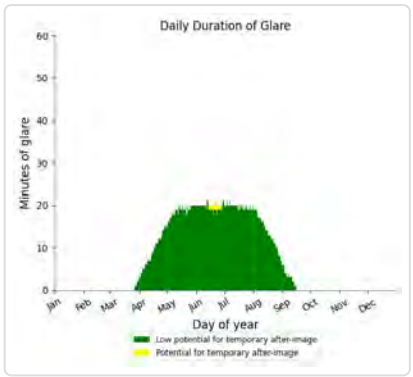


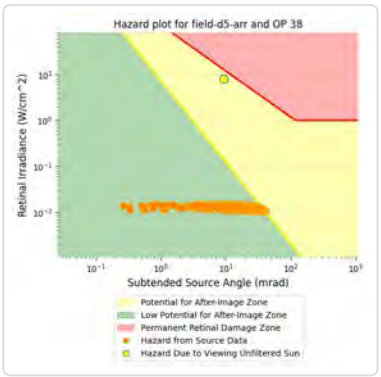
Field D5 Array: OP 38

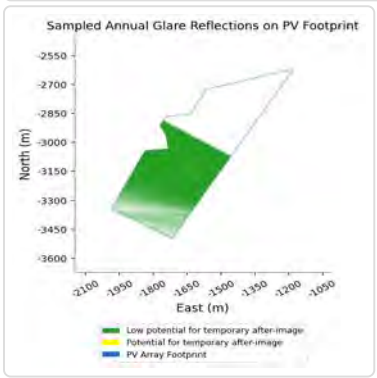
PV array is expected to produce the following glare for this receptor:

- 2,525 minutes of "green" glare with low potential to cause temporary after-image.
- 20 minutes of "yellow" glare with potential to cause temporary after-image.





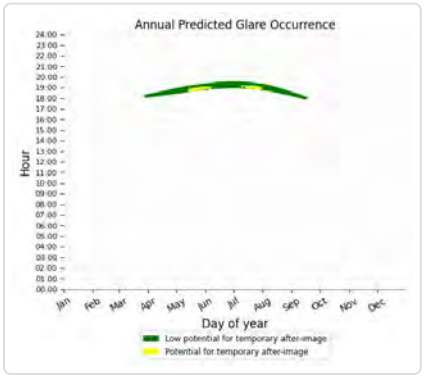


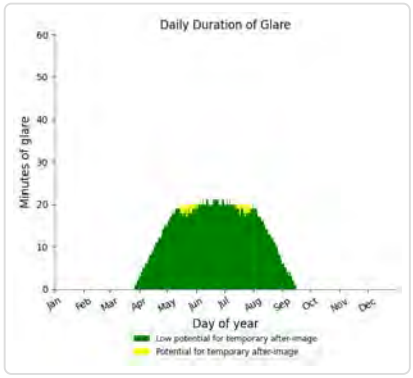


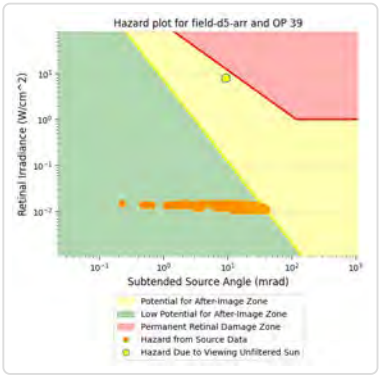
Field D5 Array: OP 39

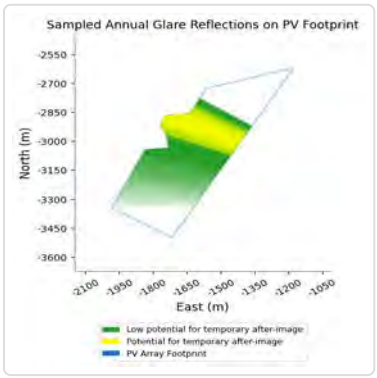
PV array is expected to produce the following glare for this receptor:

- 2,517 minutes of "green" glare with low potential to cause temporary after-image.
- 53 minutes of "yellow" glare with potential to cause temporary after-image.





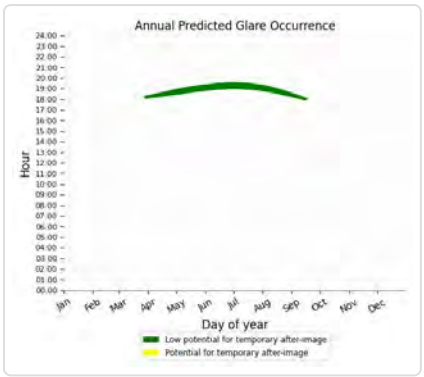




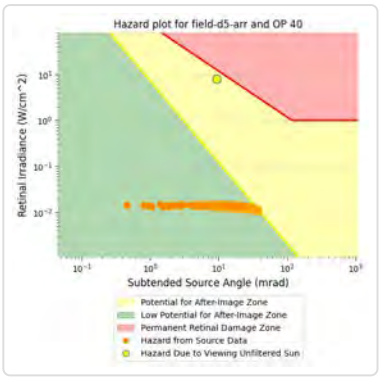
Field D5 Array: OP 40

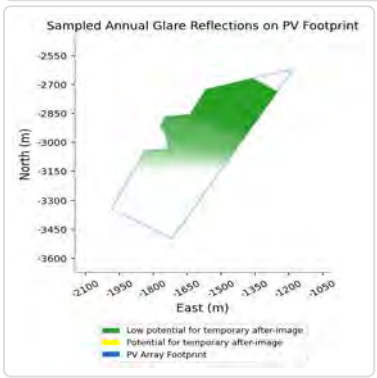
PV array is expected to produce the following glare for this receptor:

- 2,604 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





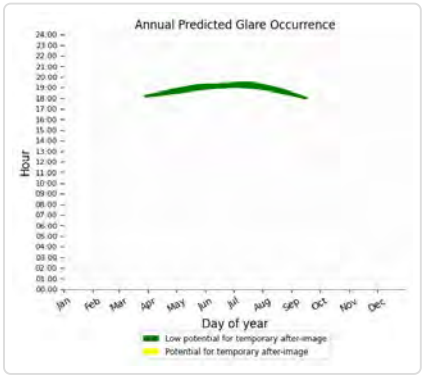


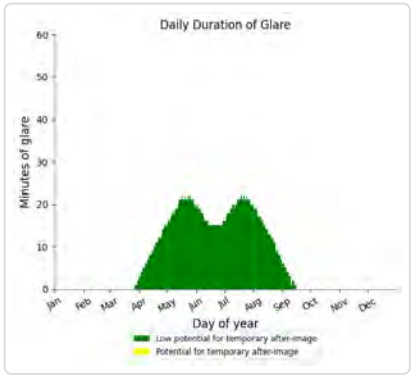


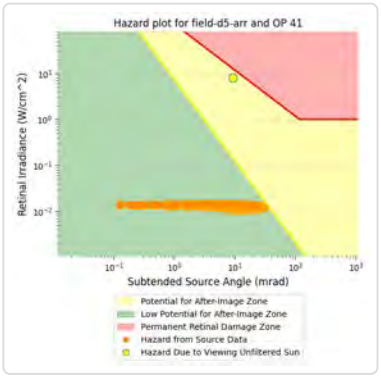
Field D5 Array: OP 41

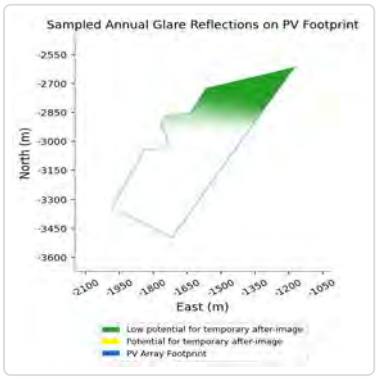
PV array is expected to produce the following glare for this receptor:

- 2,459 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





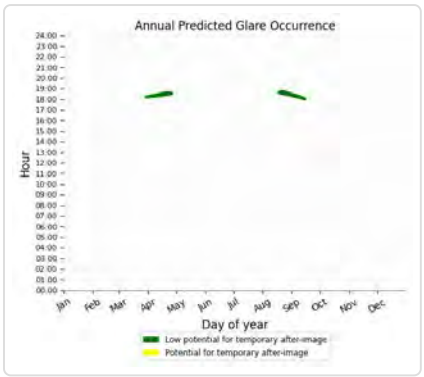




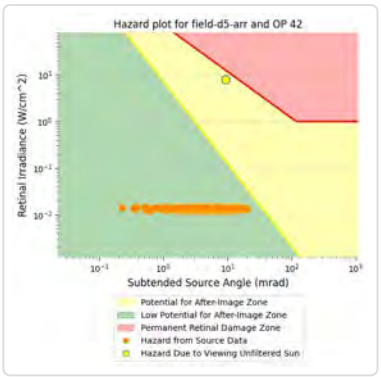
Field D5 Array: OP 42

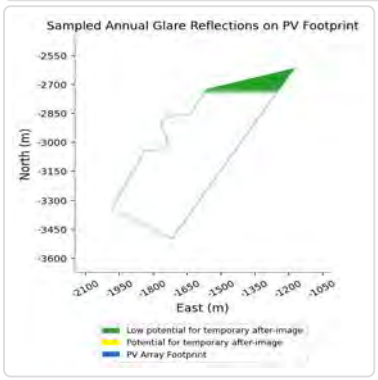
PV array is expected to produce the following glare for this receptor:

- 353 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 43

No glare found

Field D5 Array: OP 44

No glare found

Field D5 Array: OP 45

No glare found

Field D5 Array: OP 46

No glare found

Field D5 Array: OP 47

No glare found

Field D5 Array: OP 48

No glare found

Field D5 Array: OP 49

No glare found

Field D5 Array: OP 50

No glare found

Field D5 Array: OP 51

No glare found

Field D5 Array: OP 52

No glare found

Field D5 Array: OP 53

No glare found

Field D5 Array: OP 54

No glare found

Field D5 Array: OP 55

No glare found

Field D5 Array: OP 56

No glare found

Field D5 Array: OP 57

No glare found

Field D5 Array: OP 58

No glare found

Field D5 Array: OP 59

No glare found

Field D5 Array: OP 60

No glare found

Field D5 Array: OP 61

No glare found

Field D5 Array: OP 62

No glare found

Field D5 Array: OP 63

No glare found

Field D5 Array: OP 64

No glare found

Field D5 Array: OP 65

No glare found

Field D5 Array: OP 66

No glare found

Field D5 Array: OP 67

No glare found

Field D5 Array: OP 68

No glare found

Field D5 Array: OP 69

No glare found

Field D5 Array: OP 70

No glare found

Field D6 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	557	0
OP: OP 3	2029	0
OP: OP 4	2393	0
OP: OP 5	2357	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	1401	0
OP: OP 9	2002	0
OP: OP 10	2173	0
OP: OP 11	2306	0
OP: OP 12	2478	0
OP: OP 13	794	0

OP: OP 14	83	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	833	0
OP: OP 37	1543	0
OP: OP 38	2074	0
OP: OP 39	2093	0
OP: OP 40	2080	0
OP: OP 41	2278	0
OP: OP 42	650	0
OP: OP 43	109	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0

OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

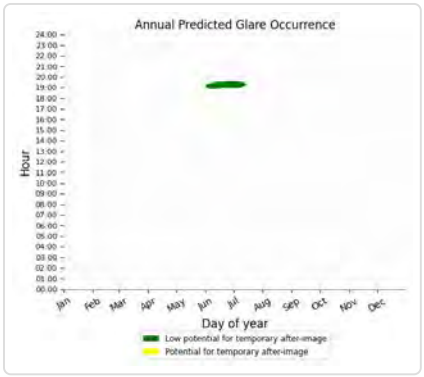
Field D6 Array: OP 1

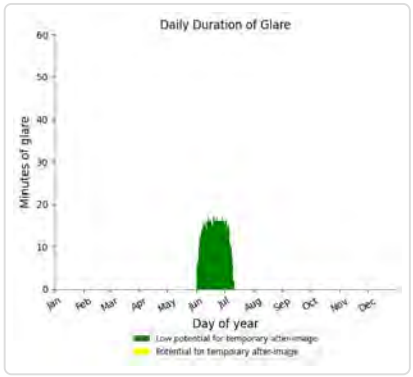
No glare found

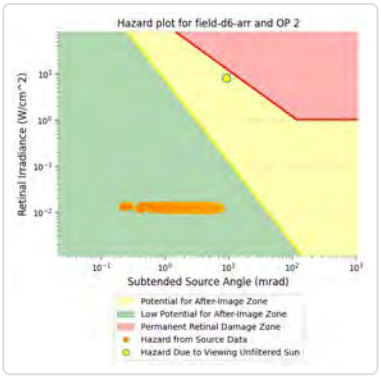
Field D6 Array: OP 2

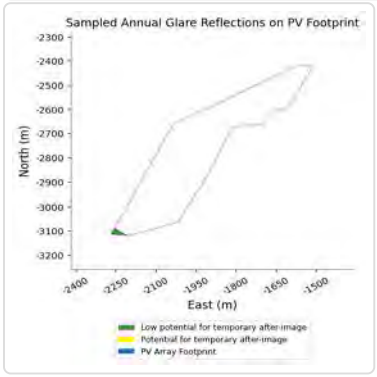
PV array is expected to produce the following glare for this receptor:

- 557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





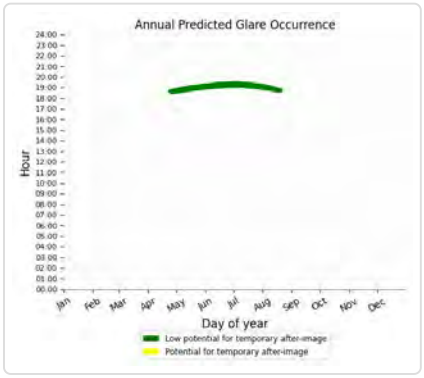


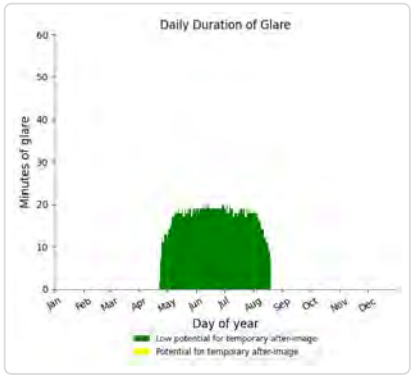


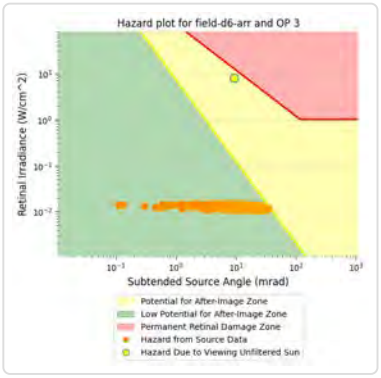
Field D6 Array: OP 3

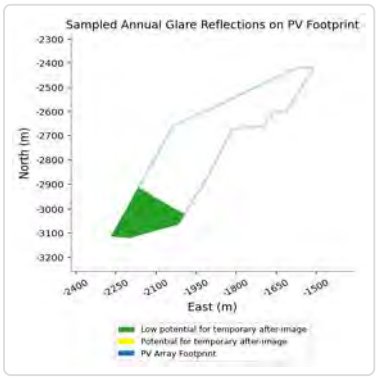
PV array is expected to produce the following glare for this receptor:

- 2,029 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





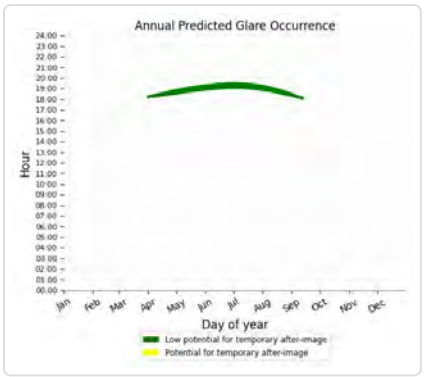




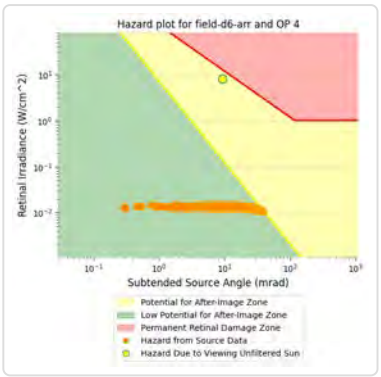
Field D6 Array: OP 4

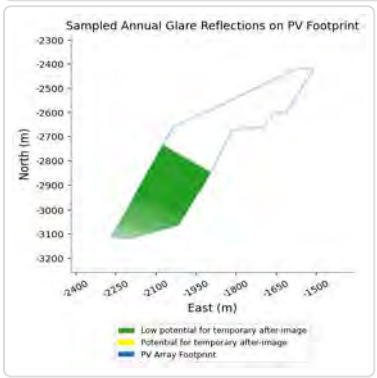
PV array is expected to produce the following glare for this receptor:

- 2,393 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





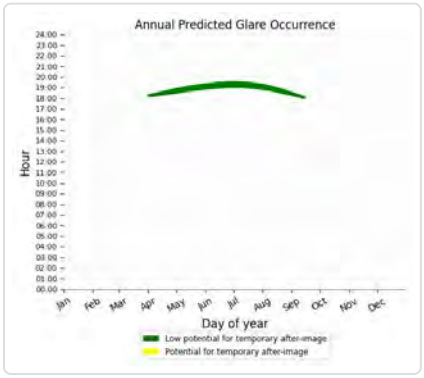




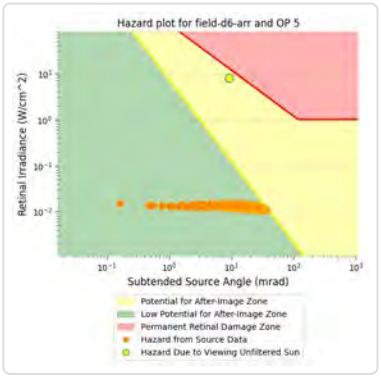
Field D6 Array: OP 5

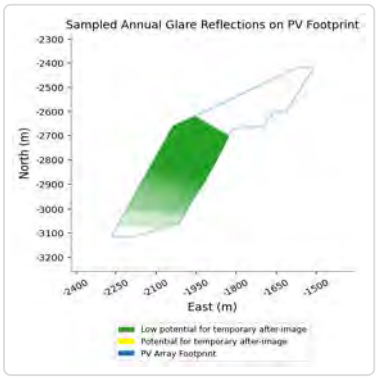
PV array is expected to produce the following glare for this receptor:

- 2,357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 6

No glare found

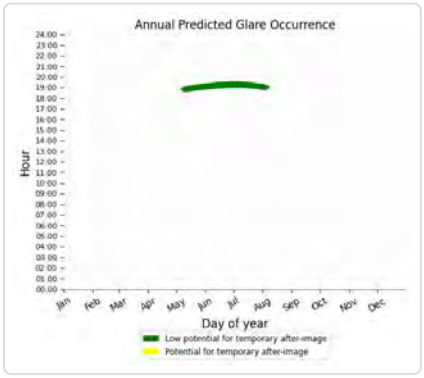
Field D6 Array: OP 7

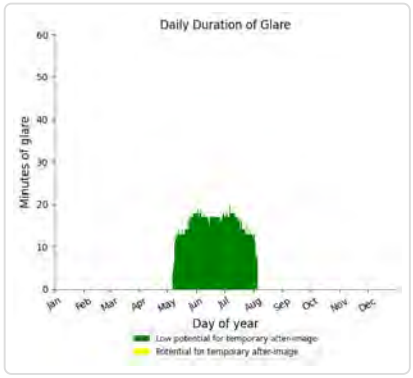
No glare found

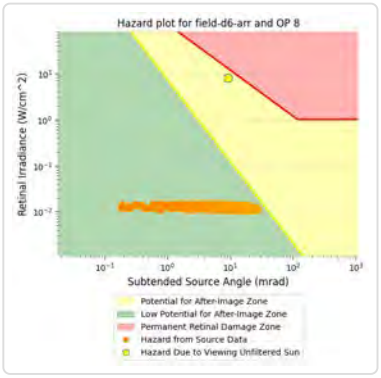
Field D6 Array: OP 8

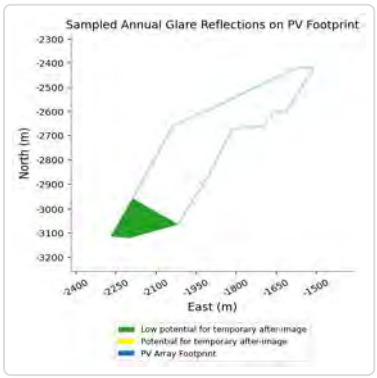
PV array is expected to produce the following glare for this receptor:

- 1,401 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





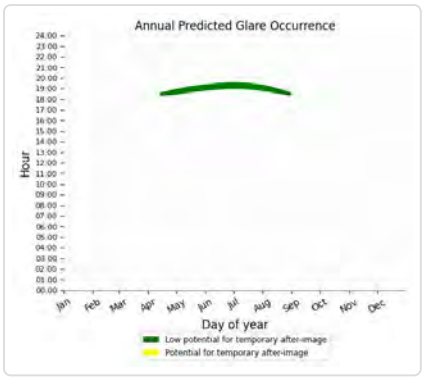


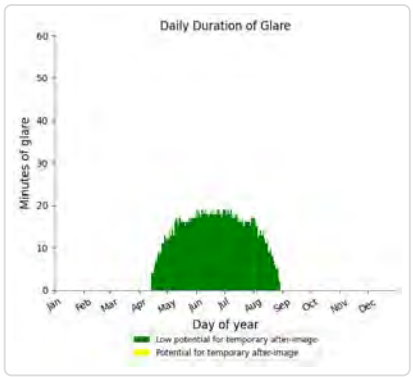


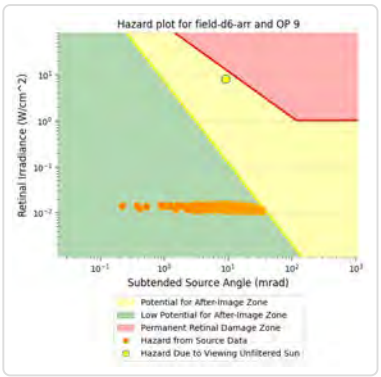
Field D6 Array: OP 9

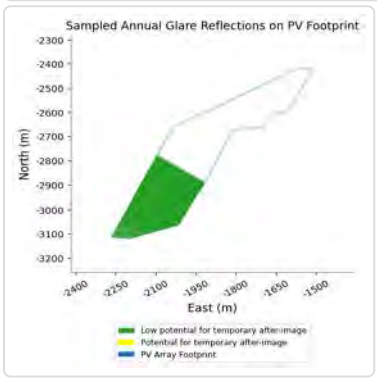
PV array is expected to produce the following glare for this receptor:

- 2,002 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





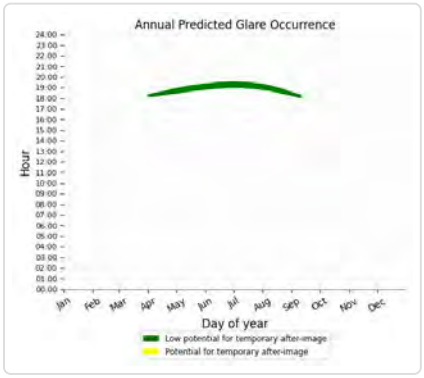


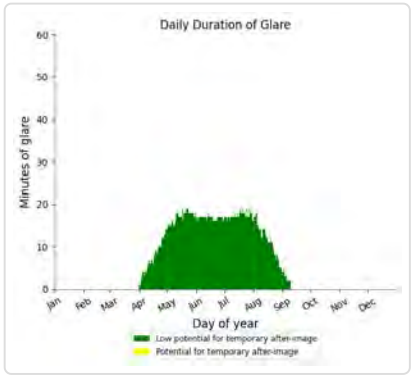


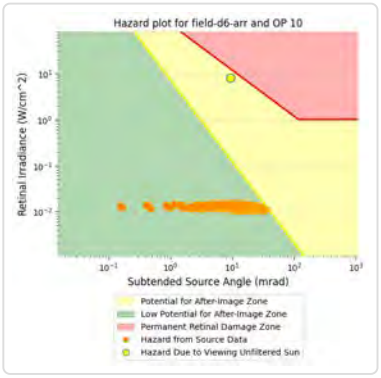
Field D6 Array: OP 10

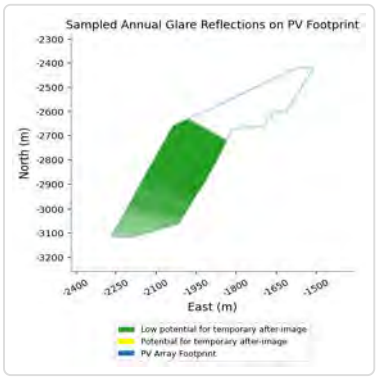
PV array is expected to produce the following glare for this receptor:

- 2,173 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





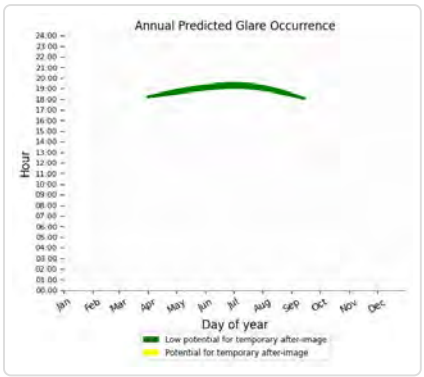




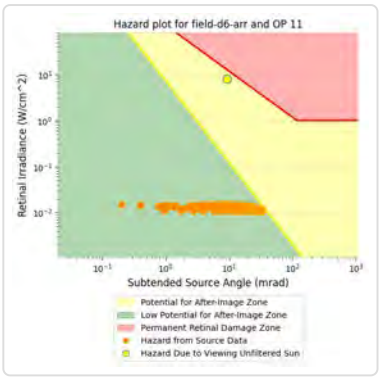
Field D6 Array: OP 11

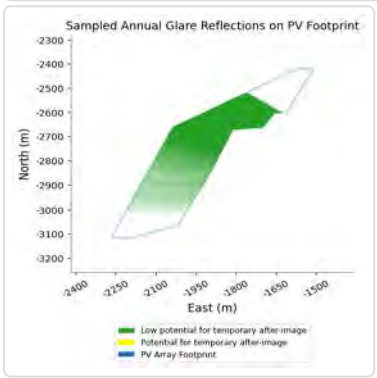
PV array is expected to produce the following glare for this receptor:

- 2,306 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





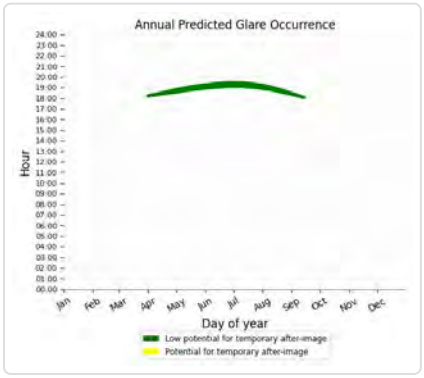


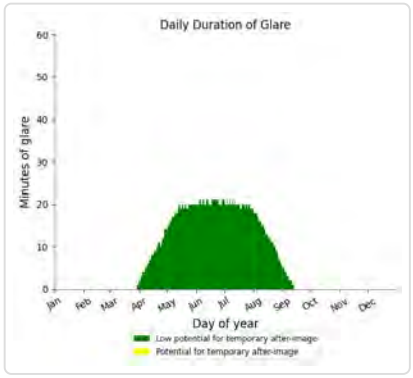


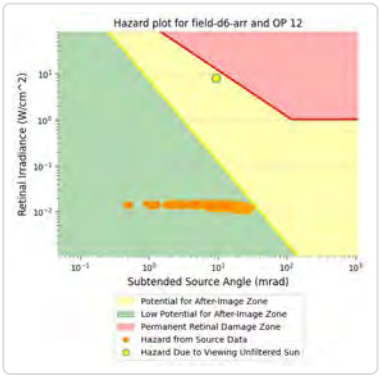
Field D6 Array: OP 12

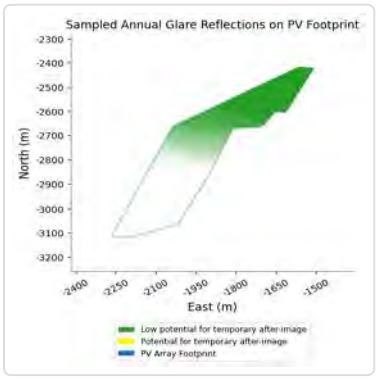
PV array is expected to produce the following glare for this receptor:

- 2,478 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





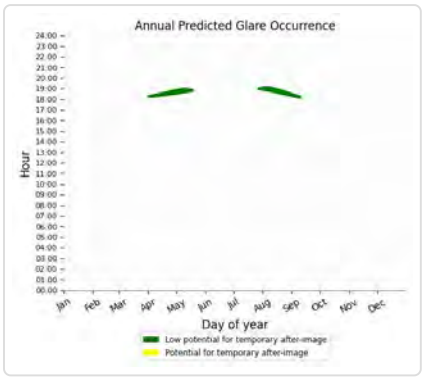


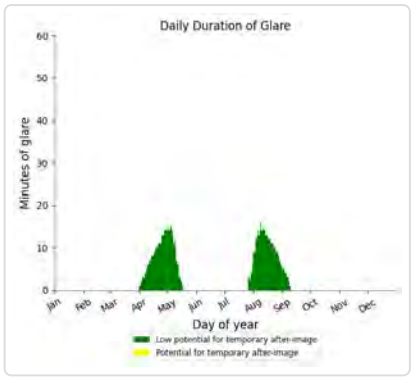


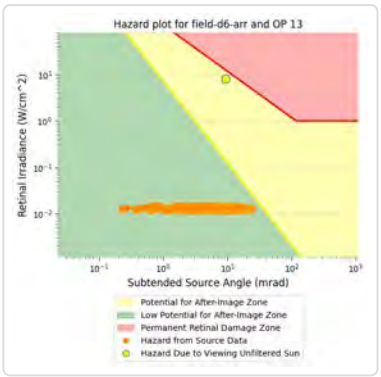
Field D6 Array: OP 13

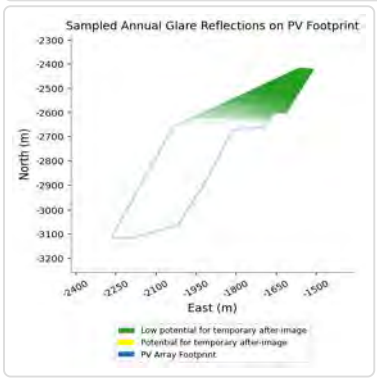
PV array is expected to produce the following glare for this receptor:

- 794 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





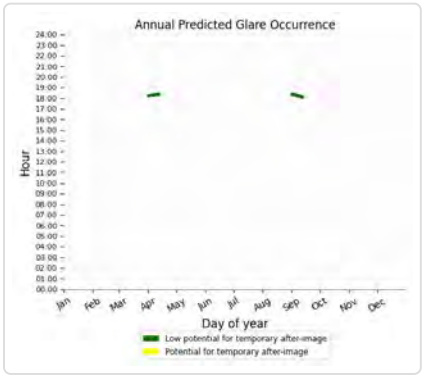


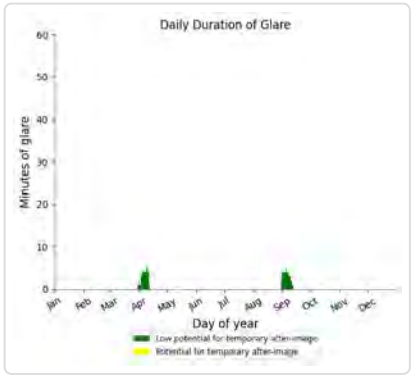


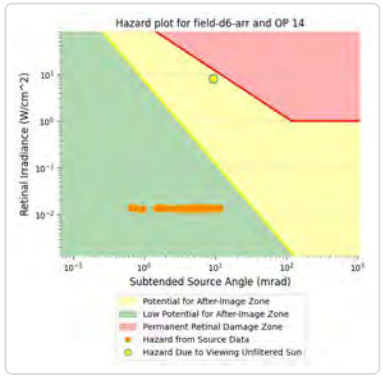
Field D6 Array: OP 14

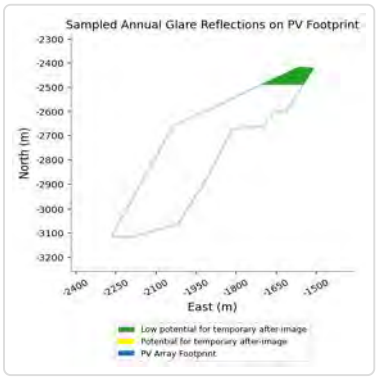
PV array is expected to produce the following glare for this receptor:

- 83 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 15

No glare found

Field D6 Array: OP 16

No glare found

Field D6 Array: OP 17

No glare found

Field D6 Array: OP 18

No glare found

Field D6 Array: OP 19

No glare found

Field D6 Array: OP 20

No glare found

Field D6 Array: OP 21

No glare found

Field D6 Array: OP 22

No glare found

Field D6 Array: OP 23

No glare found

Field D6 Array: OP 24

No glare found

Field D6 Array: OP 25

No glare found

Field D6 Array: OP 26

No glare found

Field D6 Array: OP 27

No glare found

Field D6 Array: OP 28

No glare found

Field D6 Array: OP 29

No glare found

Field D6 Array: OP 30

No glare found

Field D6 Array: OP 31

No glare found

Field D6 Array: OP 32

No glare found

Field D6 Array: OP 33

No glare found

Field D6 Array: OP 34

No glare found

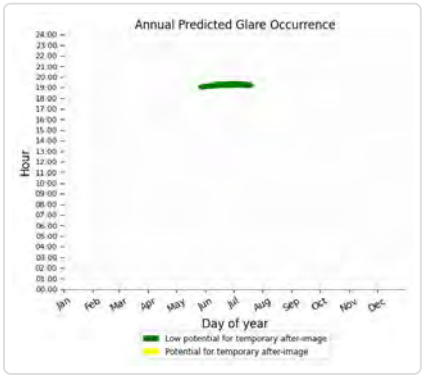
Field D6 Array: OP 35

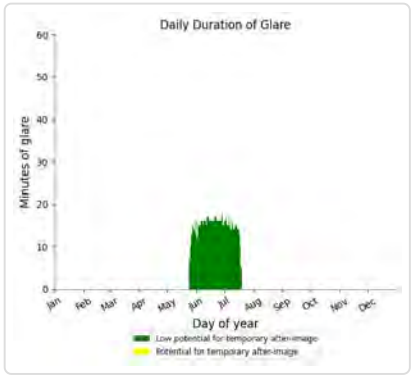
No glare found

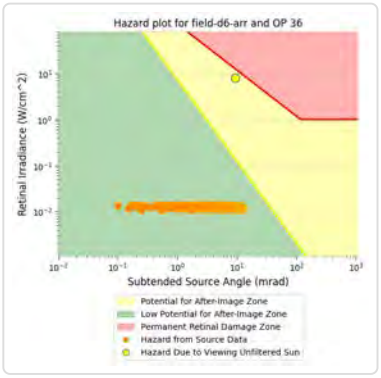
Field D6 Array: OP 36

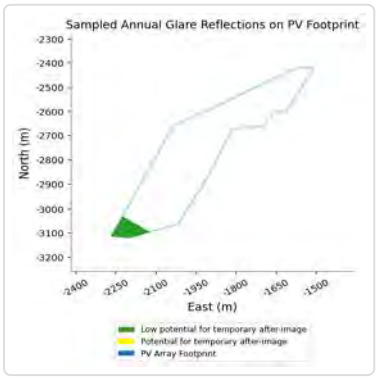
PV array is expected to produce the following glare for this receptor:

- 833 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





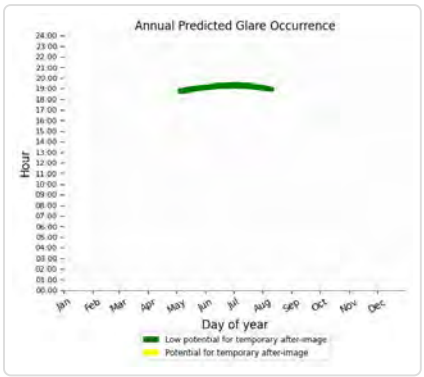


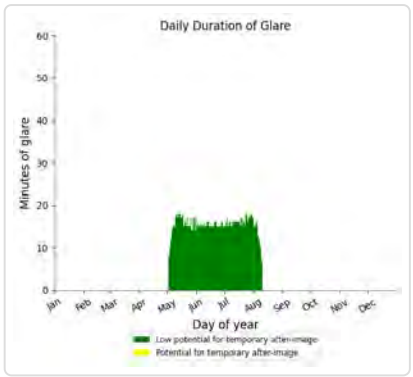


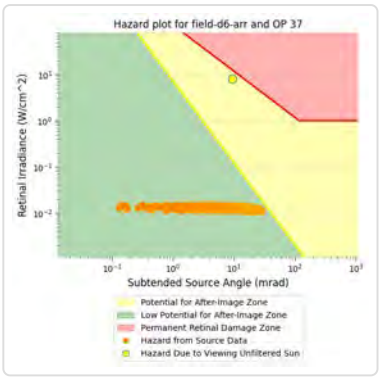
Field D6 Array: OP 37

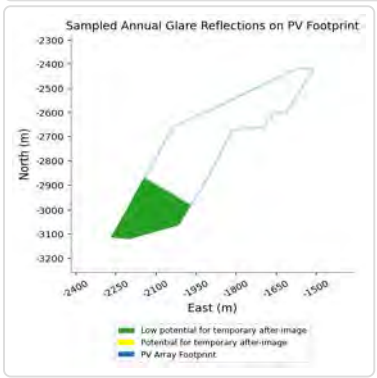
PV array is expected to produce the following glare for this receptor:

- 1,543 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





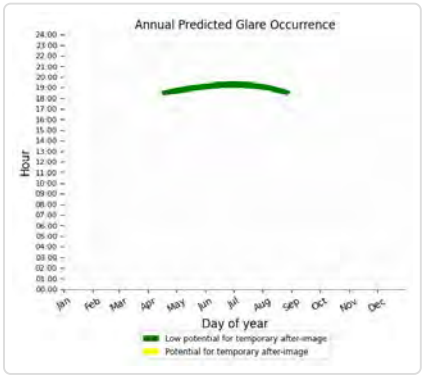


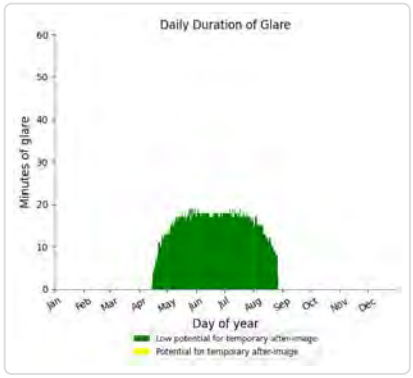


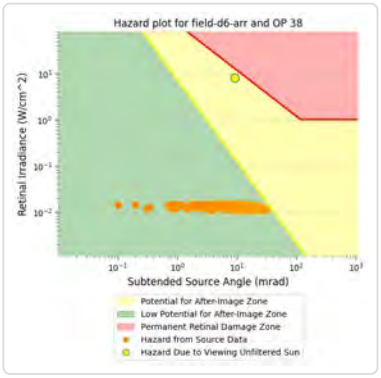
Field D6 Array: OP 38

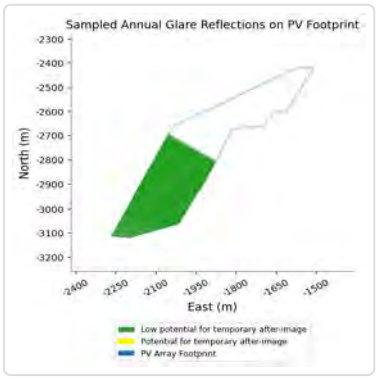
PV array is expected to produce the following glare for this receptor:

- 2,074 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





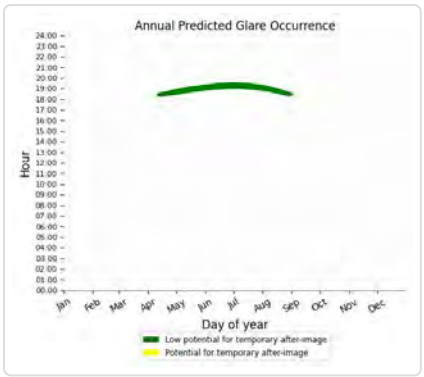




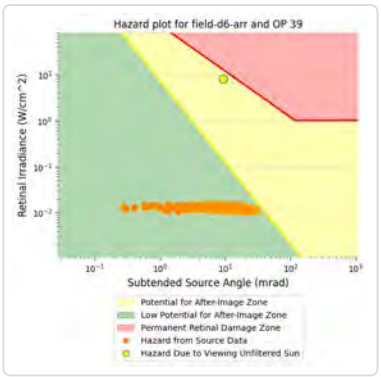
Field D6 Array: OP 39

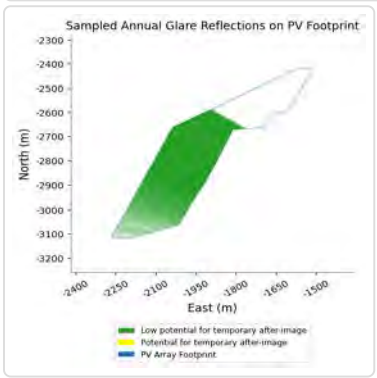
PV array is expected to produce the following glare for this receptor:

- 2,093 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





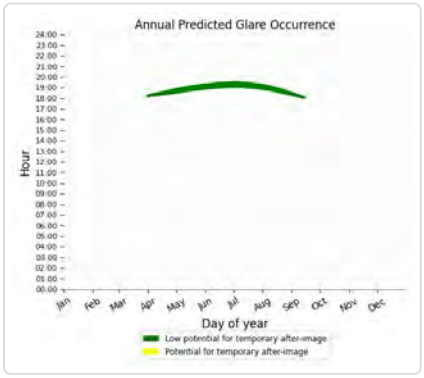


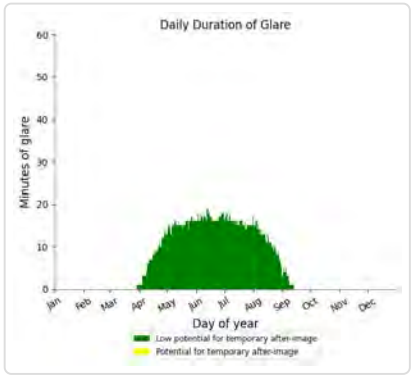


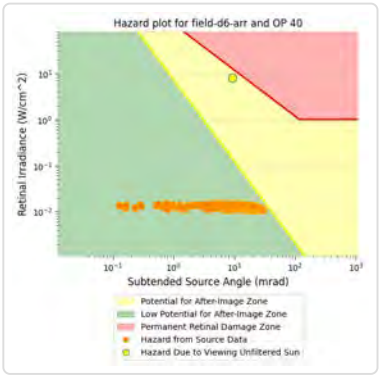
Field D6 Array: OP 40

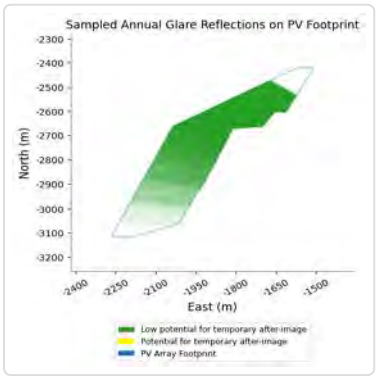
PV array is expected to produce the following glare for this receptor:

- 2,080 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





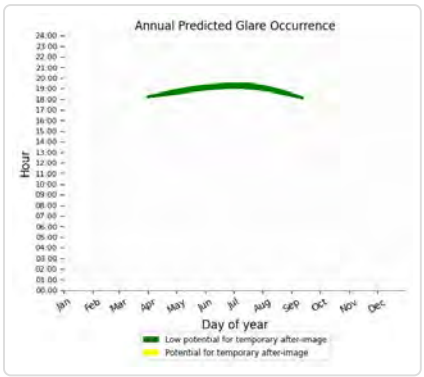


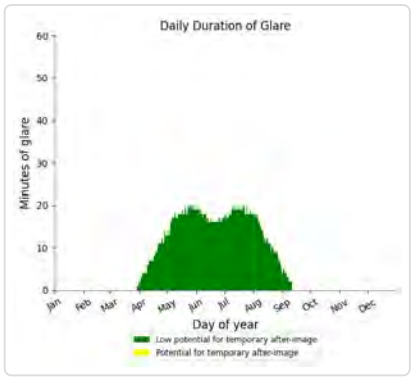


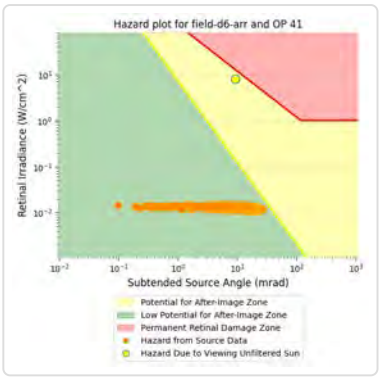
Field D6 Array: OP 41

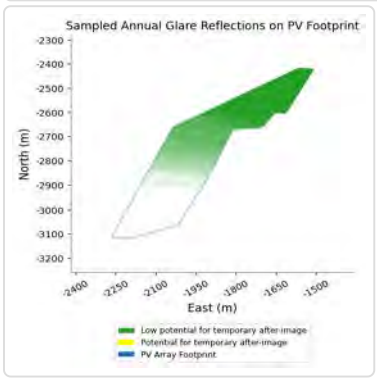
PV array is expected to produce the following glare for this receptor:

- 2,278 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





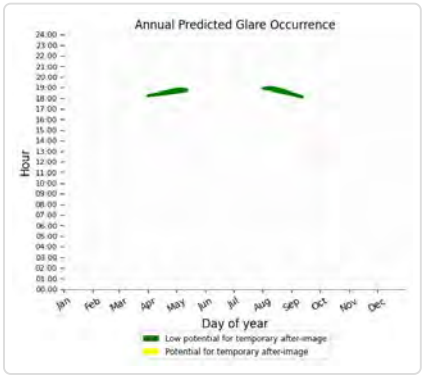


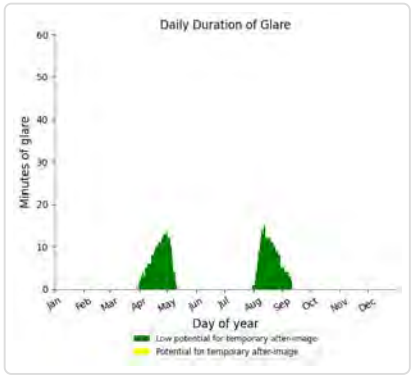


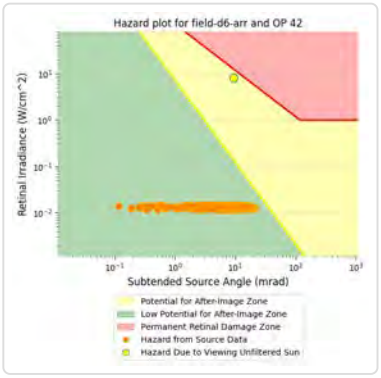
Field D6 Array: OP 42

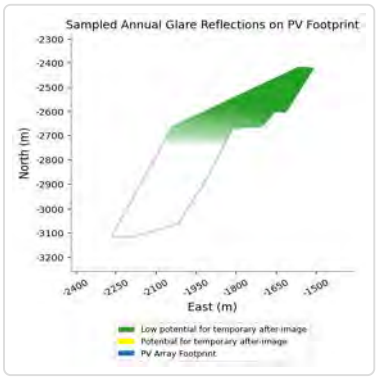
PV array is expected to produce the following glare for this receptor:

- 650 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





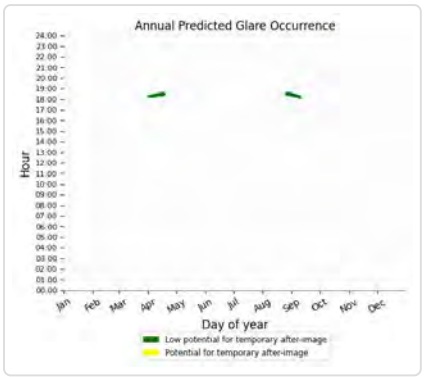




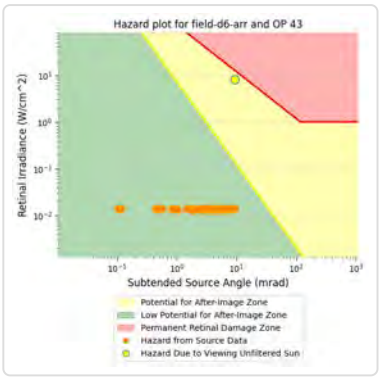
Field D6 Array: OP 43

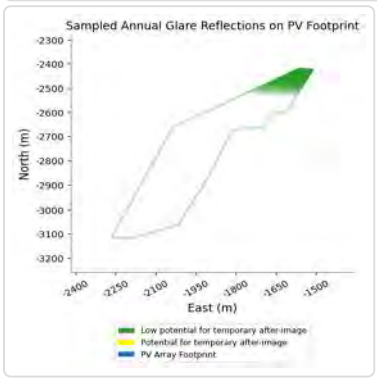
PV array is expected to produce the following glare for this receptor:

- 109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 44

No glare found

Field D6 Array: OP 45

No glare found

Field D6 Array: OP 46

No glare found

Field D6 Array: OP 47

No glare found

Field D6 Array: OP 48

No glare found

Field D6 Array: OP 49

No glare found

Field D6 Array: OP 50

No glare found

Field D6 Array: OP 51

No glare found

Field D6 Array: OP 52

No glare found

Field D6 Array: OP 53

No glare found

Field D6 Array: OP 54

No glare found

Field D6 Array: OP 55

No glare found

Field D6 Array: OP 56

No glare found

Field D6 Array: OP 57

No glare found

Field D6 Array: OP 58

No glare found

Field D6 Array: OP 59

No glare found

Field D6 Array: OP 60

No glare found

Field D6 Array: OP 61

No glare found

Field D6 Array: OP 62

No glare found

Field D6 Array: OP 63

No glare found

Field D6 Array: OP 64

No glare found

Field D6 Array: OP 65

No glare found

Field D6 Array: OP 66

No glare found

Field D6 Array: OP 67

No glare found

Field D6 Array: OP 68

No glare found

Field D6 Array: OP 69

No glare found

Field D6 Array: OP 70

No glare found

Field D7 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	990	0
OP: OP 12	2624	0
OP: OP 13	2738	0
OP: OP 14	140	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0

OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	1550	0
OP: OP 41	2361	0
OP: OP 42	2182	0
OP: OP 43	246	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D7 Array: OP 1

No glare found

Field D7 Array: OP 2

No glare found

Field D7 Array: OP 3

No glare found

Field D7 Array: OP 4

No glare found

Field D7 Array: OP 5

No glare found

Field D7 Array: OP 6

No glare found

Field D7 Array: OP 7

No glare found

Field D7 Array: OP 8

No glare found

Field D7 Array: OP 9

No glare found

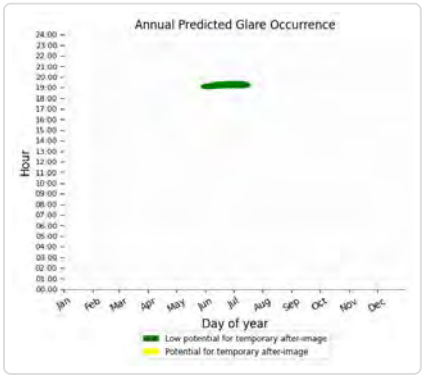
Field D7 Array: OP 10

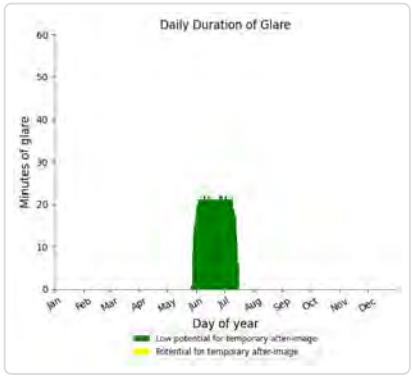
No glare found

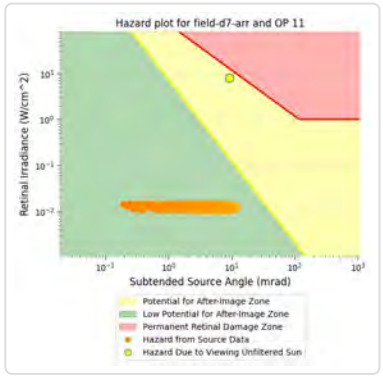
Field D7 Array: OP 11

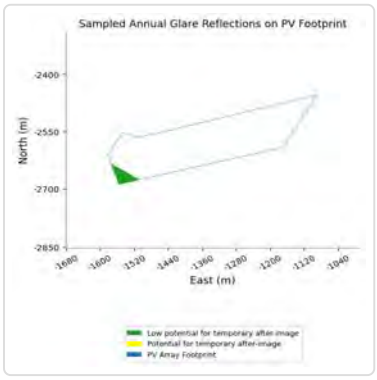
PV array is expected to produce the following glare for this receptor:

- 990 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





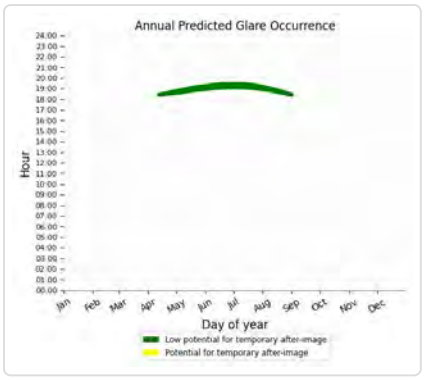


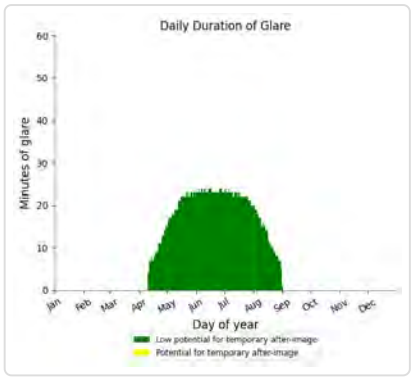


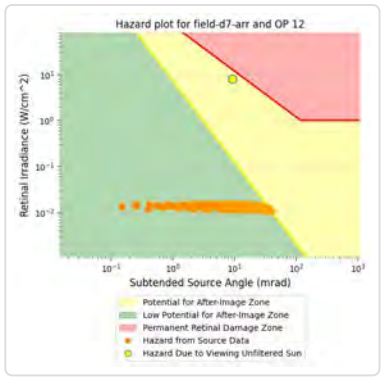
Field D7 Array: OP 12

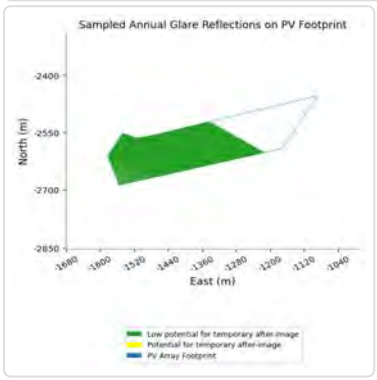
PV array is expected to produce the following glare for this receptor:

- 2,624 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





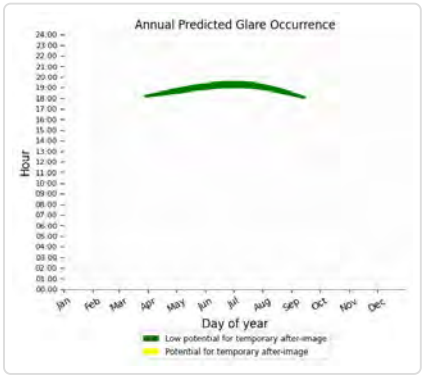


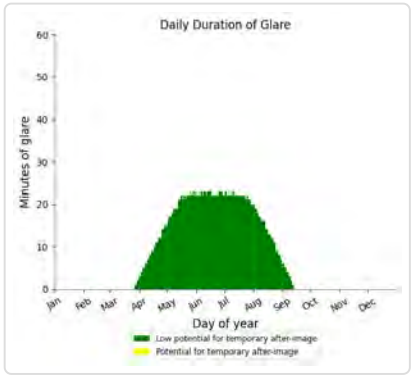


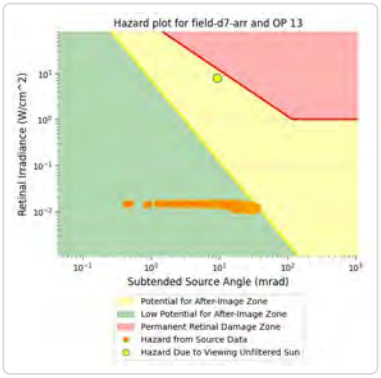
Field D7 Array: OP 13

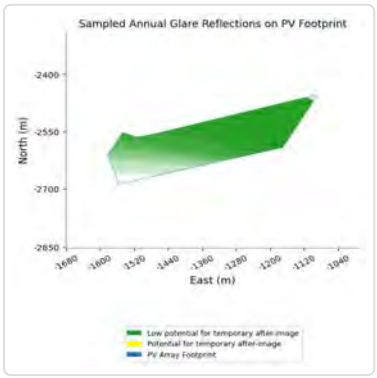
PV array is expected to produce the following glare for this receptor:

- 2,738 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





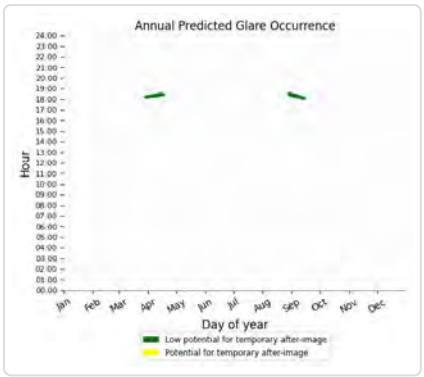




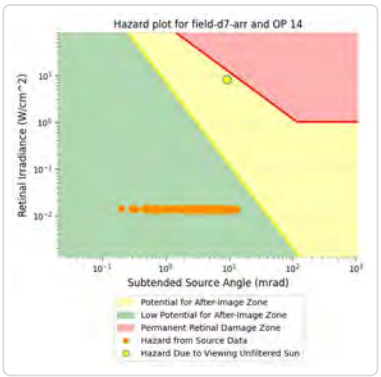
Field D7 Array: OP 14

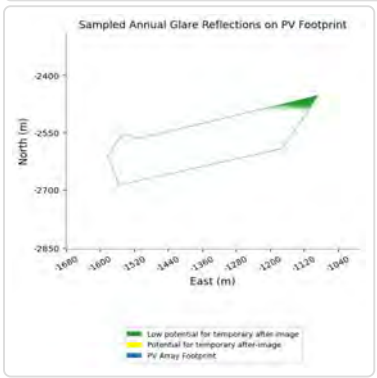
PV array is expected to produce the following glare for this receptor:

- 140 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 15

No glare found

Field D7 Array: OP 16

No glare found

Field D7 Array: OP 17

No glare found

Field D7 Array: OP 18

No glare found

Field D7 Array: OP 19

No glare found

Field D7 Array: OP 20

No glare found

Field D7 Array: OP 21

No glare found

Field D7 Array: OP 22

No glare found

Field D7 Array: OP 23

No glare found

Field D7 Array: OP 24

No glare found

Field D7 Array: OP 25

No glare found

Field D7 Array: OP 26

No glare found

Field D7 Array: OP 27

No glare found

Field D7 Array: OP 28

No glare found

Field D7 Array: OP 29

No glare found

Field D7 Array: OP 30

No glare found

Field D7 Array: OP 31

No glare found

Field D7 Array: OP 32

No glare found

Field D7 Array: OP 33

No glare found

Field D7 Array: OP 34

No glare found

Field D7 Array: OP 35

No glare found

Field D7 Array: OP 36

No glare found

Field D7 Array: OP 37

No glare found

Field D7 Array: OP 38

No glare found

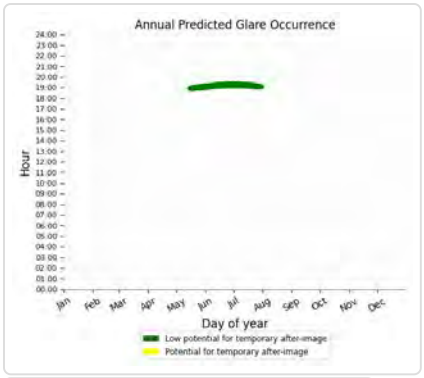
Field D7 Array: OP 39

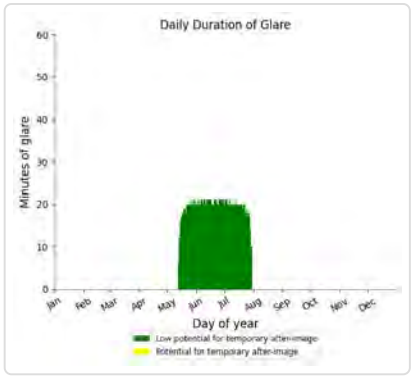
No glare found

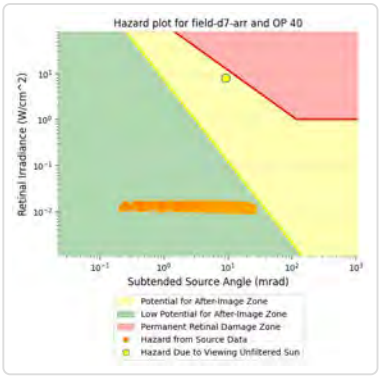
Field D7 Array: OP 40

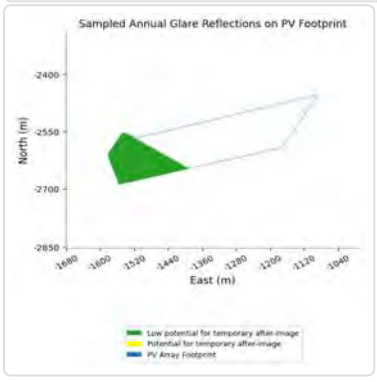
PV array is expected to produce the following glare for this receptor:

- 1,550 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





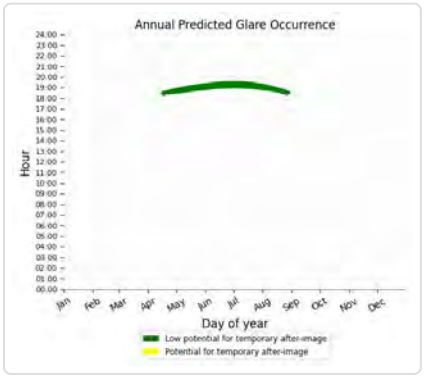


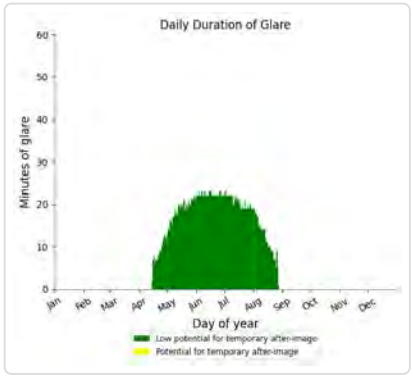


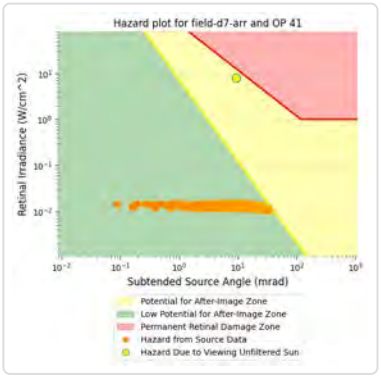
Field D7 Array: OP 41

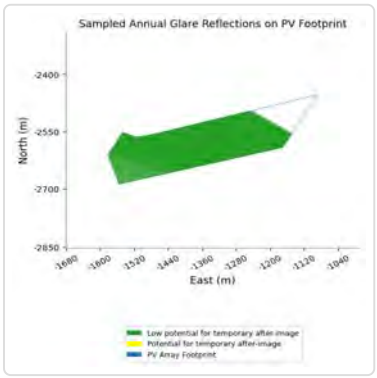
PV array is expected to produce the following glare for this receptor:

- 2,361 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





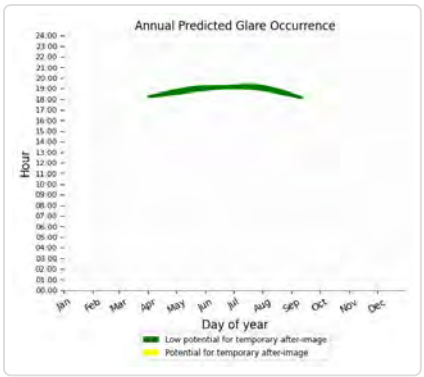




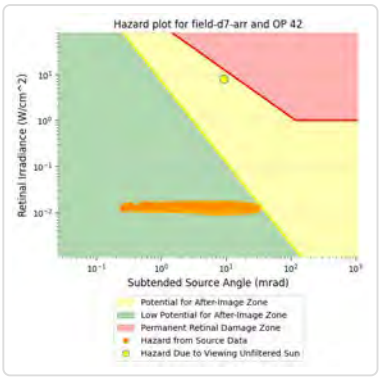
Field D7 Array: OP 42

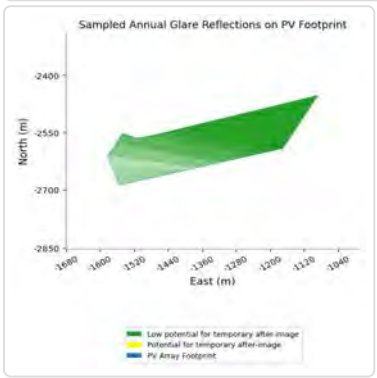
PV array is expected to produce the following glare for this receptor:

- 2,182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





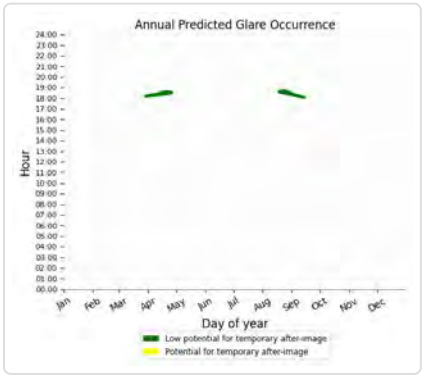


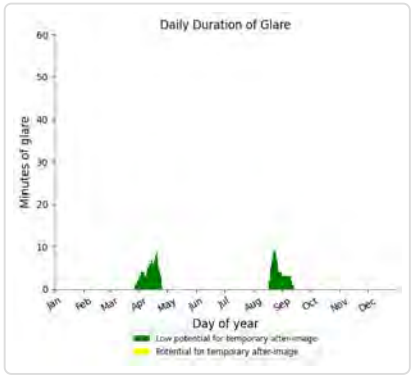


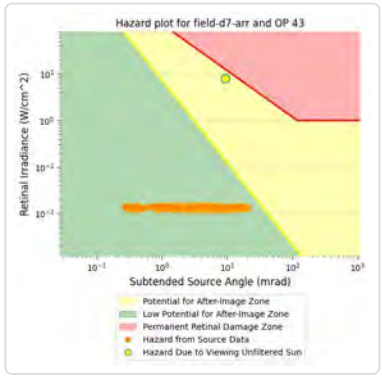
Field D7 Array: OP 43

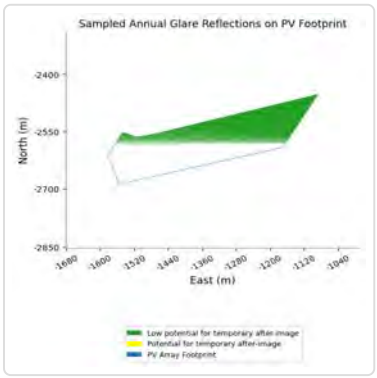
PV array is expected to produce the following glare for this receptor:

- 246 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 44

No glare found

Field D7 Array: OP 45

No glare found

Field D7 Array: OP 46

No glare found

Field D7 Array: OP 47

No glare found

Field D7 Array: OP 48

No glare found

Field D7 Array: OP 49

No glare found

Field D7 Array: OP 50

No glare found

Field D7 Array: OP 51

No glare found

Field D7 Array: OP 52

No glare found

Field D7 Array: OP 53

No glare found

Field D7 Array: OP 54

No glare found

Field D7 Array: OP 55

No glare found

Field D7 Array: OP 56

No glare found

Field D7 Array: OP 57

No glare found

Field D7 Array: OP 58

No glare found

Field D7 Array: OP 59

No glare found

Field D7 Array: OP 60

No glare found

Field D7 Array: OP 61

No glare found

Field D7 Array: OP 62

No glare found

Field D7 Array: OP 63

No glare found

Field D7 Array: OP 64

No glare found

Field D7 Array: OP 65

No glare found

Field D7 Array: OP 66

No glare found

Field D7 Array: OP 67

No glare found

Field D7 Array: OP 68

No glare found

Field D7 Array: OP 69

No glare found

Field D7 Array: OP 70

No glare found

Field D8 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	1310	0
OP: OP 12	2052	0
OP: OP 13	2126	0
OP: OP 14	1722	0
OP: OP 15	285	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	119	0
OP: OP 40	1012	0
OP: OP 41	1827	0
OP: OP 42	1739	0
OP: OP 43	986	0

OP: OP 44	151	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D8 Array: OP 1

No glare found

Field D8 Array: OP 2

No glare found

Field D8 Array: OP 3

No glare found

Field D8 Array: OP 4

No glare found

Field D8 Array: OP 5

No glare found

Field D8 Array: OP 6

No glare found

Field D8 Array: OP 7

No glare found

Field D8 Array: OP 8

No glare found

Field D8 Array: OP 9

No glare found

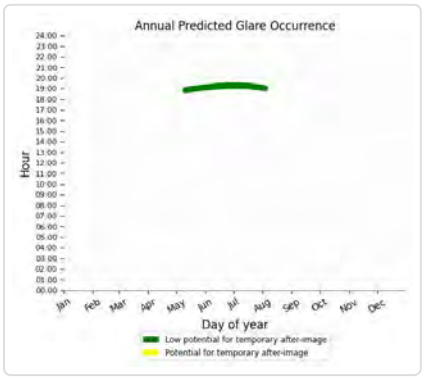
Field D8 Array: OP 10

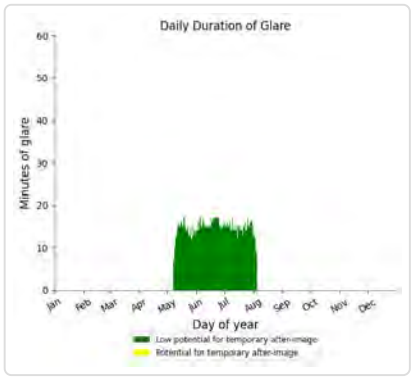
No glare found

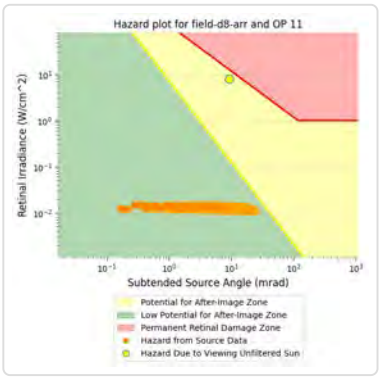
Field D8 Array: OP 11

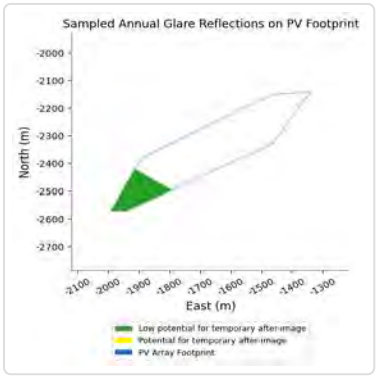
PV array is expected to produce the following glare for this receptor:

- 1,310 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





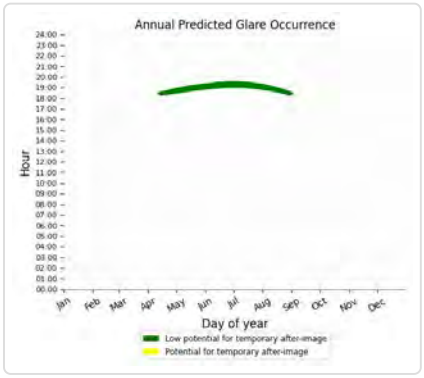


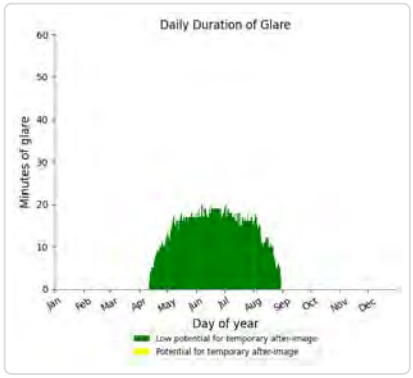


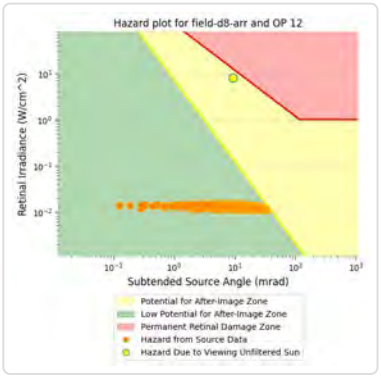
Field D8 Array: OP 12

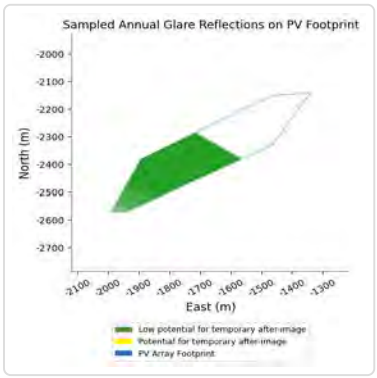
PV array is expected to produce the following glare for this receptor:

- 2,052 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





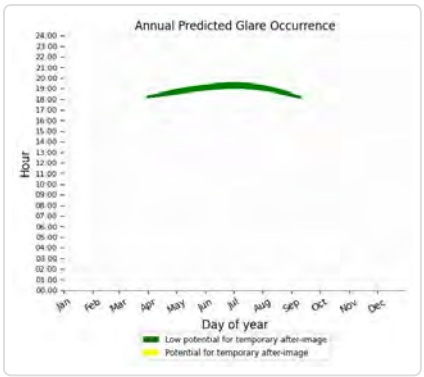




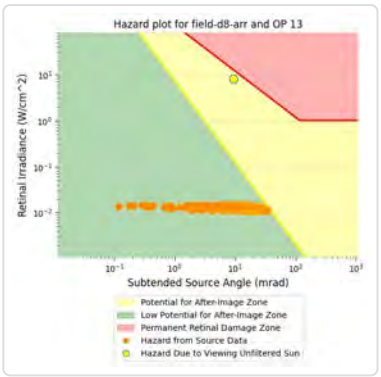
Field D8 Array: OP 13

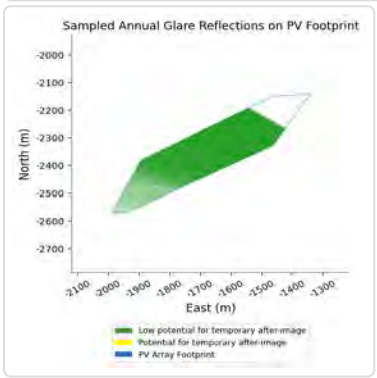
PV array is expected to produce the following glare for this receptor:

- 2,126 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





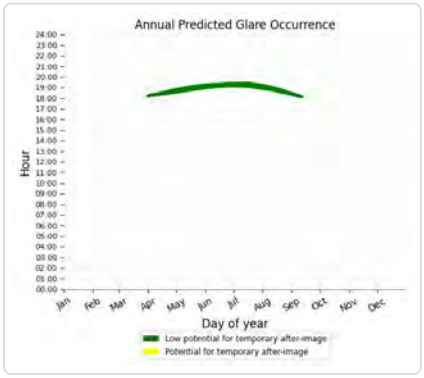


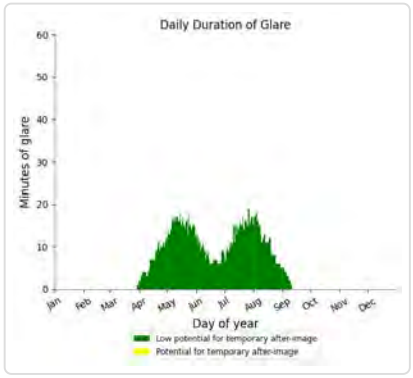


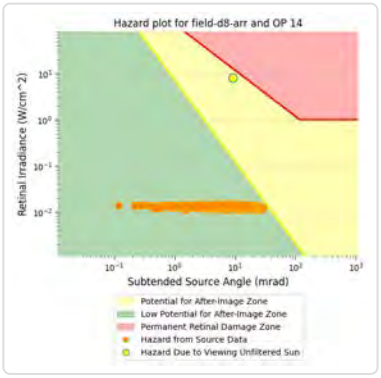
Field D8 Array: OP 14

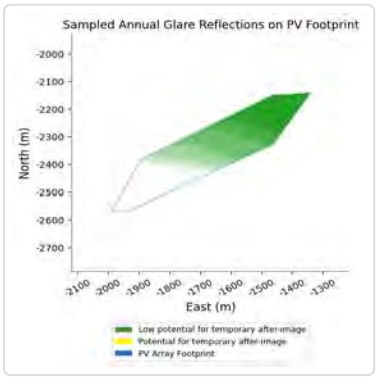
PV array is expected to produce the following glare for this receptor:

- 1,722 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





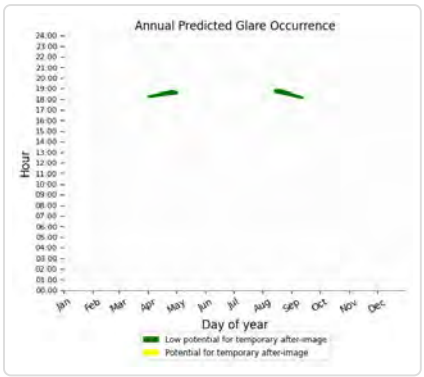


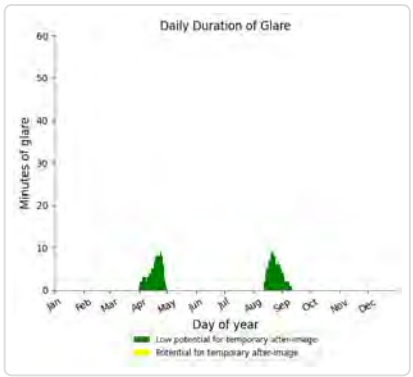


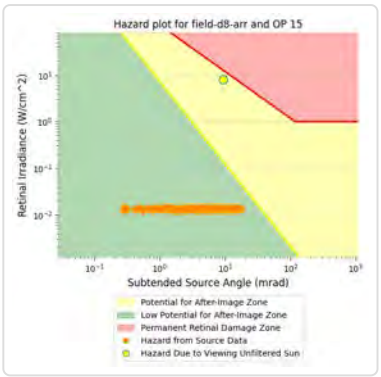
Field D8 Array: OP 15

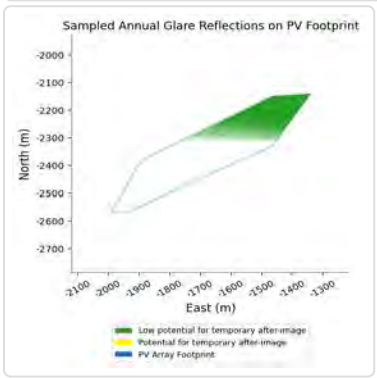
PV array is expected to produce the following glare for this receptor:

- 285 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 16

No glare found

Field D8 Array: OP 17

No glare found

Field D8 Array: OP 18

No glare found

Field D8 Array: OP 19

No glare found

Field D8 Array: OP 20

No glare found

Field D8 Array: OP 21

No glare found

Field D8 Array: OP 22

No glare found

Field D8 Array: OP 23

No glare found

Field D8 Array: OP 24

No glare found

Field D8 Array: OP 25

No glare found

Field D8 Array: OP 26

No glare found

Field D8 Array: OP 27

No glare found

Field D8 Array: OP 28

No glare found

Field D8 Array: OP 29

No glare found

Field D8 Array: OP 30

No glare found

Field D8 Array: OP 31

No glare found

Field D8 Array: OP 32

No glare found

Field D8 Array: OP 33

No glare found

Field D8 Array: OP 34

No glare found

Field D8 Array: OP 35

No glare found

Field D8 Array: OP 36

No glare found

Field D8 Array: OP 37

No glare found

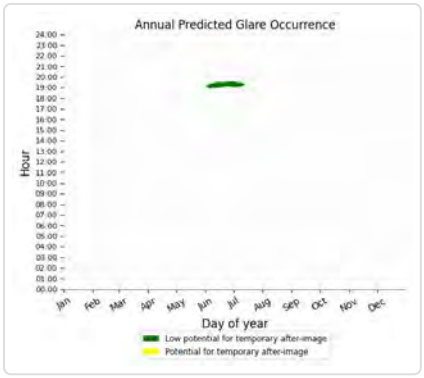
Field D8 Array: OP 38

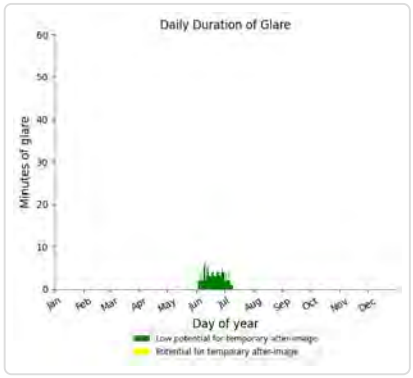
No glare found

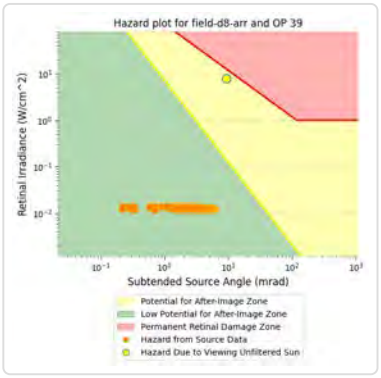
Field D8 Array: OP 39

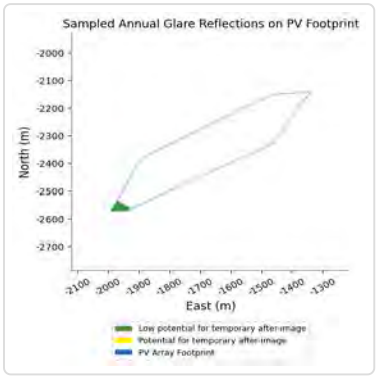
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





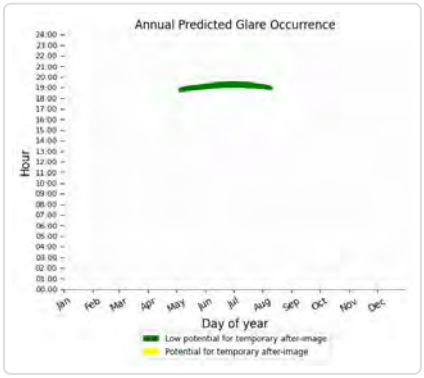


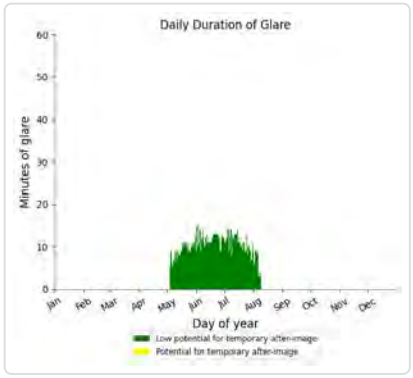


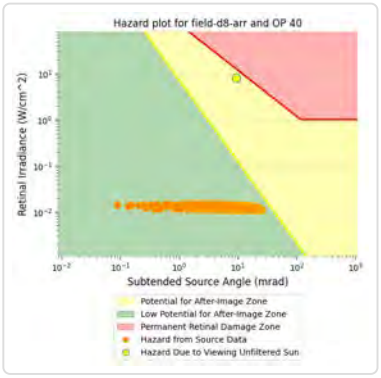
Field D8 Array: OP 40

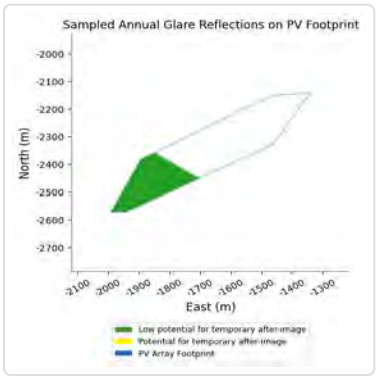
PV array is expected to produce the following glare for this receptor:

- 1,012 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





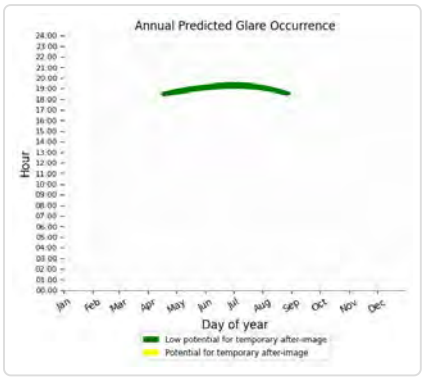


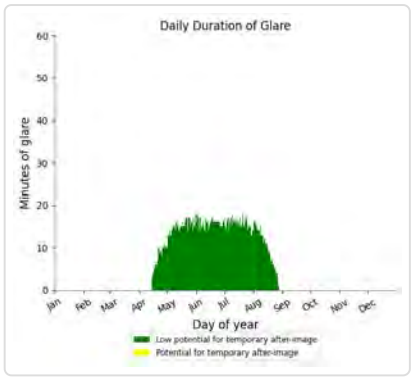


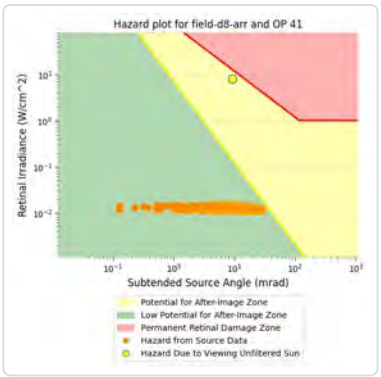
Field D8 Array: OP 41

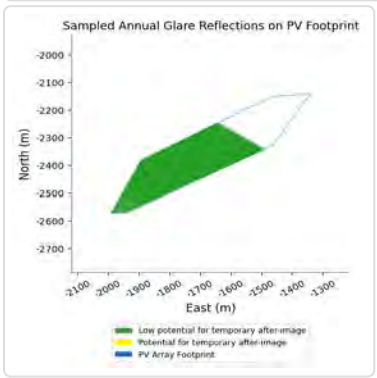
PV array is expected to produce the following glare for this receptor:

- 1,827 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





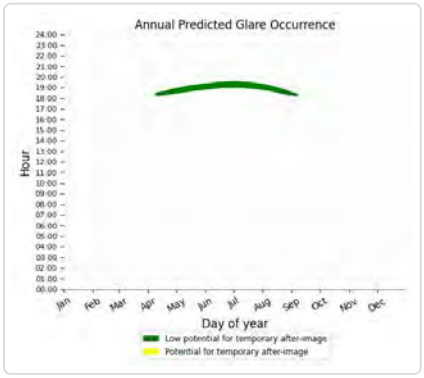


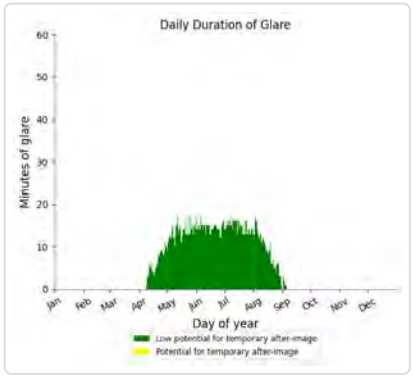


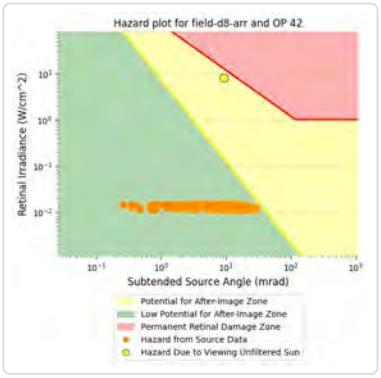
Field D8 Array: OP 42

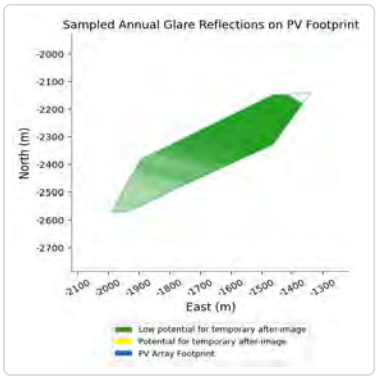
PV array is expected to produce the following glare for this receptor:

- 1,739 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





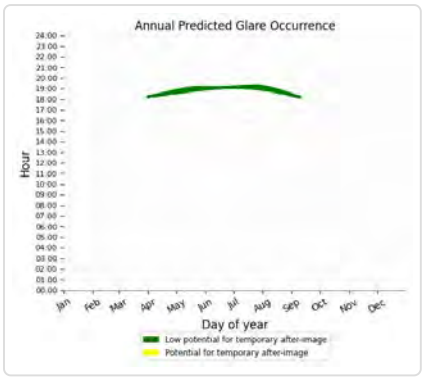


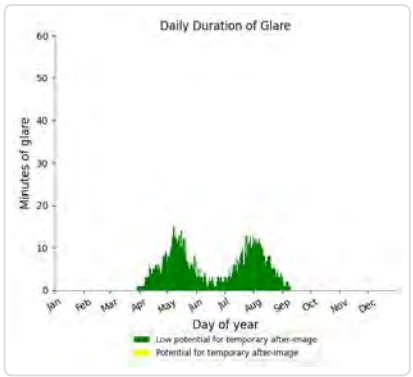


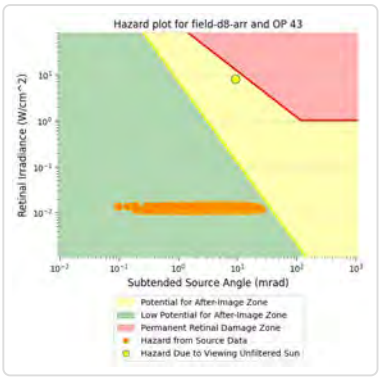
Field D8 Array: OP 43

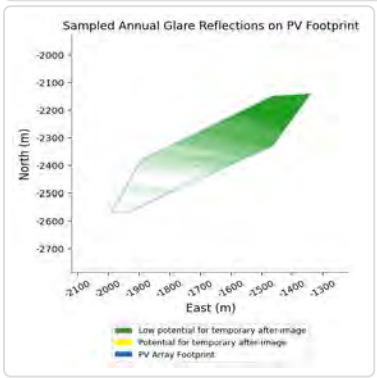
PV array is expected to produce the following glare for this receptor:

- 986 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





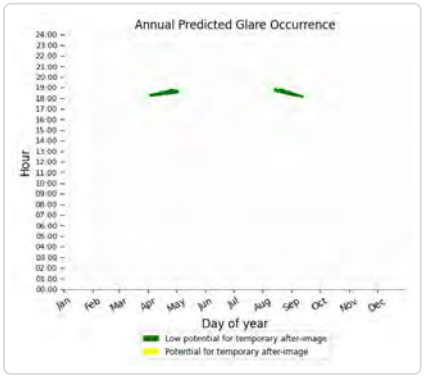


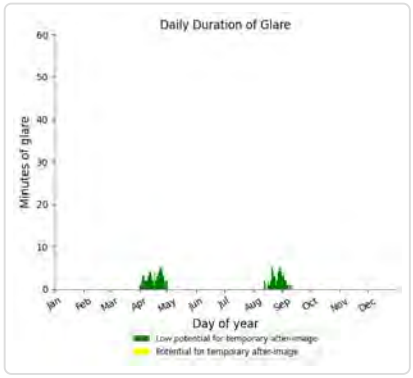


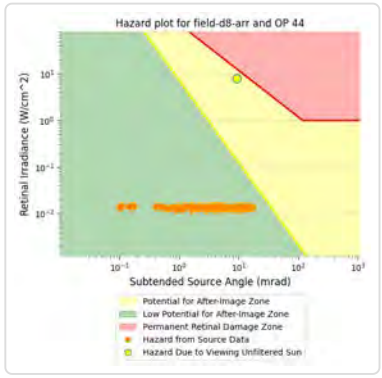
Field D8 Array: OP 44

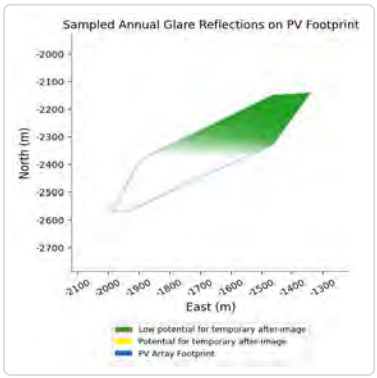
PV array is expected to produce the following glare for this receptor:

- 151 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 45

No glare found

Field D8 Array: OP 46

No glare found

Field D8 Array: OP 47

No glare found

Field D8 Array: OP 48

No glare found

Field D8 Array: OP 49

No glare found

Field D8 Array: OP 50

No glare found

Field D8 Array: OP 51

No glare found

Field D8 Array: OP 52

No glare found

Field D8 Array: OP 53

No glare found

Field D8 Array: OP 54

No glare found

Field D8 Array: OP 55

No glare found

Field D8 Array: OP 56

No glare found

Field D8 Array: OP 57

No glare found

Field D8 Array: OP 58

No glare found

Field D8 Array: OP 59

No glare found

Field D8 Array: OP 60

No glare found

Field D8 Array: OP 61

No glare found

Field D8 Array: OP 62

No glare found

Field D8 Array: OP 63

No glare found

Field D8 Array: OP 64

No glare found

Field D8 Array: OP 65

No glare found

Field D8 Array: OP 66

No glare found

Field D8 Array: OP 67

No glare found

Field D8 Array: OP 68

No glare found

Field D8 Array: OP 69

No glare found

Field D8 Array: OP 70

No glare found

Field D9 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	1869	0
OP: OP 17	2086	314
OP: OP 18	2480	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	220	0
OP: OP 45	1821	0
OP: OP 46	2211	0

OP: OP 47	2068	0
OP: OP 48	798	0
OP: OP 49	69	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D9 Array: OP 1

No glare found

Field D9 Array: OP 2

No glare found

Field D9 Array: OP 3

No glare found

Field D9 Array: OP 4

No glare found

Field D9 Array: OP 5

No glare found

Field D9 Array: OP 6

No glare found

Field D9 Array: OP 7

No glare found

Field D9 Array: OP 8

No glare found

Field D9 Array: OP 9

No glare found

Field D9 Array: OP 10

No glare found

Field D9 Array: OP 11

No glare found

Field D9 Array: OP 12

No glare found

Field D9 Array: OP 13

No glare found

Field D9 Array: OP 14

No glare found

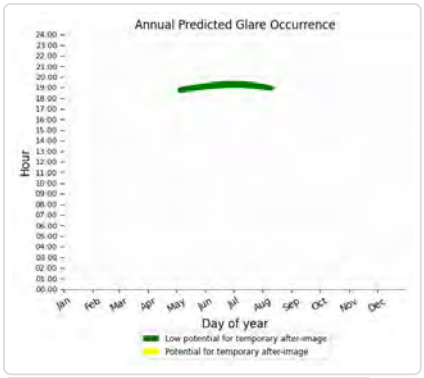
Field D9 Array: OP 15

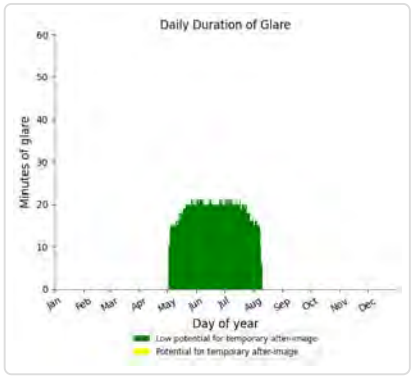
No glare found

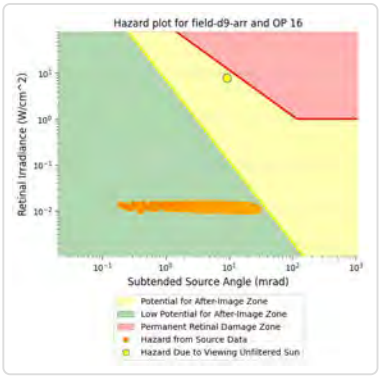
Field D9 Array: OP 16

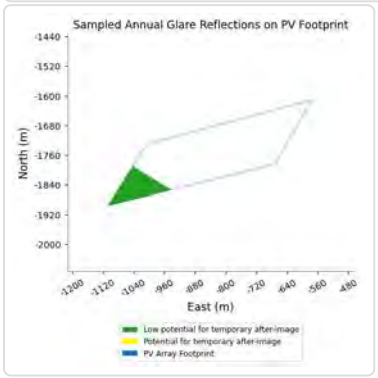
PV array is expected to produce the following glare for this receptor:

- 1,869 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





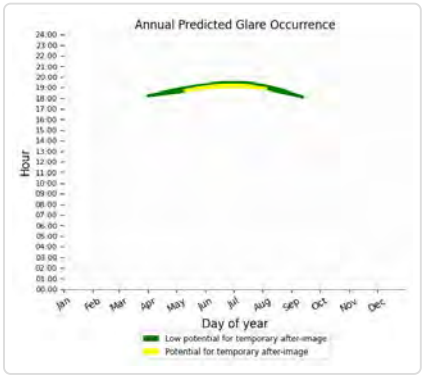


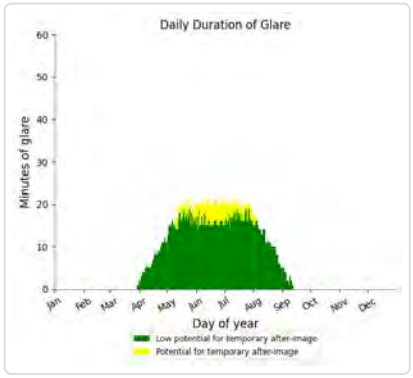


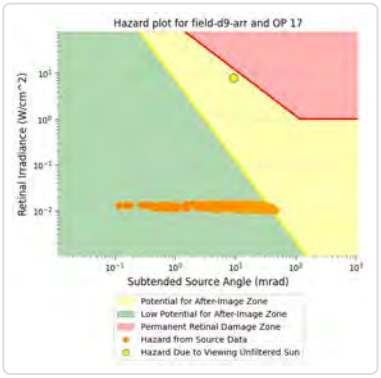
Field D9 Array: OP 17

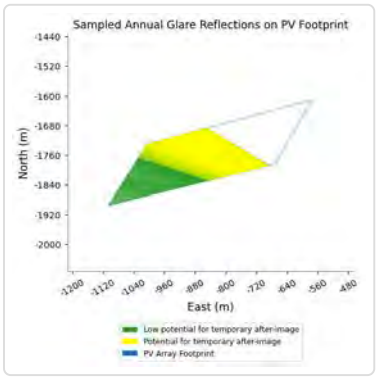
PV array is expected to produce the following glare for this receptor:

- 2,086 minutes of "green" glare with low potential to cause temporary after-image.
- 314 minutes of "yellow" glare with potential to cause temporary after-image.





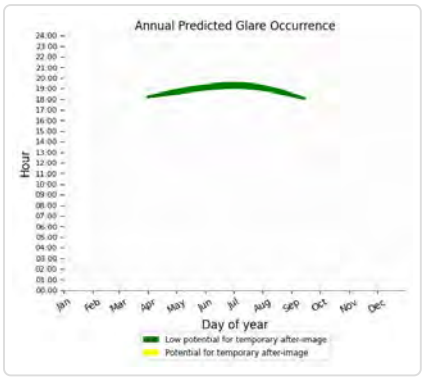




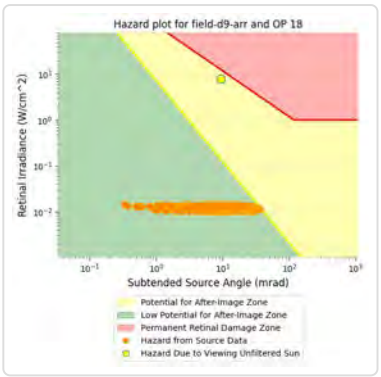
Field D9 Array: OP 18

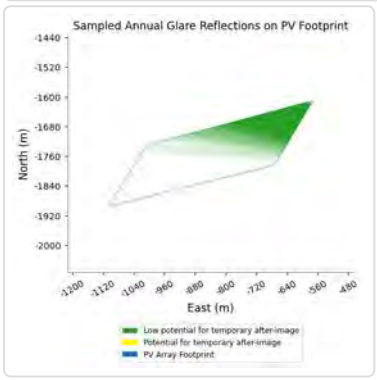
PV array is expected to produce the following glare for this receptor:

- 2,480 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 19

No glare found

Field D9 Array: OP 20

No glare found

Field D9 Array: OP 21

No glare found

Field D9 Array: OP 22

No glare found

Field D9 Array: OP 23

No glare found

Field D9 Array: OP 24

No glare found

Field D9 Array: OP 25

No glare found

Field D9 Array: OP 26

No glare found

Field D9 Array: OP 27

No glare found

Field D9 Array: OP 28

No glare found

Field D9 Array: OP 29

No glare found

Field D9 Array: OP 30

No glare found

Field D9 Array: OP 31

No glare found

Field D9 Array: OP 32

No glare found

Field D9 Array: OP 33

No glare found

Field D9 Array: OP 34

No glare found

Field D9 Array: OP 35

No glare found

Field D9 Array: OP 36

No glare found

Field D9 Array: OP 37

No glare found

Field D9 Array: OP 38

No glare found

Field D9 Array: OP 39

No glare found

Field D9 Array: OP 40

No glare found

Field D9 Array: OP 41

No glare found

Field D9 Array: OP 42

No glare found

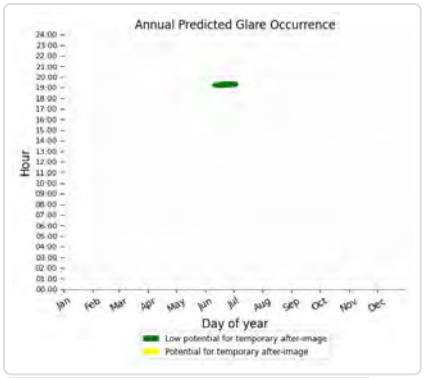
Field D9 Array: OP 43

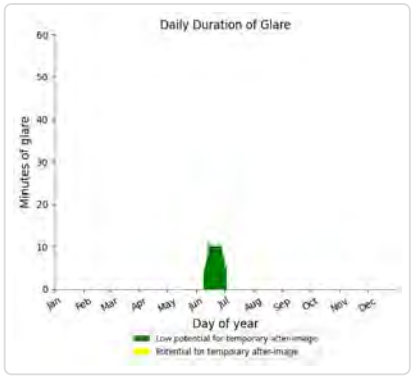
No glare found

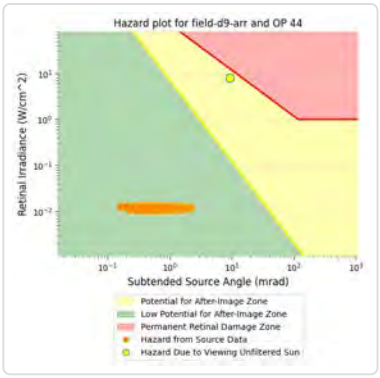
Field D9 Array: OP 44

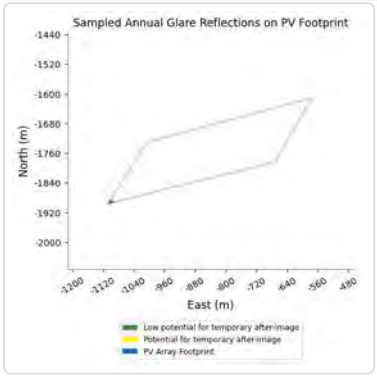
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





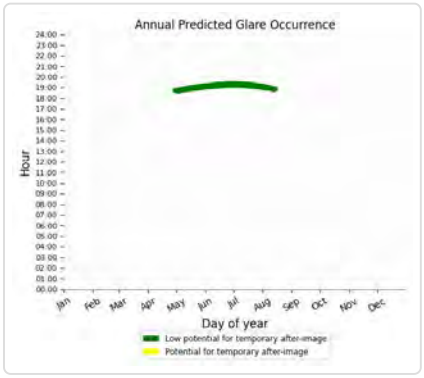


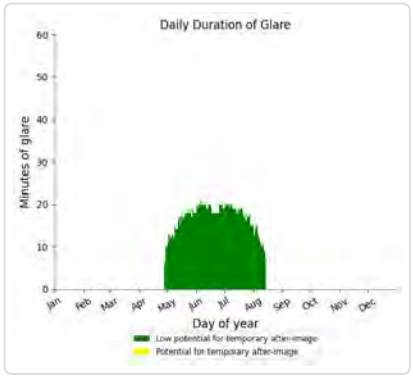


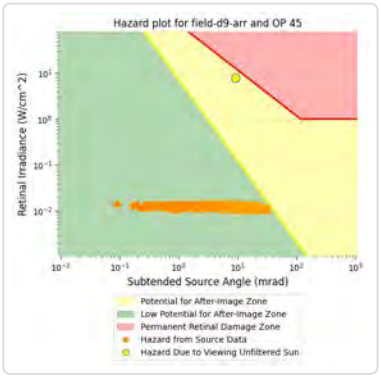
Field D9 Array: OP 45

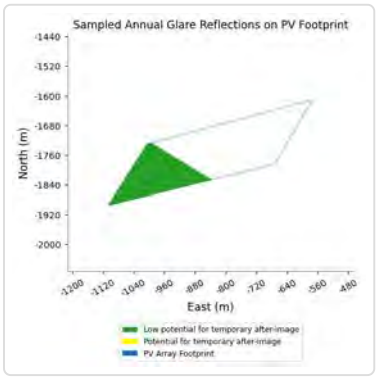
PV array is expected to produce the following glare for this receptor:

- 1,821 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





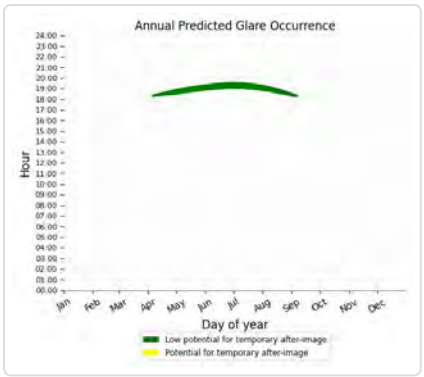


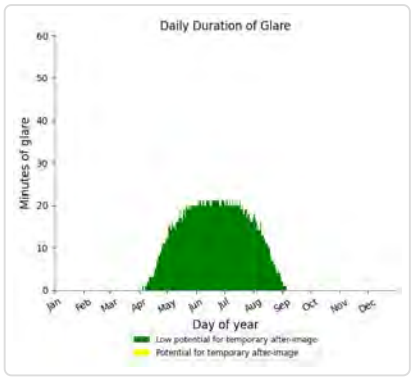


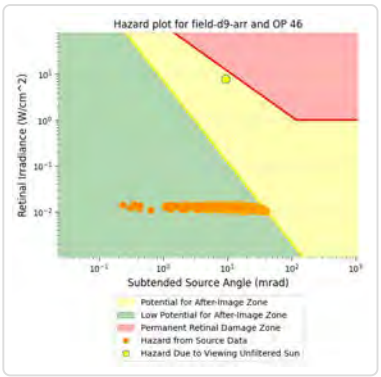
Field D9 Array: OP 46

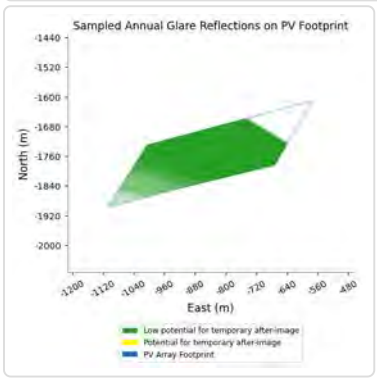
PV array is expected to produce the following glare for this receptor:

- 2,211 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





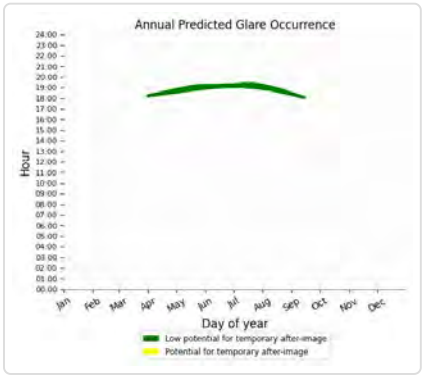


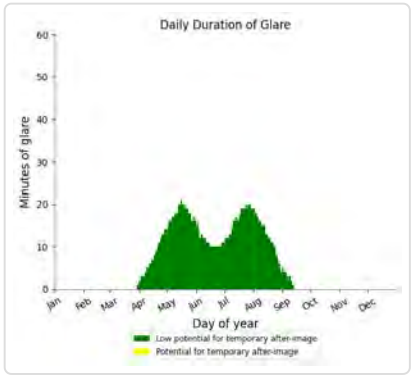


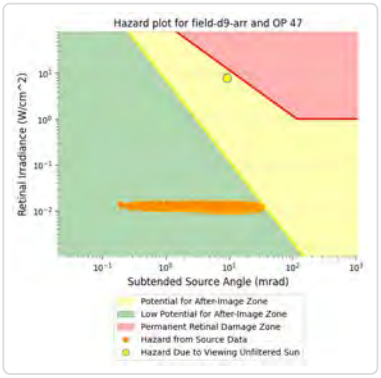
Field D9 Array: OP 47

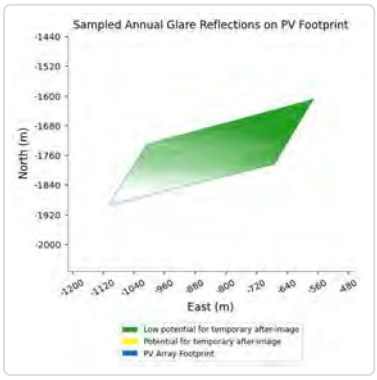
PV array is expected to produce the following glare for this receptor:

- 2,068 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





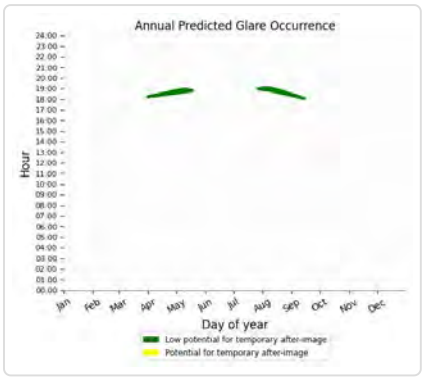


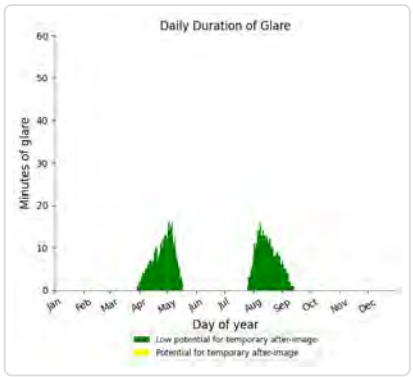


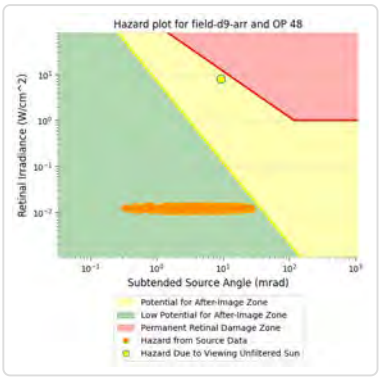
Field D9 Array: OP 48

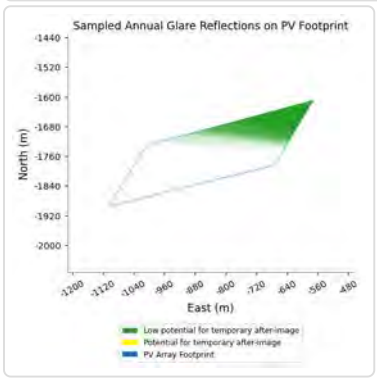
PV array is expected to produce the following glare for this receptor:

- 798 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





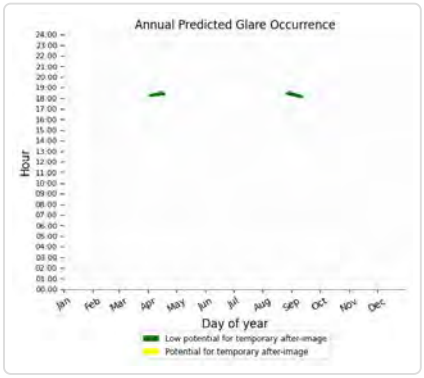


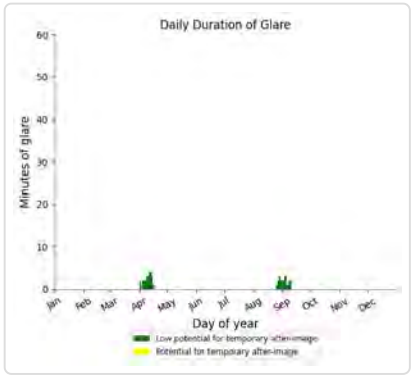


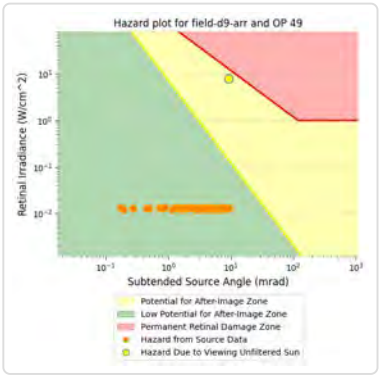
Field D9 Array: OP 49

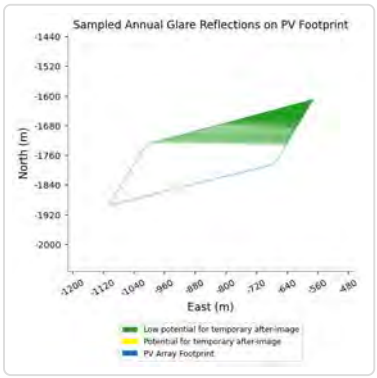
PV array is expected to produce the following glare for this receptor:

- 69 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 50

No glare found

Field D9 Array: OP 51

No glare found

Field D9 Array: OP 52

No glare found

Field D9 Array: OP 53

No glare found

Field D9 Array: OP 54

No glare found

Field D9 Array: OP 55

No glare found

Field D9 Array: OP 56

No glare found

Field D9 Array: OP 57

No glare found

Field D9 Array: OP 58

No glare found

Field D9 Array: OP 59

No glare found

Field D9 Array: OP 60

No glare found

Field D9 Array: OP 61

No glare found

Field D9 Array: OP 62

No glare found

Field D9 Array: OP 63

No glare found

Field D9 Array: OP 64

No glare found

Field D9 Array: OP 65

No glare found

Field D9 Array: OP 66

No glare found

Field D9 Array: OP 67

No glare found

Field D9 Array: OP 68

No glare found

Field D9 Array: OP 69

No glare found

Field D9 Array: OP 70

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.

- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Annex H: Road Receptor Glare Results East Group A 25 Degrees

Meridian Solar Farm East

Meridian East Road Group A 25 Degrees

Created Jun 27, 2025
Updated Aug 22, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 153265.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	25.0	180.0	4,115	7,466	-
Field D1A-B Array	25.0	180.0	12,329	17,900	-
Field D1C Array	25.0	180.0	3,389	7,870	-
Field D2 Array	25.0	180.0	12,692	22,840	-
Field D3 Array	25.0	180.0	25,265	42,326	-
Field D5 Array	25.0	180.0	21,052	11,528	-
Field D6 Array	25.0	180.0	11,244	15,361	-
Field D7 Array	25.0	180.0	3,561	2,890	-
Field D8 Array	25.0	180.0	12,137	7,675	-
Field D9 Array	25.0	180.0	1,739	2,933	-

Component Data

PV Array(s)

Total PV footprint area: 2,349,416 m^2

Name: Field D10 Array
Footprint area: 136,922 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726260	0.005110	1.64	4.30	5.94
2	52.726280	0.006190	1.44	4.30	5.74
3	52.727290	0.012200	0.92	4.30	5.22
4	52.729990	0.014980	1.57	4.30	5.87
5	52.729970	0.013600	1.82	4.30	6.12
6	52.729290	0.008210	1.63	4.30	5.93

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,701 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734150	0.018170	1.76	4.30	6.06
7	52.734140	0.016690	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 417,808 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721760	0.006720	2.04	4.30	6.34
5	52.721760	0.005890	1.47	4.30	5.77
6	52.722100	0.005820	1.64	4.30	5.94
7	52.722300	0.007260	2.17	4.30	6.47
8	52.723460	0.008450	2.13	4.30	6.43
9	52.723520	0.007330	1.58	4.30	5.88
10	52.723970	0.007610	1.68	4.30	5.98
11	52.724640	0.009600	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724970	0.003600	1.82	4.30	6.12
18	52.724490	0.004010	1.22	4.30	5.52
19	52.722900	0.002300	1.46	4.30	5.76
20	52.722760	0.001580	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 812,141 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708690	-0.019660	1.33	4.30	5.63
2	52.708320	-0.017290	1.31	4.30	5.61
3	52.707810	-0.017190	0.84	4.30	5.14
4	52.707810	-0.016140	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.21
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004800	1.86	4.30	6.17
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.89	4.30	6.18
17	52.720130	-0.003470	2.02	4.30	6.31
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.48	4.30	5.78
20	52.722490	0.000690	1.20	4.30	5.50
21	52.722440	-0.000180	1.29	4.30	5.59
22	52.722960	0.000420	1.30	4.30	5.60
23	52.723330	-0.001430	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 268,446 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702730	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700070	-0.021060	1.99	4.30	6.29
8	52.699610	-0.020660	2.06	4.30	6.36
9	52.698980	-0.020530	2.35	4.30	6.64
10	52.698900	-0.022040	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,077 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700890	-0.022750	2.61	4.30	6.91
2	52.702250	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698740	-0.024700	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,242 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702110	-0.017910	2.45	4.30	6.75
2	52.702800	-0.018300	1.02	4.30	5.32
3	52.703320	-0.017780	0.77	4.30	5.07
4	52.703210	-0.017260	0.95	4.30	5.25
5	52.703300	-0.016590	1.08	4.30	5.38
6	52.704210	-0.010990	2.29	4.30	6.58
7	52.702970	-0.012210	2.23	4.30	6.54

Name: Field D8 Array
Footprint area: 93,322 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

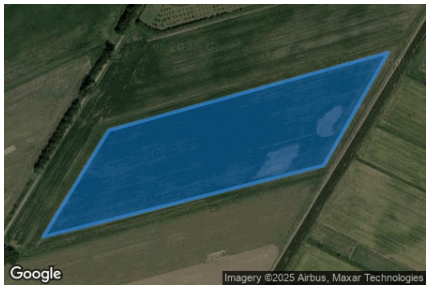
Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703150	-0.024330	1.81	4.30	6.11
2	52.703160	-0.023580	1.61	4.30	5.91
3	52.705330	-0.016540	2.05	4.30	6.35
4	52.707010	-0.014740	1.57	4.30	5.87
5	52.706940	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60

Name: Field D9 Array
Footprint area: 61,899 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709230	-0.011260	1.62	4.30	5.92
2	52.710710	-0.009760	1.07	4.30	5.38
3	52.711790	-0.003360	1.62	4.30	5.92
4	52.710220	-0.004840	1.86	4.30	6.16

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	52.696901	-0.043106	2.70	1.50	4.20
OP 2	52.698585	-0.041851	1.19	1.50	2.69
OP 3	52.700230	-0.040639	2.20	1.50	3.70
OP 4	52.701888	-0.039405	1.49	1.50	2.99
OP 5	52.702720	-0.040285	2.10	1.50	3.60
OP 6	52.701823	-0.036283	1.69	1.50	3.19
OP 7	52.701901	-0.033386	2.45	1.50	3.95
OP 8	52.692798	-0.038775	4.99	1.50	6.49
OP 9	52.694343	-0.037380	3.94	1.50	5.44
OP 10	52.695970	-0.035969	3.21	1.50	4.71
OP 11	52.697570	-0.034612	2.21	1.50	3.71
OP 12	52.699218	-0.033201	2.31	1.50	3.81
OP 13	52.700726	-0.031731	3.04	1.50	4.54
OP 14	52.702352	-0.030519	2.81	1.50	4.31
OP 15	52.703931	-0.029156	1.86	1.50	3.36
OP 16	52.705524	-0.027772	1.83	1.50	3.33
OP 17	52.707045	-0.026463	2.79	1.50	4.29
OP 18	52.708755	-0.024983	1.75	1.50	3.25
OP 19	52.710386	-0.023577	2.52	1.50	4.02
OP 20	52.711927	-0.022236	2.09	1.50	3.59
OP 21	52.713506	-0.020852	1.60	1.50	3.10
OP 22	52.715105	-0.019457	2.73	1.50	4.23
OP 23	52.716658	-0.018127	2.50	1.50	4.00
OP 24	52.718251	-0.016754	2.49	1.50	3.99
OP 25	52.719901	-0.015316	3.75	1.50	5.25
OP 26	52.721532	-0.013932	2.45	1.50	3.95
OP 27	52.723047	-0.012634	4.28	1.50	5.78
OP 28	52.724801	-0.011668	2.43	1.50	3.93
OP 29	52.726510	-0.011722	3.35	1.50	4.85
OP 30	52.728375	-0.011786	1.99	1.50	3.49
OP 31	52.730116	-0.011818	1.55	1.50	3.05
OP 32	52.731890	-0.011872	1.54	1.50	3.04
OP 33	52.733676	-0.011926	2.77	1.50	4.27
OP 34	52.735424	-0.011947	2.22	1.50	3.72
OP 35	52.737223	-0.012001	1.20	1.50	2.70
OP 36	52.692708	-0.036737	4.31	1.50	5.81
OP 37	52.691745	-0.034827	2.65	1.50	4.15
OP 38	52.690048	-0.033743	3.18	1.50	4.68
OP 39	52.689931	-0.030149	4.32	1.50	5.82
OP 40	52.691531	-0.028797	3.59	1.50	5.09
OP 41	52.693130	-0.027392	4.02	1.50	5.52
OP 42	52.694707	-0.026014	1.70	1.50	3.20
OP 43	52.696339	-0.024614	0.59	1.50	2.09
OP 44	52.697912	-0.023262	1.56	1.50	3.06
OP 45	52.699453	-0.021910	2.20	1.50	3.70
OP 46	52.701091	-0.020354	2.52	1.50	4.02
OP 47	52.702554	-0.018874	2.65	1.50	4.15
OP 48	52.704134	-0.017275	1.99	1.50	3.49
OP 49	52.705824	-0.015612	1.94	1.50	3.44
OP 50	52.707462	-0.013960	1.51	1.50	3.01
OP 51	52.708723	-0.012715	1.54	1.50	3.04
OP 52	52.710251	-0.011160	3.25	1.50	4.75
OP 53	52.711752	-0.009690	2.61	1.50	4.11
OP 54	52.713254	-0.008220	3.25	1.50	4.75
OP 55	52.714846	-0.006664	2.20	1.50	3.70
OP 56	52.716594	-0.004905	2.69	1.50	4.19
OP 57	52.717946	-0.003478	2.38	1.50	3.88
OP 58	52.719486	-0.001987	1.73	1.50	3.23
OP 59	52.721085	-0.000409	1.82	1.50	3.32
OP 60	52.722599	0.001082	1.42	1.50	2.92
OP 61	52.724224	0.002659	1.58	1.50	3.08
OP 62	52.725608	0.004011	1.72	1.50	3.22
OP 63	52.727362	0.005824	1.55	1.50	3.05

OP 64	52.728746	0.007187	1.86	1.50	3.36
OP 65	52.729864	0.009365	1.83	1.50	3.33
OP 66	52.730175	0.012315	2.15	1.50	3.65
OP 67	52.731247	0.013935	1.82	1.50	3.32
OP 68	52.732924	0.014300	1.36	1.50	2.86
OP 69	52.734749	0.014107	1.65	1.50	3.15

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	25.0	180.0	4,115	7,466	-	-
Field D1A-B Array	25.0	180.0	12,329	17,900	-	-
Field D1C Array	25.0	180.0	3,389	7,870	-	-
Field D2 Array	25.0	180.0	12,692	22,840	-	-
Field D3 Array	25.0	180.0	25,265	42,326	-	-
Field D5 Array	25.0	180.0	21,052	11,528	-	-
Field D6 Array	25.0	180.0	11,244	15,361	-	-
Field D7 Array	25.0	180.0	3,561	2,890	-	-
Field D8 Array	25.0	180.0	12,137	7,675	-	-
Field D9 Array	25.0	180.0	1,739	2,933	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d10-ar (green)	0	0	15	101	221	189	225	144	46	0	0	0
field-d10-ar (yellow)	0	0	1	362	740	747	762	576	52	0	0	0
field-d1a-b (green)	0	0	27	314	332	510	421	326	117	0	0	0
field-d1a-b (yellow)	0	0	0	469	1115	1146	1028	868	84	0	0	0
field-d1c-ar (green)	0	0	37	96	163	273	212	99	78	0	0	0
field-d1c-ar (yellow)	0	0	0	354	868	983	956	592	46	0	0	0
field-d2-arr (green)	0	0	16	120	318	363	358	198	42	0	0	0
field-d2-arr (yellow)	0	0	0	351	395	682	360	512	65	0	0	0
field-d3-arr (green)	0	0	30	331	330	510	388	340	150	0	0	0
field-d3-arr (yellow)	0	0	0	431	1032	1083	1117	745	26	0	0	0
field-d5-arr (green)	0	0	171	546	657	582	644	609	350	0	0	0
field-d5-arr (yellow)	0	0	0	244	411	207	356	368	31	0	0	0
field-d6-arr (green)	0	0	26	397	359	354	370	413	140	0	0	0
field-d6-arr (yellow)	0	0	0	334	1067	1240	1198	659	8	0	0	0
field-d7-arr (green)	0	0	143	357	152	120	137	244	312	0	0	0
field-d7-arr (yellow)	0	0	0	322	588	600	611	480	49	0	0	0
field-d8-arr (green)	0	0	26	375	446	601	574	376	134	0	0	0
field-d8-arr (yellow)	0	0	0	413	964	1075	994	722	63	0	0	0
field-d9-arr (green)	0	0	10	171	79	65	72	154	61	0	0	0
field-d9-arr (yellow)	0	0	0	212	423	357	418	330	38	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0

OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	1251	33
OP: OP 29	354	0
OP: OP 30	86	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0

OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	528	807
OP: OP 63	908	3372
OP: OP 64	939	3254
OP: OP 65	49	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

Field D10 Array: OP 1

No glare found

Field D10 Array: OP 2

No glare found

Field D10 Array: OP 3

No glare found

Field D10 Array: OP 4

No glare found

Field D10 Array: OP 5

No glare found

Field D10 Array: OP 6

No glare found

Field D10 Array: OP 7

No glare found

Field D10 Array: OP 8

No glare found

Field D10 Array: OP 9

No glare found

Field D10 Array: OP 10

No glare found

Field D10 Array: OP 11

No glare found

Field D10 Array: OP 12

No glare found

Field D10 Array: OP 13

No glare found

Field D10 Array: OP 14

No glare found

Field D10 Array: OP 15

No glare found

Field D10 Array: OP 16

No glare found

Field D10 Array: OP 17

No glare found

Field D10 Array: OP 18

No glare found

Field D10 Array: OP 19

No glare found

Field D10 Array: OP 20

No glare found

Field D10 Array: OP 21

No glare found

Field D10 Array: OP 22

No glare found

Field D10 Array: OP 23

No glare found

Field D10 Array: OP 24

No glare found

Field D10 Array: OP 25

No glare found

Field D10 Array: OP 26

No glare found

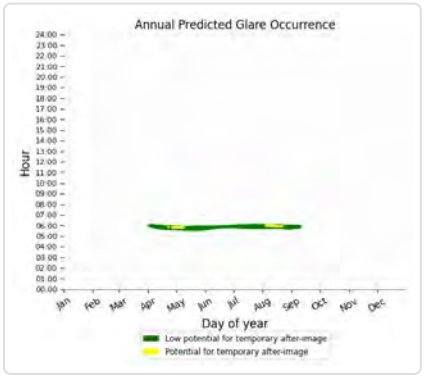
Field D10 Array: OP 27

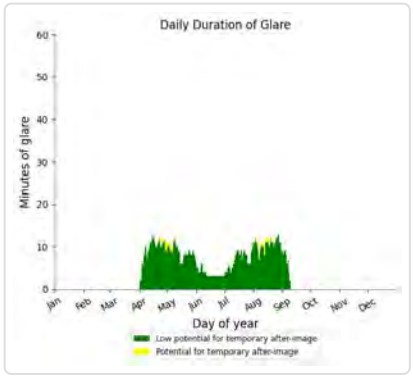
No glare found

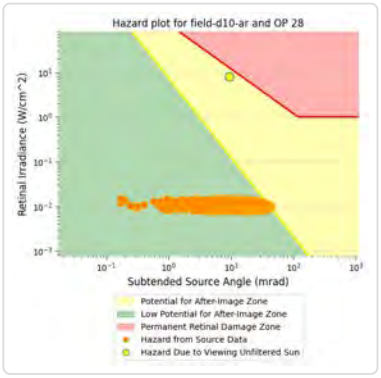
Field D10 Array: OP 28

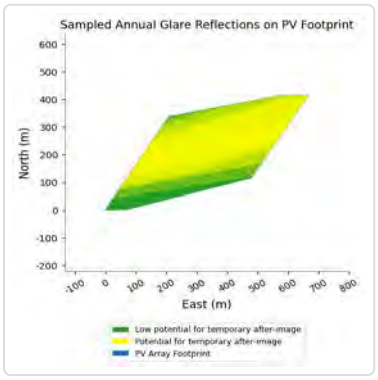
PV array is expected to produce the following glare for this receptor:

- 1,251 minutes of "green" glare with low potential to cause temporary after-image.
- 33 minutes of "yellow" glare with potential to cause temporary after-image.





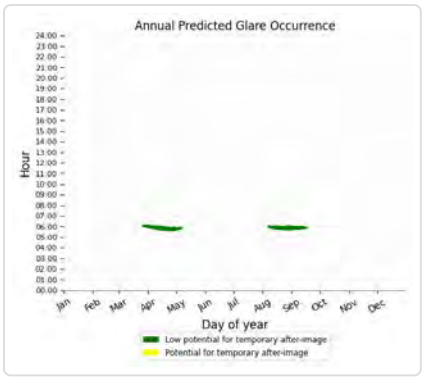


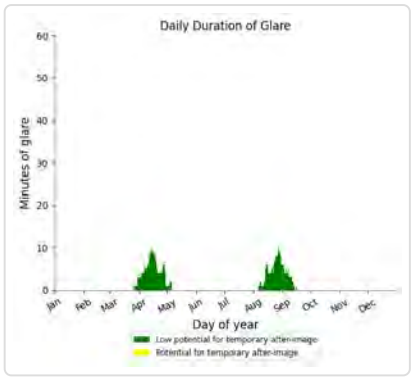


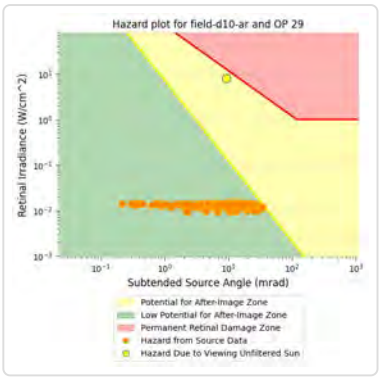
Field D10 Array: OP 29

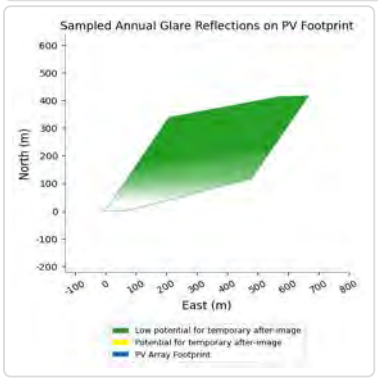
PV array is expected to produce the following glare for this receptor:

- 354 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





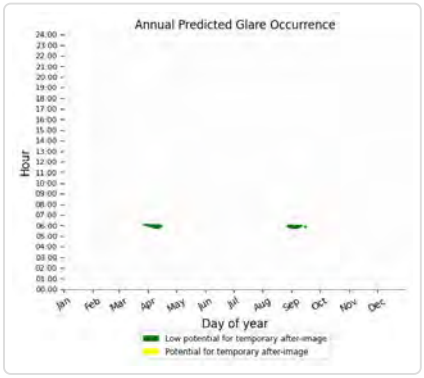


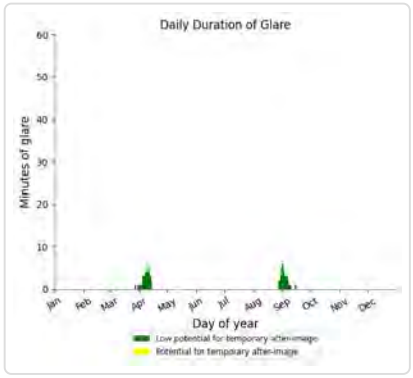


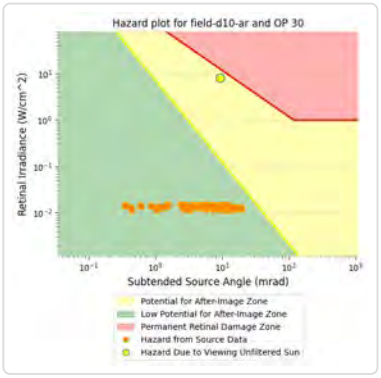
Field D10 Array: OP 30

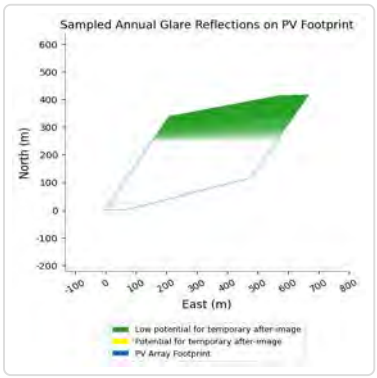
PV array is expected to produce the following glare for this receptor:

- 86 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 31

No glare found

Field D10 Array: OP 32

No glare found

Field D10 Array: OP 33

No glare found

Field D10 Array: OP 34

No glare found

Field D10 Array: OP 35

No glare found

Field D10 Array: OP 36

No glare found

Field D10 Array: OP 37

No glare found

Field D10 Array: OP 38

No glare found

Field D10 Array: OP 39

No glare found

Field D10 Array: OP 40

No glare found

Field D10 Array: OP 41

No glare found

Field D10 Array: OP 42

No glare found

Field D10 Array: OP 43

No glare found

Field D10 Array: OP 44

No glare found

Field D10 Array: OP 45

No glare found

Field D10 Array: OP 46

No glare found

Field D10 Array: OP 47

No glare found

Field D10 Array: OP 48

No glare found

Field D10 Array: OP 49

No glare found

Field D10 Array: OP 50

No glare found

Field D10 Array: OP 51

No glare found

Field D10 Array: OP 52

No glare found

Field D10 Array: OP 53

No glare found

Field D10 Array: OP 54

No glare found

Field D10 Array: OP 55

No glare found

Field D10 Array: OP 56

No glare found

Field D10 Array: OP 57

No glare found

Field D10 Array: OP 58

No glare found

Field D10 Array: OP 59

No glare found

Field D10 Array: OP 60

No glare found

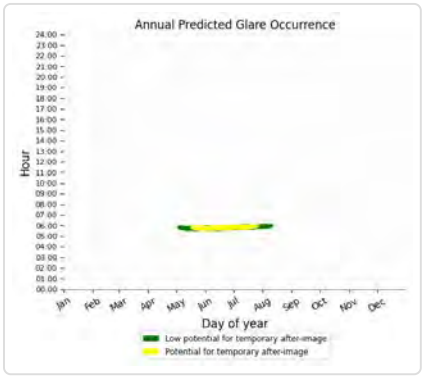
Field D10 Array: OP 61

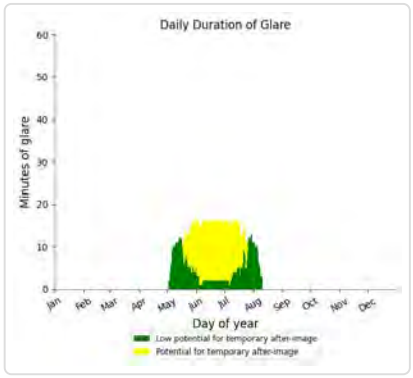
No glare found

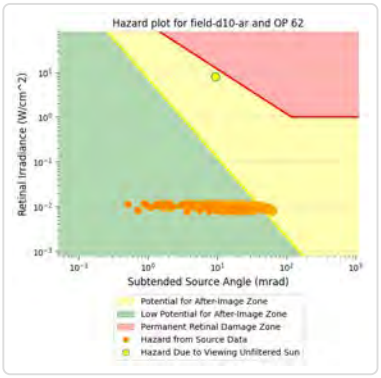
Field D10 Array: OP 62

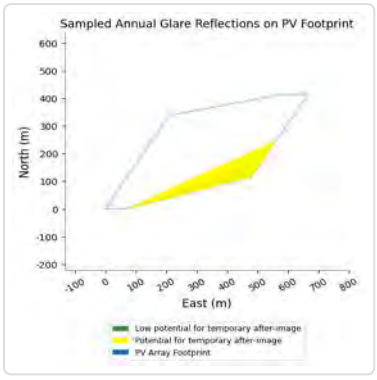
PV array is expected to produce the following glare for this receptor:

- 528 minutes of "green" glare with low potential to cause temporary after-image.
- 807 minutes of "yellow" glare with potential to cause temporary after-image.





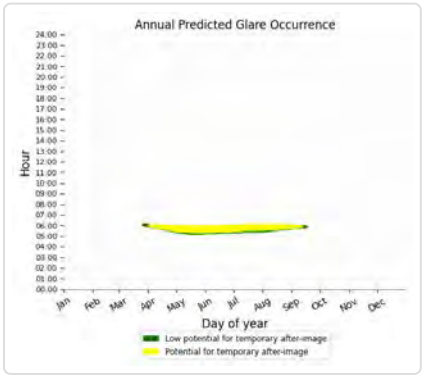


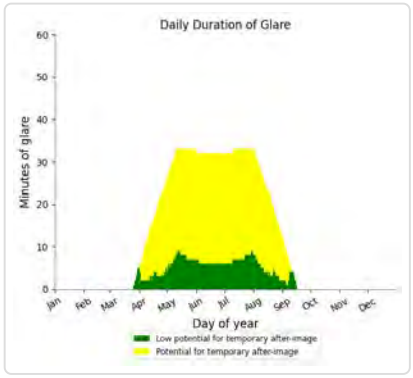


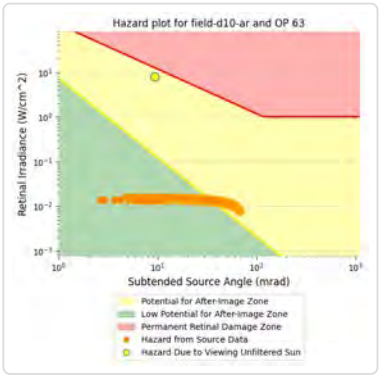
Field D10 Array: OP 63

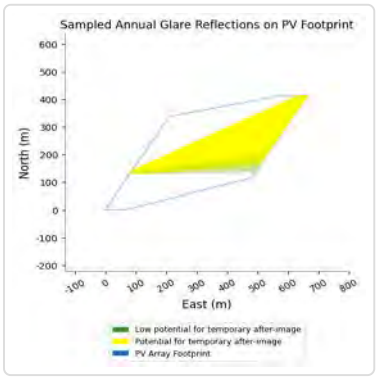
PV array is expected to produce the following glare for this receptor:

- 908 minutes of "green" glare with low potential to cause temporary after-image.
- 3,372 minutes of "yellow" glare with potential to cause temporary after-image.





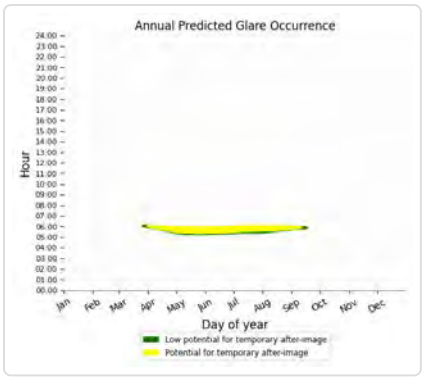


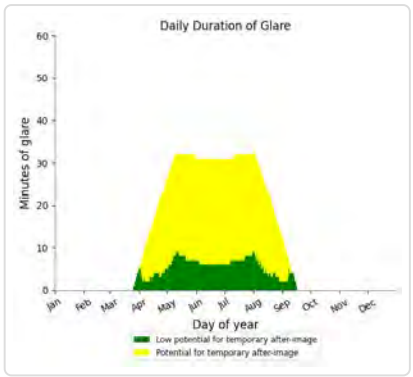


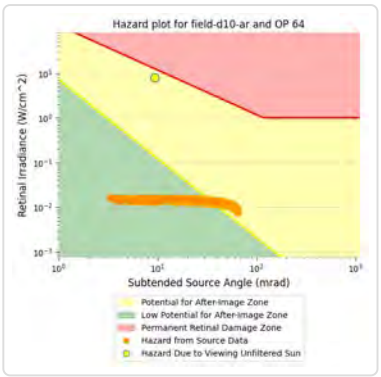
Field D10 Array: OP 64

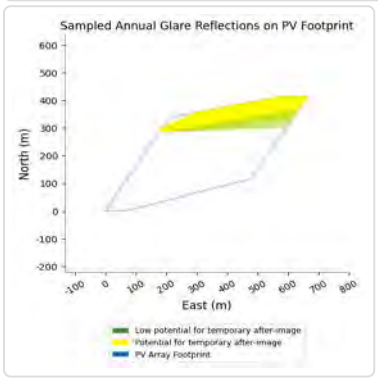
PV array is expected to produce the following glare for this receptor:

- 939 minutes of "green" glare with low potential to cause temporary after-image.
- 3,254 minutes of "yellow" glare with potential to cause temporary after-image.





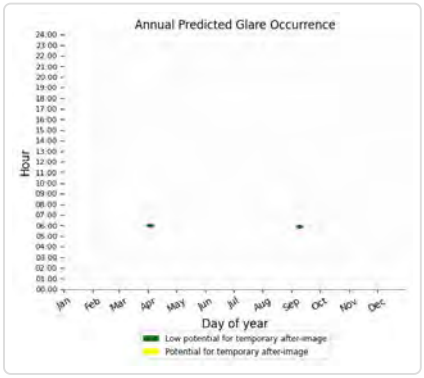


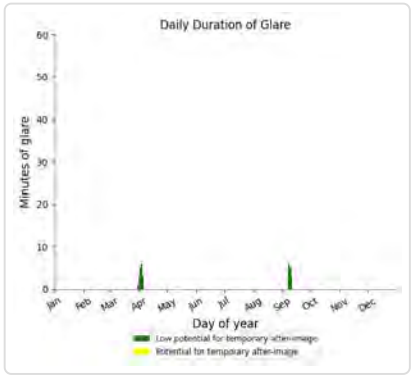


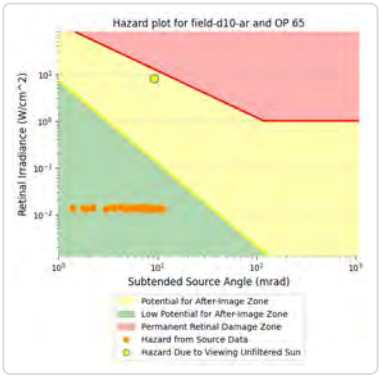
Field D10 Array: OP 65

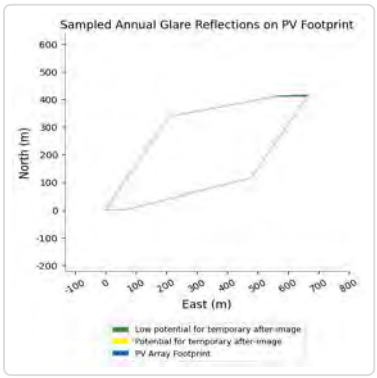
PV array is expected to produce the following glare for this receptor:

- 49 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 66

No glare found

Field D10 Array: OP 67

No glare found

Field D10 Array: OP 68

No glare found

Field D10 Array: OP 69

No glare found

Field D1A-B Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0

OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	138	0
OP: OP 28	670	101
OP: OP 29	888	502
OP: OP 30	1292	502
OP: OP 31	221	8
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	1243	0
OP: OP 63	1005	1276
OP: OP 64	1366	2058
OP: OP 65	1943	5983
OP: OP 66	2556	3511

OP: OP 67	1007	3959
OP: OP 68	0	0
OP: OP 69	0	0

Field D1A-B Array: OP 1

No glare found

Field D1A-B Array: OP 2

No glare found

Field D1A-B Array: OP 3

No glare found

Field D1A-B Array: OP 4

No glare found

Field D1A-B Array: OP 5

No glare found

Field D1A-B Array: OP 6

No glare found

Field D1A-B Array: OP 7

No glare found

Field D1A-B Array: OP 8

No glare found

Field D1A-B Array: OP 9

No glare found

Field D1A-B Array: OP 10

No glare found

Field D1A-B Array: OP 11

No glare found

Field D1A-B Array: OP 12

No glare found

Field D1A-B Array: OP 13

No glare found

Field D1A-B Array: OP 14

No glare found

Field D1A-B Array: OP 15

No glare found

Field D1A-B Array: OP 16

No glare found

Field D1A-B Array: OP 17

No glare found

Field D1A-B Array: OP 18

No glare found

Field D1A-B Array: OP 19

No glare found

Field D1A-B Array: OP 20

No glare found

Field D1A-B Array: OP 21

No glare found

Field D1A-B Array: OP 22

No glare found

Field D1A-B Array: OP 23

No glare found

Field D1A-B Array: OP 24

No glare found

Field D1A-B Array: OP 25

No glare found

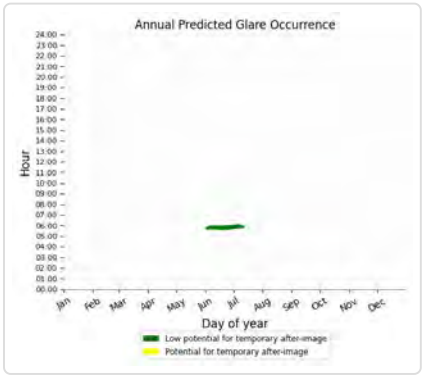
Field D1A-B Array: OP 26

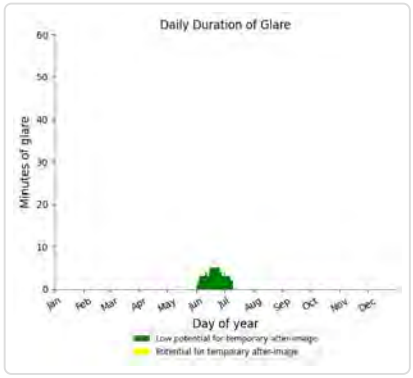
No glare found

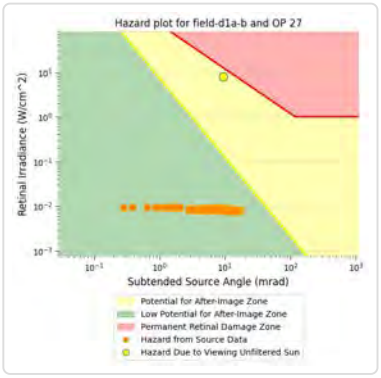
Field D1A-B Array: OP 27

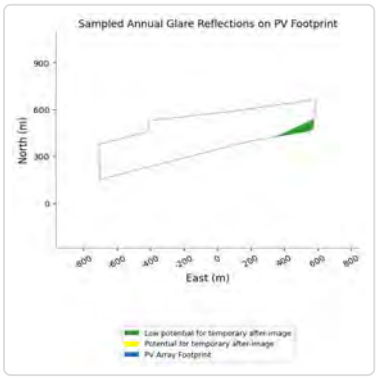
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





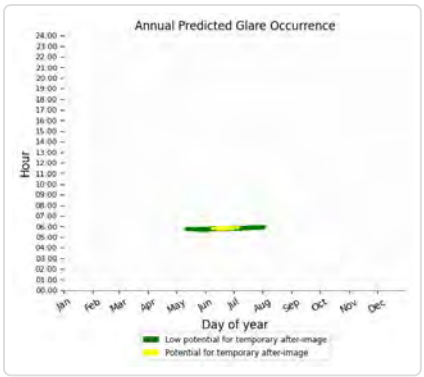


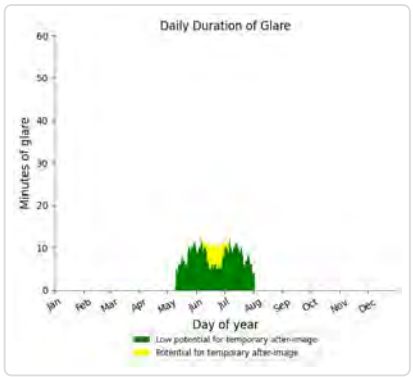


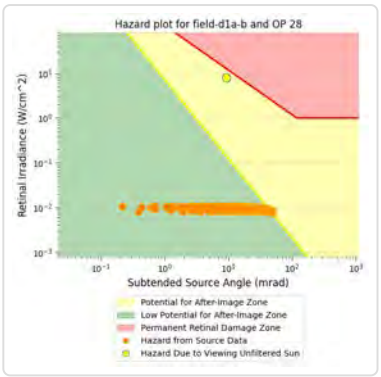
Field D1A-B Array: OP 28

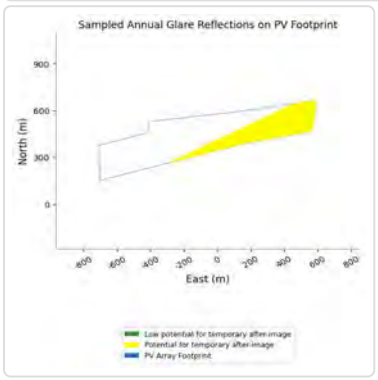
PV array is expected to produce the following glare for this receptor:

- 670 minutes of "green" glare with low potential to cause temporary after-image.
- 101 minutes of "yellow" glare with potential to cause temporary after-image.





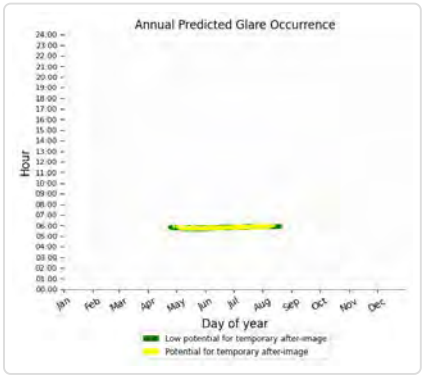


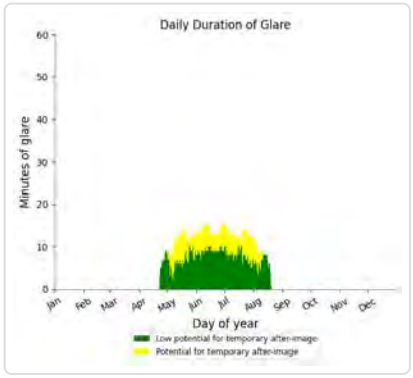


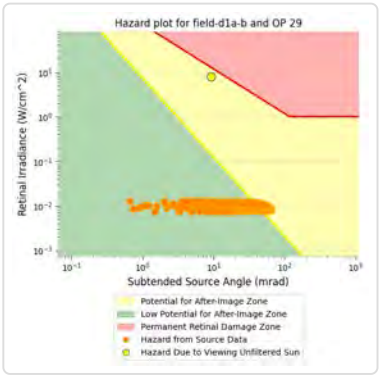
Field D1A-B Array: OP 29

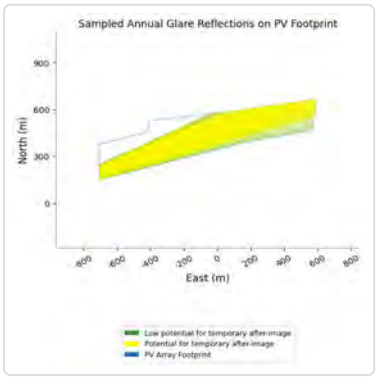
PV array is expected to produce the following glare for this receptor:

- 888 minutes of "green" glare with low potential to cause temporary after-image.
- 502 minutes of "yellow" glare with potential to cause temporary after-image.





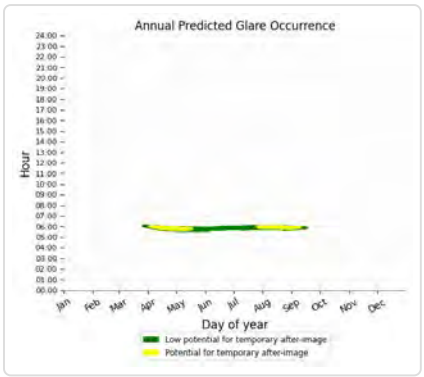


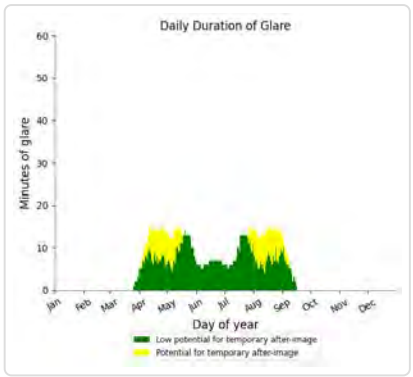


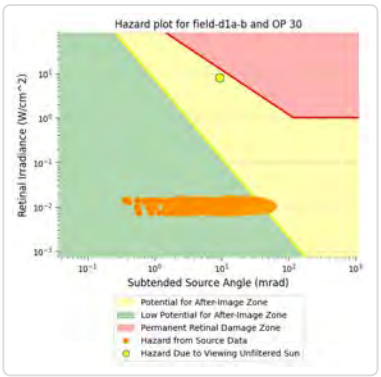
Field D1A-B Array: OP 30

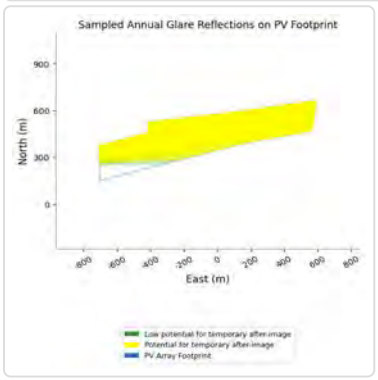
PV array is expected to produce the following glare for this receptor:

- 1,292 minutes of "green" glare with low potential to cause temporary after-image.
- 502 minutes of "yellow" glare with potential to cause temporary after-image.





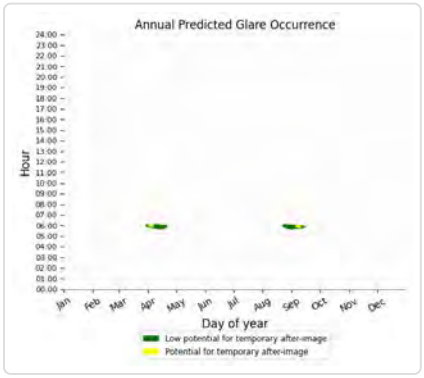


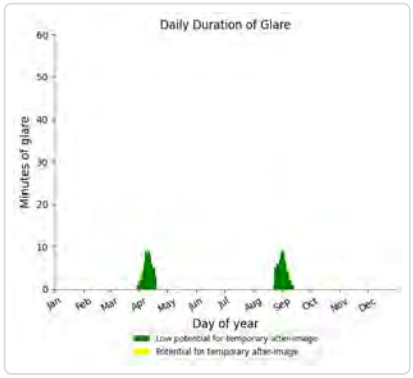


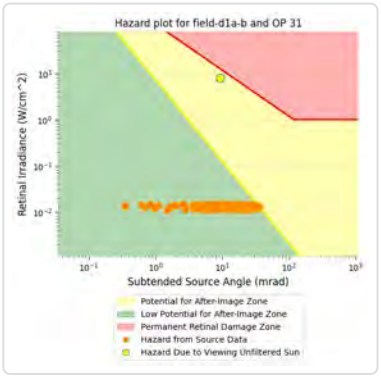
Field D1A-B Array: OP 31

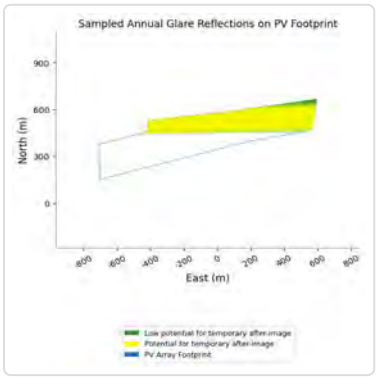
PV array is expected to produce the following glare for this receptor:

- 221 minutes of "green" glare with low potential to cause temporary after-image.
- 8 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 32

No glare found

Field D1A-B Array: OP 33

No glare found

Field D1A-B Array: OP 34

No glare found

Field D1A-B Array: OP 35

No glare found

Field D1A-B Array: OP 36

No glare found

Field D1A-B Array: OP 37

No glare found

Field D1A-B Array: OP 38

No glare found

Field D1A-B Array: OP 39

No glare found

Field D1A-B Array: OP 40

No glare found

Field D1A-B Array: OP 41

No glare found

Field D1A-B Array: OP 42

No glare found

Field D1A-B Array: OP 43

No glare found

Field D1A-B Array: OP 44

No glare found

Field D1A-B Array: OP 45

No glare found

Field D1A-B Array: OP 46

No glare found

Field D1A-B Array: OP 47

No glare found

Field D1A-B Array: OP 48

No glare found

Field D1A-B Array: OP 49

No glare found

Field D1A-B Array: OP 50

No glare found

Field D1A-B Array: OP 51

No glare found

Field D1A-B Array: OP 52

No glare found

Field D1A-B Array: OP 53

No glare found

Field D1A-B Array: OP 54

No glare found

Field D1A-B Array: OP 55

No glare found

Field D1A-B Array: OP 56

No glare found

Field D1A-B Array: OP 57

No glare found

Field D1A-B Array: OP 58

No glare found

Field D1A-B Array: OP 59

No glare found

Field D1A-B Array: OP 60

No glare found

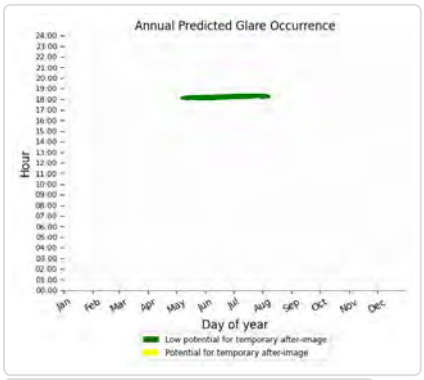
Field D1A-B Array: OP 61

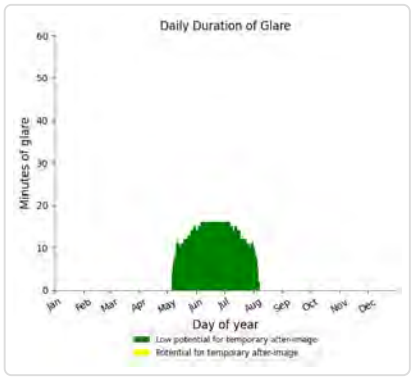
No glare found

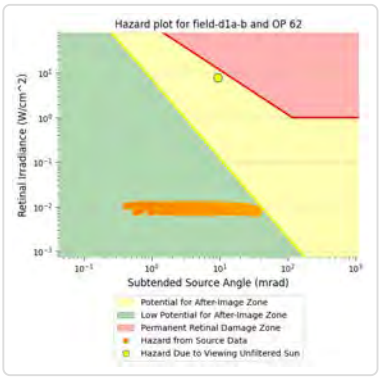
Field D1A-B Array: OP 62

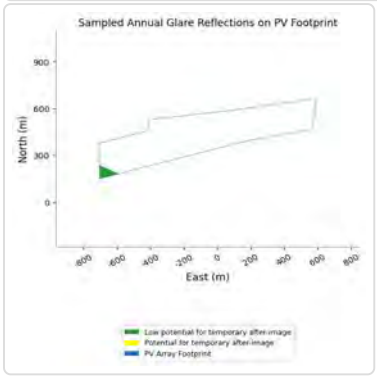
PV array is expected to produce the following glare for this receptor:

- 1,243 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





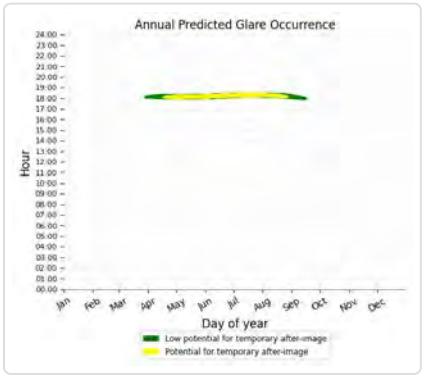


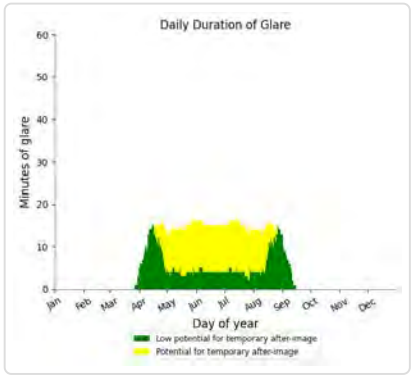


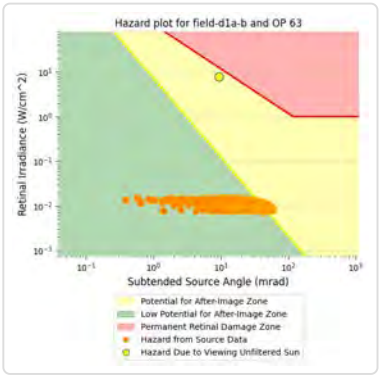
Field D1A-B Array: OP 63

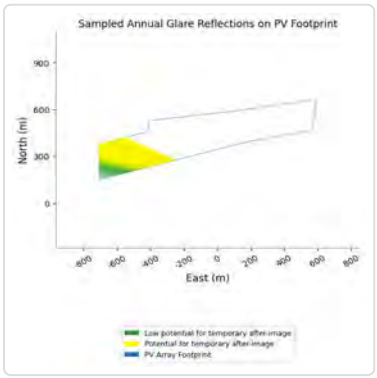
PV array is expected to produce the following glare for this receptor:

- 1,005 minutes of "green" glare with low potential to cause temporary after-image.
- 1,276 minutes of "yellow" glare with potential to cause temporary after-image.





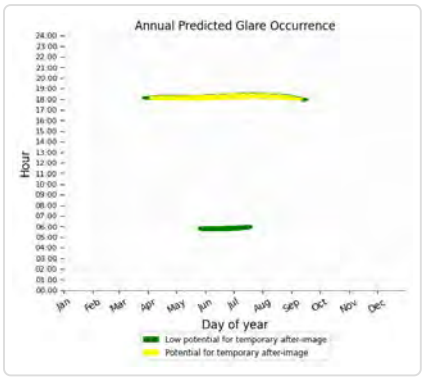


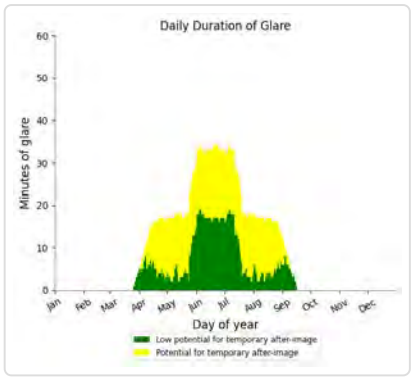


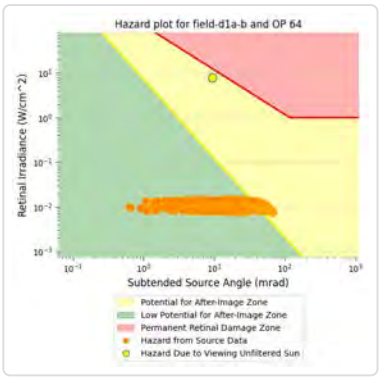
Field D1A-B Array: OP 64

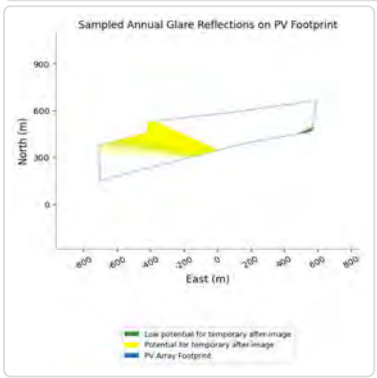
PV array is expected to produce the following glare for this receptor:

- 1,366 minutes of "green" glare with low potential to cause temporary after-image.
- 2,058 minutes of "yellow" glare with potential to cause temporary after-image.





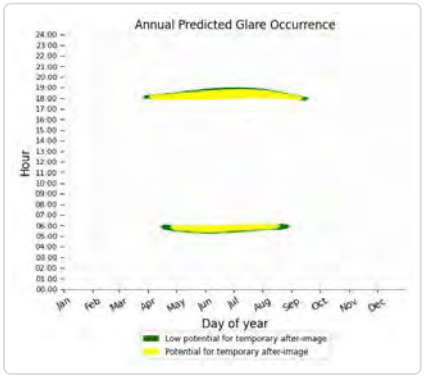


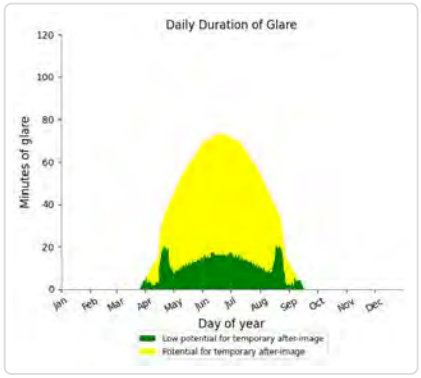


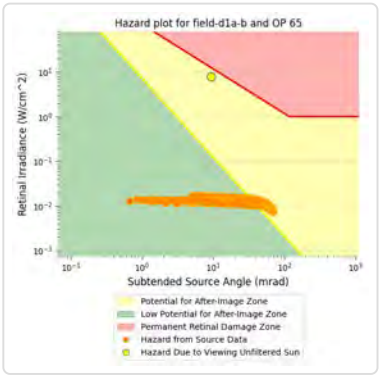
Field D1A-B Array: OP 65

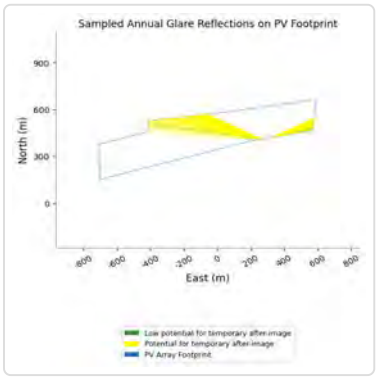
PV array is expected to produce the following glare for this receptor:

- 1,943 minutes of "green" glare with low potential to cause temporary after-image.
- 5,983 minutes of "yellow" glare with potential to cause temporary after-image.





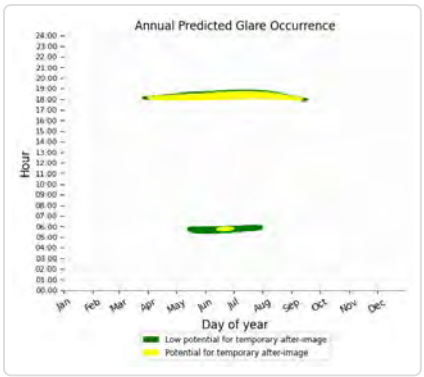


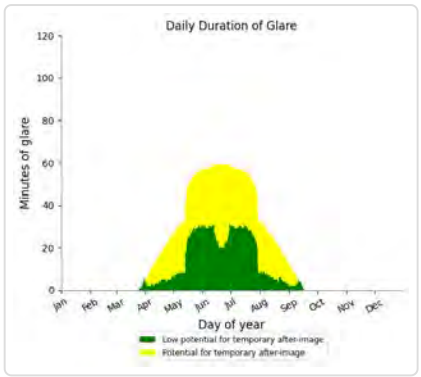


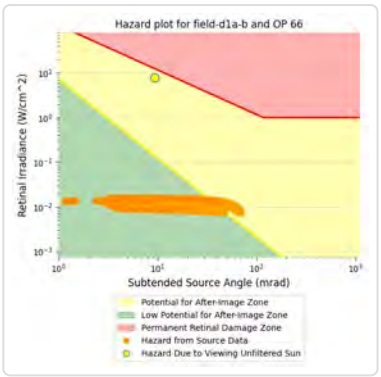
Field D1A-B Array: OP 66

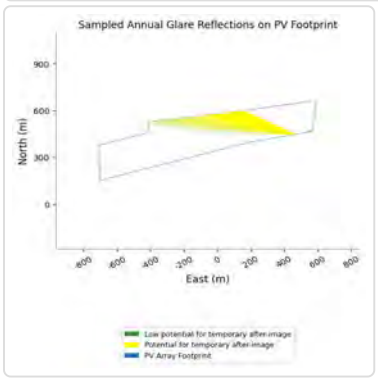
PV array is expected to produce the following glare for this receptor:

- 2,556 minutes of "green" glare with low potential to cause temporary after-image.
- 3,511 minutes of "yellow" glare with potential to cause temporary after-image.





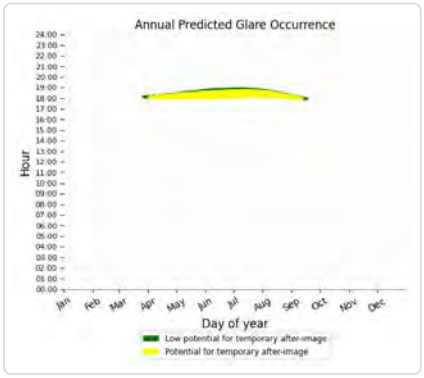


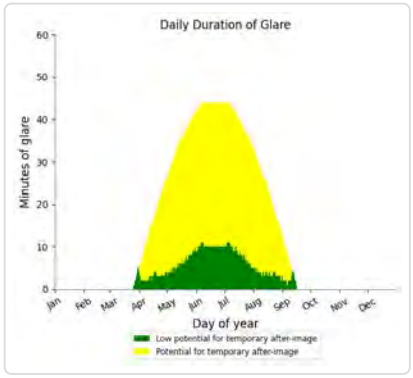


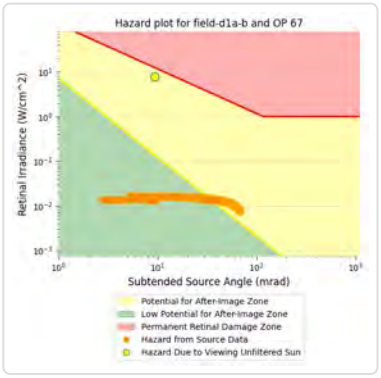
Field D1A-B Array: OP 67

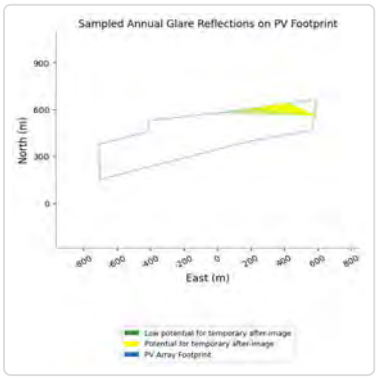
PV array is expected to produce the following glare for this receptor:

- 1,007 minutes of "green" glare with low potential to cause temporary after-image.
- 3,959 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 68

No glare found

Field D1A-B Array: OP 69

No glare found

Field D1C Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0

OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	70	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	289	0
OP: OP 65	1078	202
OP: OP 66	0	0
OP: OP 67	946	3869
OP: OP 68	1006	3799
OP: OP 69	0	0

Field D1C Array: OP 1

No glare found

Field D1C Array: OP 2

No glare found

Field D1C Array: OP 3

No glare found

Field D1C Array: OP 4

No glare found

Field D1C Array: OP 5

No glare found

Field D1C Array: OP 6

No glare found

Field D1C Array: OP 7

No glare found

Field D1C Array: OP 8

No glare found

Field D1C Array: OP 9

No glare found

Field D1C Array: OP 10

No glare found

Field D1C Array: OP 11

No glare found

Field D1C Array: OP 12

No glare found

Field D1C Array: OP 13

No glare found

Field D1C Array: OP 14

No glare found

Field D1C Array: OP 15

No glare found

Field D1C Array: OP 16

No glare found

Field D1C Array: OP 17

No glare found

Field D1C Array: OP 18

No glare found

Field D1C Array: OP 19

No glare found

Field D1C Array: OP 20

No glare found

Field D1C Array: OP 21

No glare found

Field D1C Array: OP 22

No glare found

Field D1C Array: OP 23

No glare found

Field D1C Array: OP 24

No glare found

Field D1C Array: OP 25

No glare found

Field D1C Array: OP 26

No glare found

Field D1C Array: OP 27

No glare found

Field D1C Array: OP 28

No glare found

Field D1C Array: OP 29

No glare found

Field D1C Array: OP 30

No glare found

Field D1C Array: OP 31

No glare found

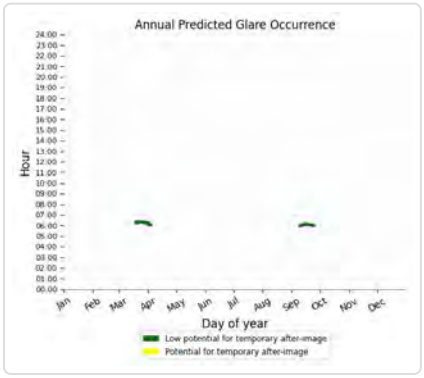
Field D1C Array: OP 32

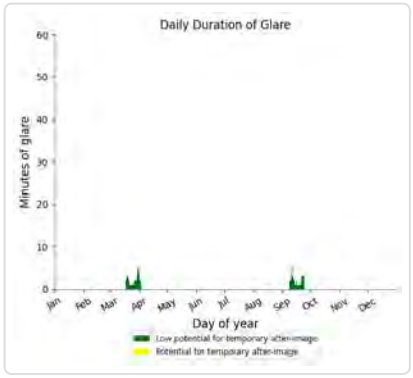
No glare found

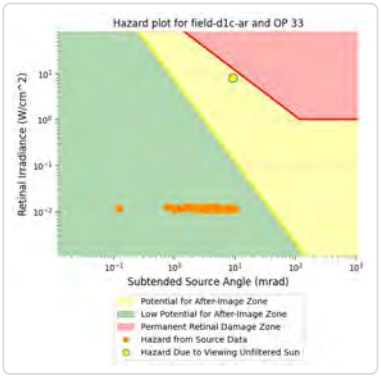
Field D1C Array: OP 33

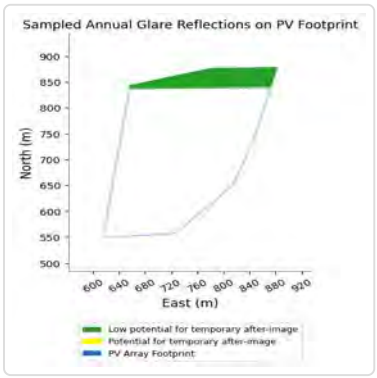
PV array is expected to produce the following glare for this receptor:

- 70 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 34

No glare found

Field D1C Array: OP 35

No glare found

Field D1C Array: OP 36

No glare found

Field D1C Array: OP 37

No glare found

Field D1C Array: OP 38

No glare found

Field D1C Array: OP 39

No glare found

Field D1C Array: OP 40

No glare found

Field D1C Array: OP 41

No glare found

Field D1C Array: OP 42

No glare found

Field D1C Array: OP 43

No glare found

Field D1C Array: OP 44

No glare found

Field D1C Array: OP 45

No glare found

Field D1C Array: OP 46

No glare found

Field D1C Array: OP 47

No glare found

Field D1C Array: OP 48

No glare found

Field D1C Array: OP 49

No glare found

Field D1C Array: OP 50

No glare found

Field D1C Array: OP 51

No glare found

Field D1C Array: OP 52

No glare found

Field D1C Array: OP 53

No glare found

Field D1C Array: OP 54

No glare found

Field D1C Array: OP 55

No glare found

Field D1C Array: OP 56

No glare found

Field D1C Array: OP 57

No glare found

Field D1C Array: OP 58

No glare found

Field D1C Array: OP 59

No glare found

Field D1C Array: OP 60

No glare found

Field D1C Array: OP 61

No glare found

Field D1C Array: OP 62

No glare found

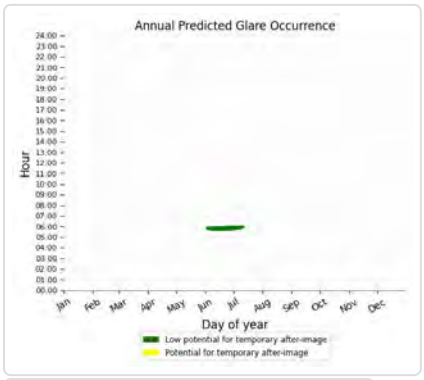
Field D1C Array: OP 63

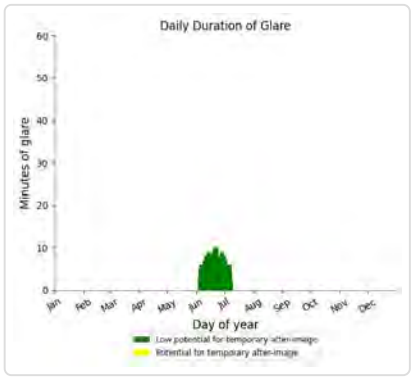
No glare found

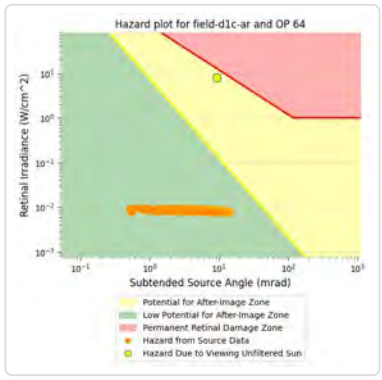
Field D1C Array: OP 64

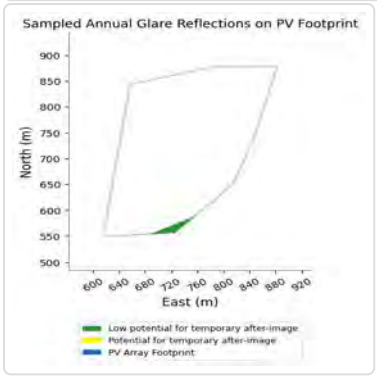
PV array is expected to produce the following glare for this receptor:

- 289 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





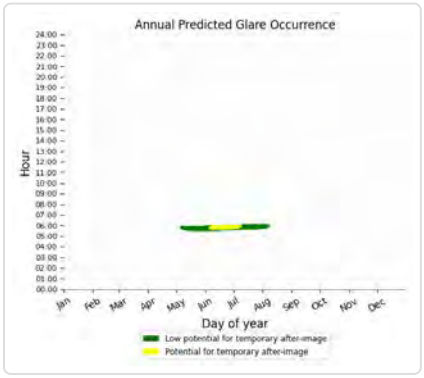


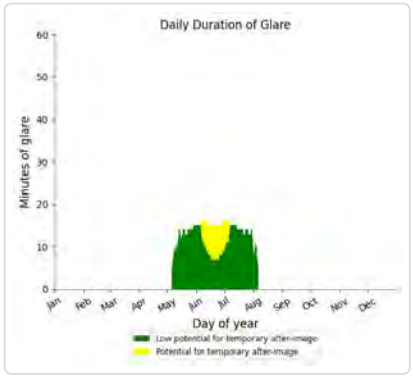


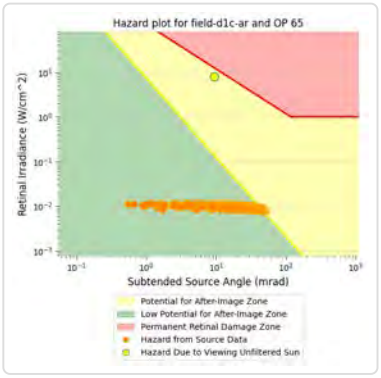
Field D1C Array: OP 65

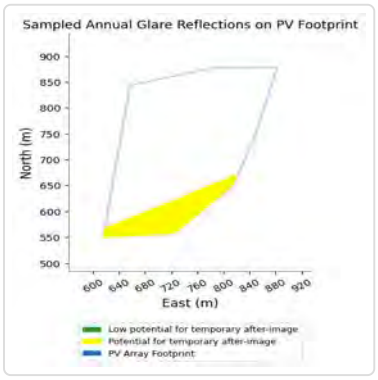
PV array is expected to produce the following glare for this receptor:

- 1,078 minutes of "green" glare with low potential to cause temporary after-image.
- 202 minutes of "yellow" glare with potential to cause temporary after-image.









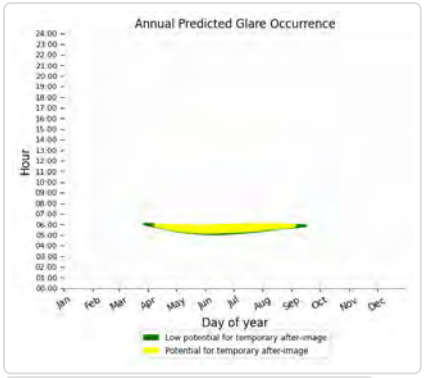
Field D1C Array: OP 66

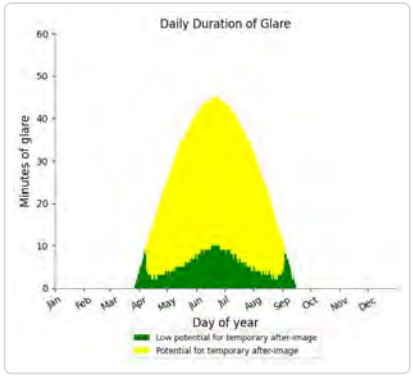
No glare found

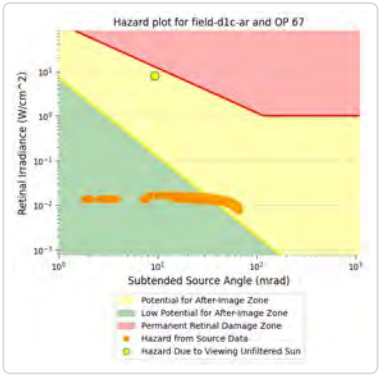
Field D1C Array: OP 67

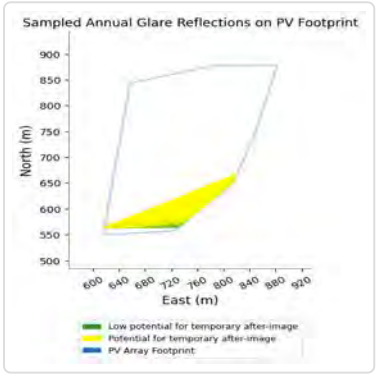
PV array is expected to produce the following glare for this receptor:

- 946 minutes of "green" glare with low potential to cause temporary after-image.
- 3,869 minutes of "yellow" glare with potential to cause temporary after-image.





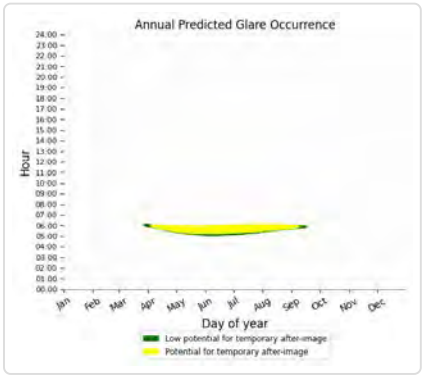


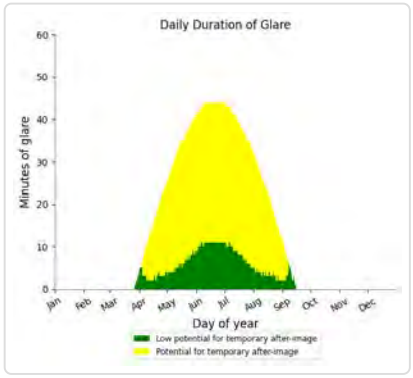


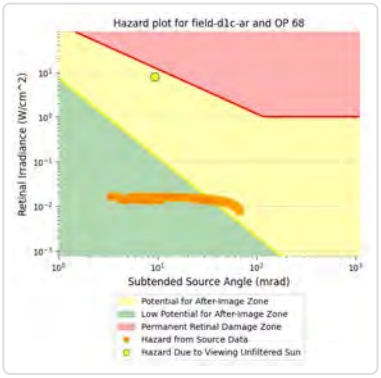
Field D1C Array: OP 68

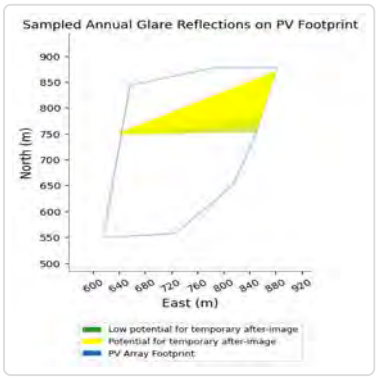
PV array is expected to produce the following glare for this receptor:

- 1,006 minutes of "green" glare with low potential to cause temporary after-image.
- 3,799 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 69

No glare found

Field D2 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	22	0
OP: OP 21	1019	169
OP: OP 22	32	0

OP: OP 23	1423	138
OP: OP 24	1452	115
OP: OP 25	15	0
OP: OP 26	1095	27
OP: OP 27	0	0
OP: OP 28	149	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	298	0
OP: OP 56	953	3335
OP: OP 57	1046	3852
OP: OP 58	1018	3867
OP: OP 59	1014	3754
OP: OP 60	1032	3771
OP: OP 61	719	2631
OP: OP 62	1405	1181
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

Field D2 Array: OP 1

No glare found

Field D2 Array: OP 2

No glare found

Field D2 Array: OP 3

No glare found

Field D2 Array: OP 4

No glare found

Field D2 Array: OP 5

No glare found

Field D2 Array: OP 6

No glare found

Field D2 Array: OP 7

No glare found

Field D2 Array: OP 8

No glare found

Field D2 Array: OP 9

No glare found

Field D2 Array: OP 10

No glare found

Field D2 Array: OP 11

No glare found

Field D2 Array: OP 12

No glare found

Field D2 Array: OP 13

No glare found

Field D2 Array: OP 14

No glare found

Field D2 Array: OP 15

No glare found

Field D2 Array: OP 16

No glare found

Field D2 Array: OP 17

No glare found

Field D2 Array: OP 18

No glare found

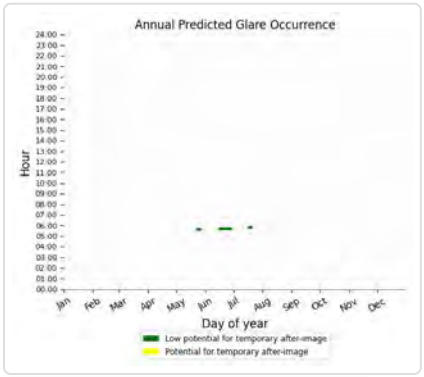
Field D2 Array: OP 19

No glare found

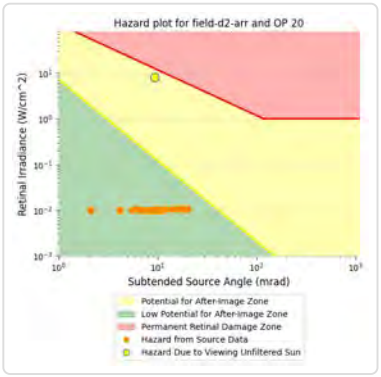
Field D2 Array: OP 20

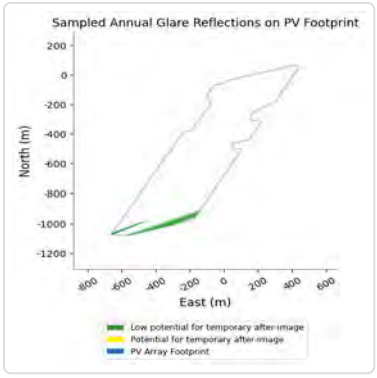
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





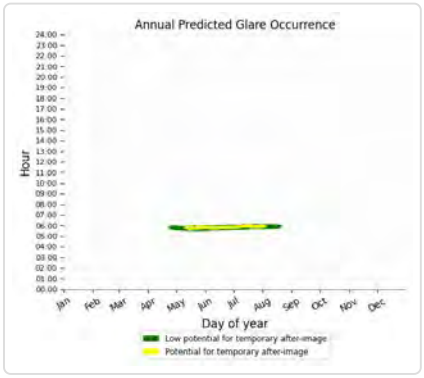


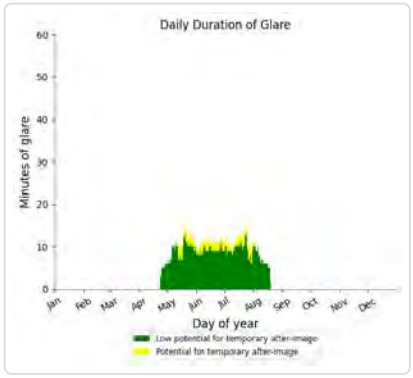


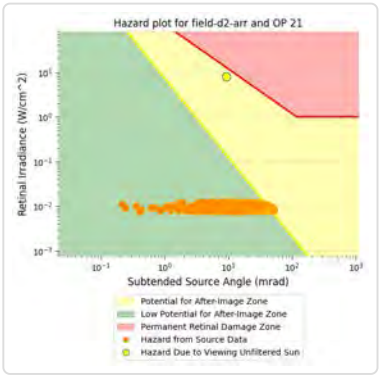
Field D2 Array: OP 21

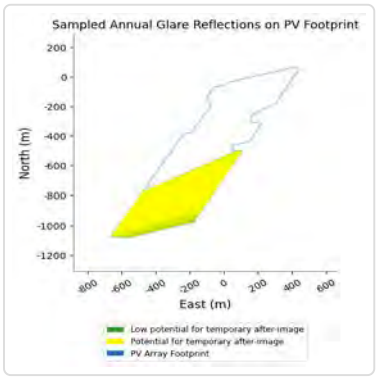
PV array is expected to produce the following glare for this receptor:

- 1,019 minutes of "green" glare with low potential to cause temporary after-image.
- 169 minutes of "yellow" glare with potential to cause temporary after-image.





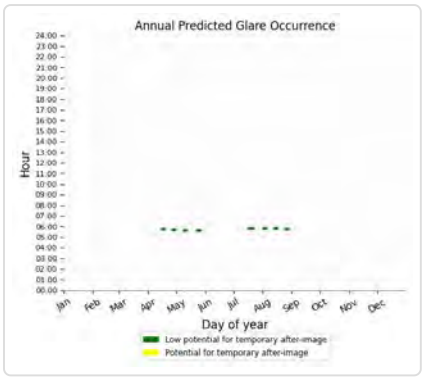




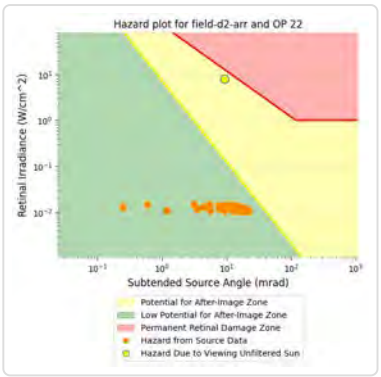
Field D2 Array: OP 22

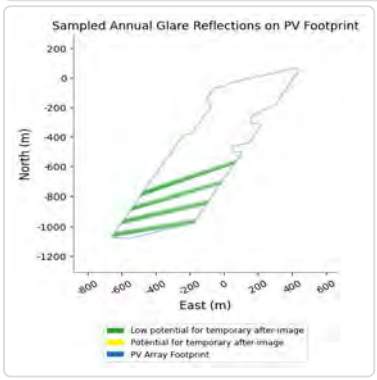
PV array is expected to produce the following glare for this receptor:

- 32 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





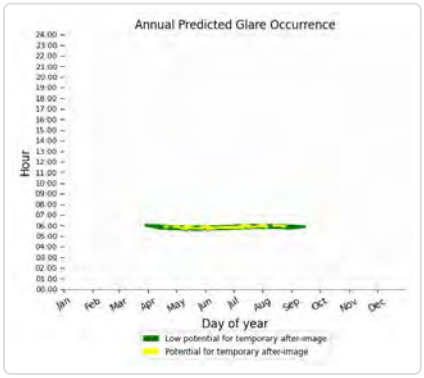


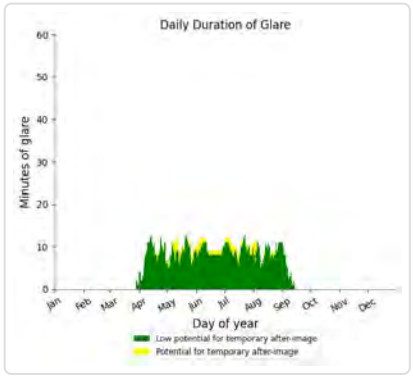


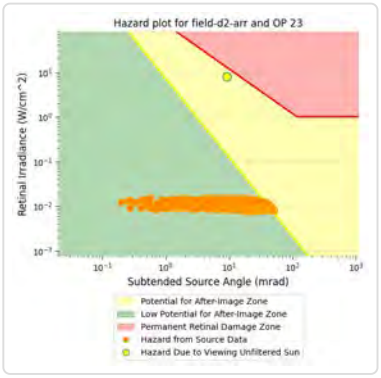
Field D2 Array: OP 23

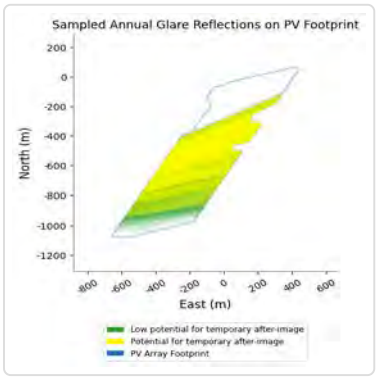
PV array is expected to produce the following glare for this receptor:

- 1,423 minutes of "green" glare with low potential to cause temporary after-image.
- 138 minutes of "yellow" glare with potential to cause temporary after-image.





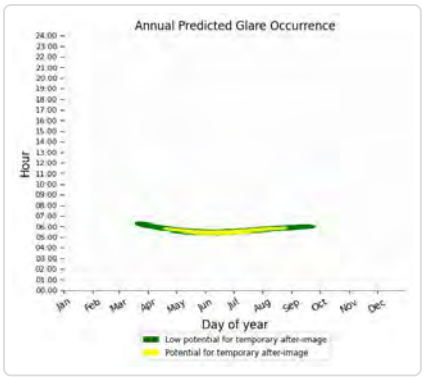


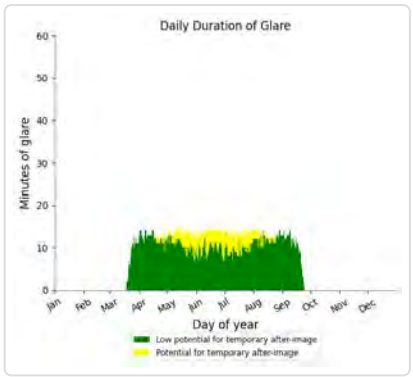


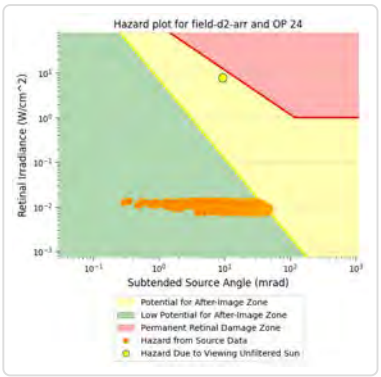
Field D2 Array: OP 24

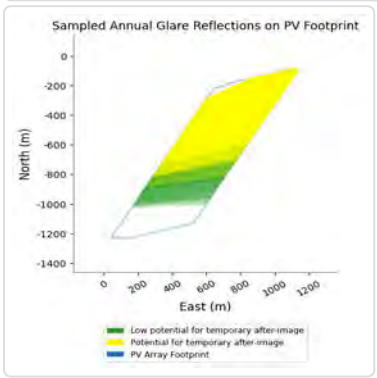
PV array is expected to produce the following glare for this receptor:

- 1,452 minutes of "green" glare with low potential to cause temporary after-image.
- 115 minutes of "yellow" glare with potential to cause temporary after-image.





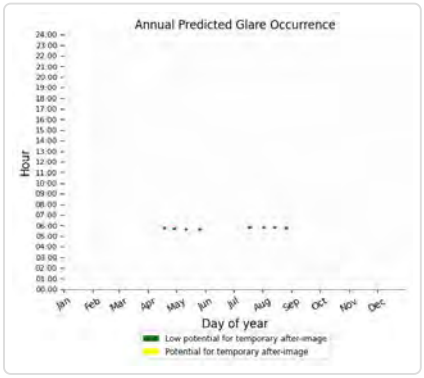


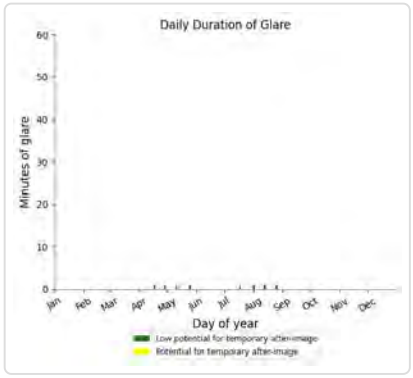


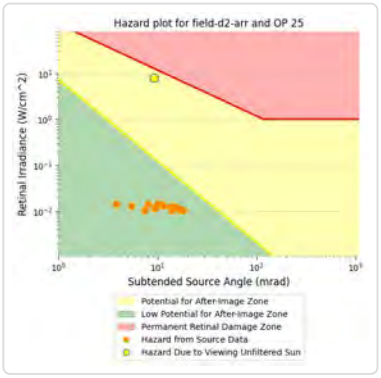
Field D2 Array: OP 25

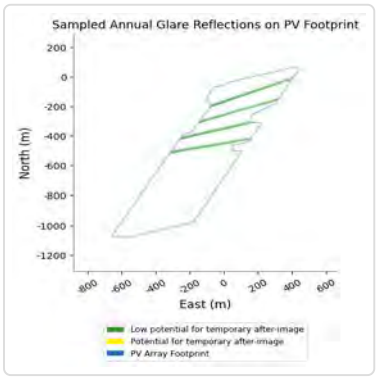
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





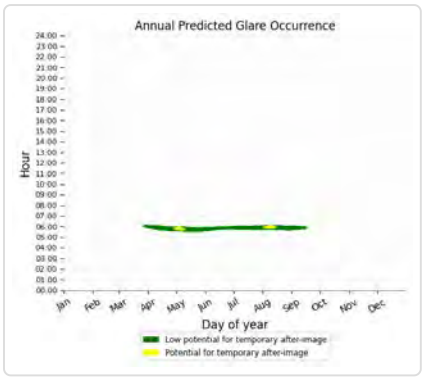


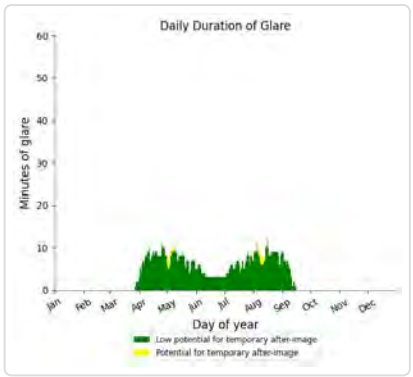


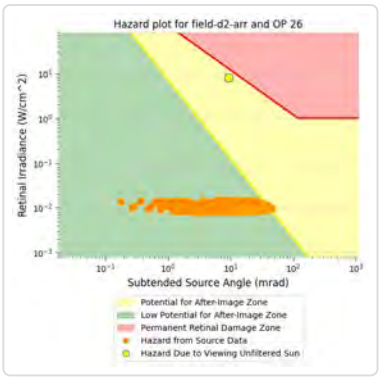
Field D2 Array: OP 26

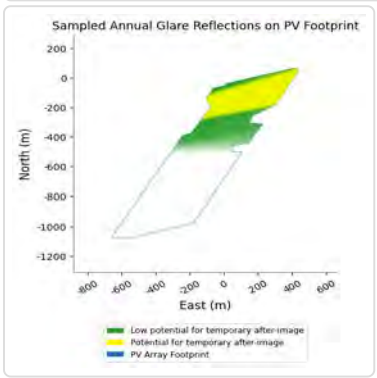
PV array is expected to produce the following glare for this receptor:

- 1,095 minutes of "green" glare with low potential to cause temporary after-image.
- 27 minutes of "yellow" glare with potential to cause temporary after-image.









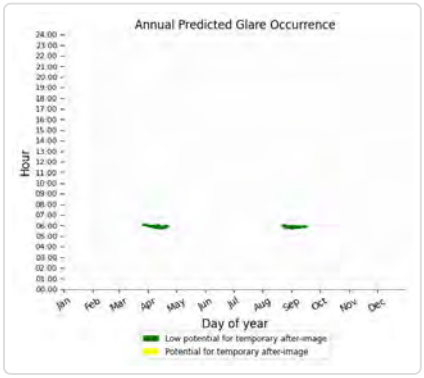
Field D2 Array: OP 27

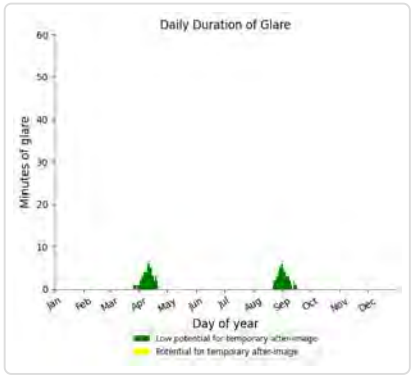
No glare found

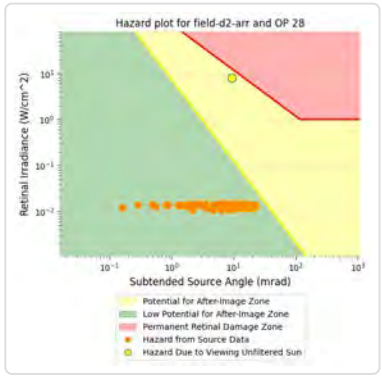
Field D2 Array: OP 28

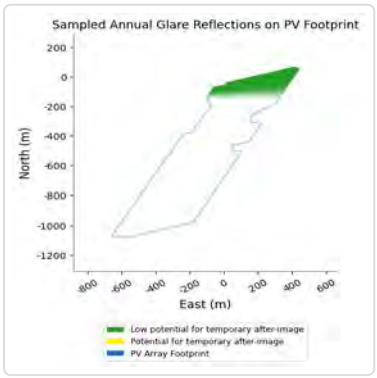
PV array is expected to produce the following glare for this receptor:

- 149 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 29

No glare found

Field D2 Array: OP 30

No glare found

Field D2 Array: OP 31

No glare found

Field D2 Array: OP 32

No glare found

Field D2 Array: OP 33

No glare found

Field D2 Array: OP 34

No glare found

Field D2 Array: OP 35

No glare found

Field D2 Array: OP 36

No glare found

Field D2 Array: OP 37

No glare found

Field D2 Array: OP 38

No glare found

Field D2 Array: OP 39

No glare found

Field D2 Array: OP 40

No glare found

Field D2 Array: OP 41

No glare found

Field D2 Array: OP 42

No glare found

Field D2 Array: OP 43

No glare found

Field D2 Array: OP 44

No glare found

Field D2 Array: OP 45

No glare found

Field D2 Array: OP 46

No glare found

Field D2 Array: OP 47

No glare found

Field D2 Array: OP 48

No glare found

Field D2 Array: OP 49

No glare found

Field D2 Array: OP 50

No glare found

Field D2 Array: OP 51

No glare found

Field D2 Array: OP 52

No glare found

Field D2 Array: OP 53

No glare found

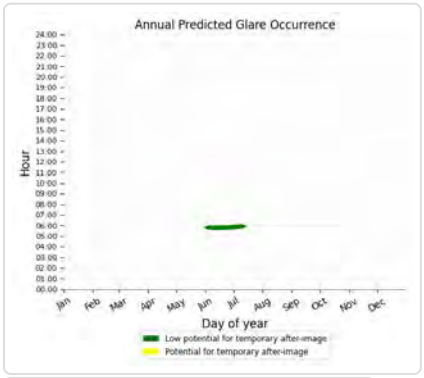
Field D2 Array: OP 54

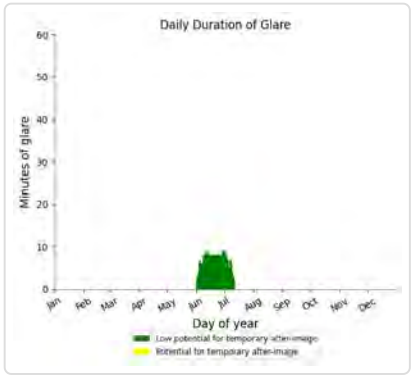
No glare found

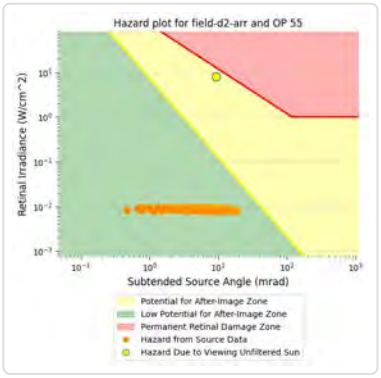
Field D2 Array: OP 55

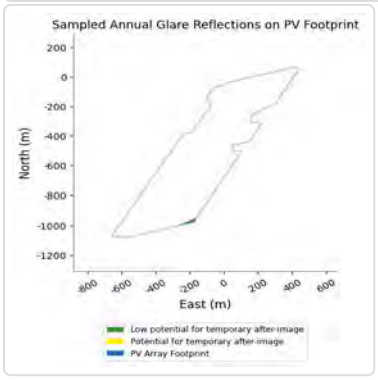
PV array is expected to produce the following glare for this receptor:

- 298 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





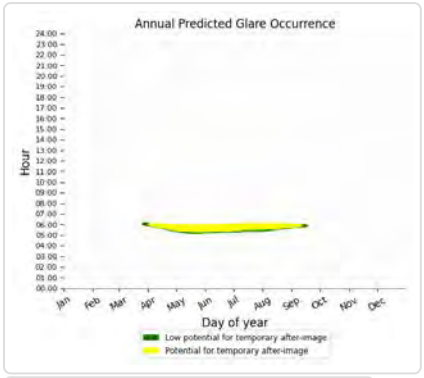


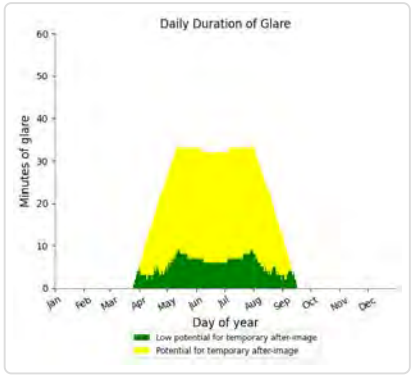


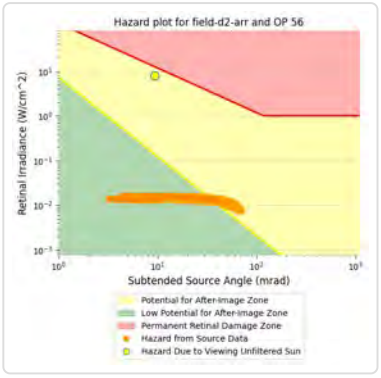
Field D2 Array: OP 56

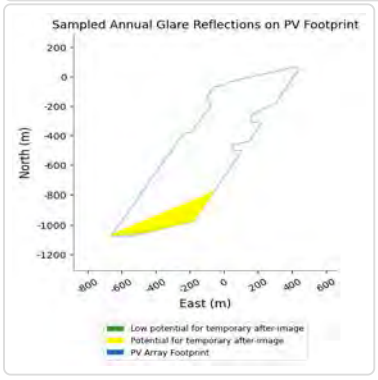
PV array is expected to produce the following glare for this receptor:

- 953 minutes of "green" glare with low potential to cause temporary after-image.
- 3,335 minutes of "yellow" glare with potential to cause temporary after-image.





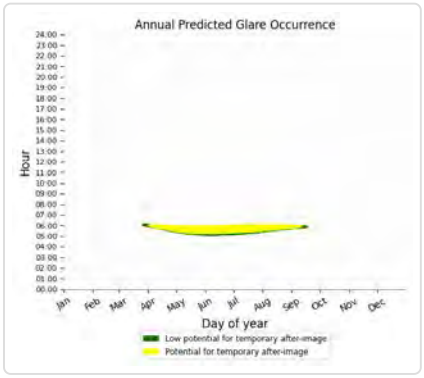


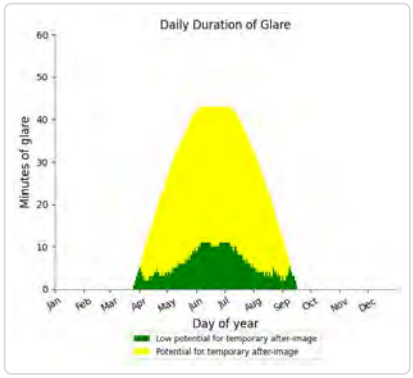


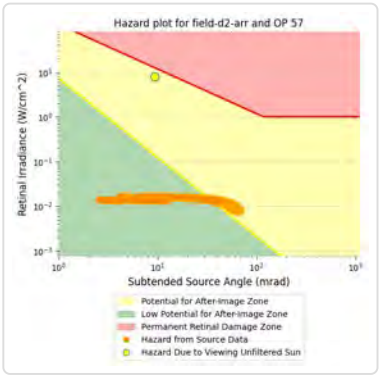
Field D2 Array: OP 57

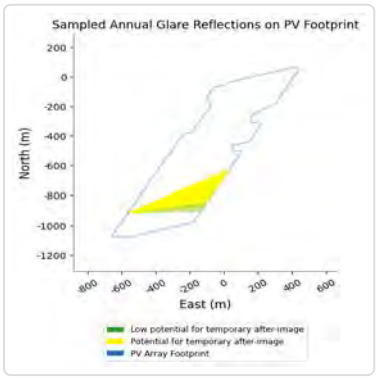
PV array is expected to produce the following glare for this receptor:

- 1,046 minutes of "green" glare with low potential to cause temporary after-image.
- 3,852 minutes of "yellow" glare with potential to cause temporary after-image.





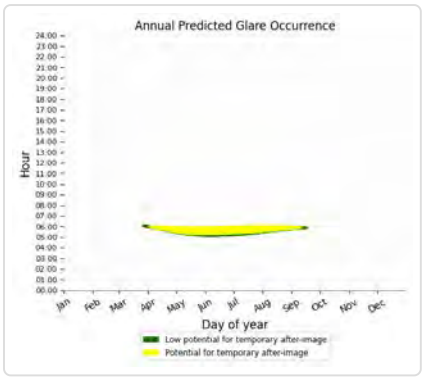


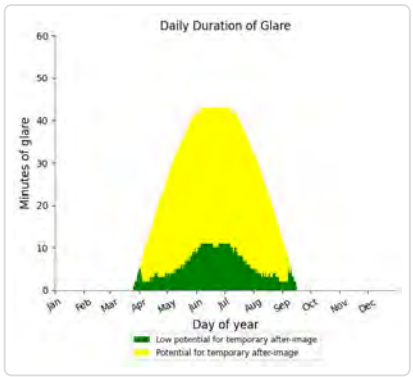


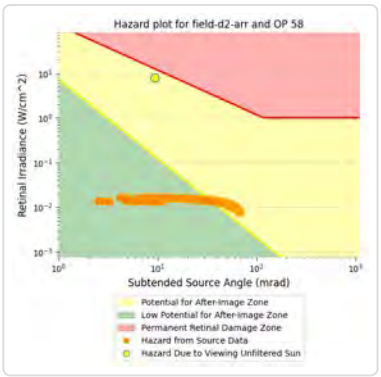
Field D2 Array: OP 58

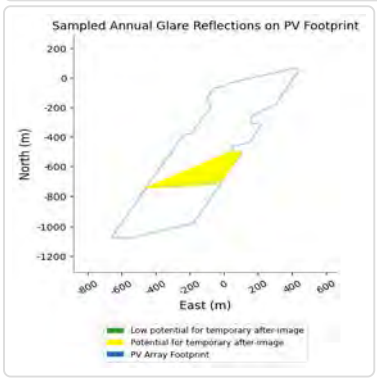
PV array is expected to produce the following glare for this receptor:

- 1,018 minutes of "green" glare with low potential to cause temporary after-image.
- 3,867 minutes of "yellow" glare with potential to cause temporary after-image.





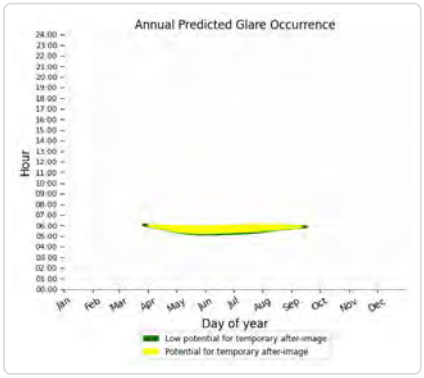


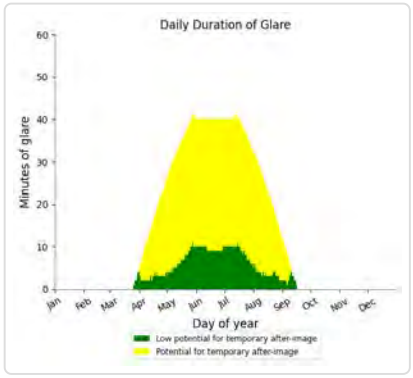


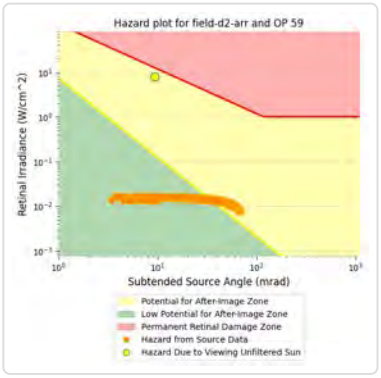
Field D2 Array: OP 59

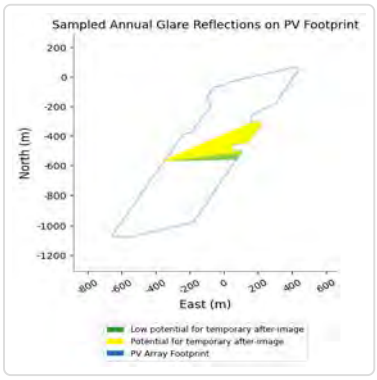
PV array is expected to produce the following glare for this receptor:

- 1,014 minutes of "green" glare with low potential to cause temporary after-image.
- 3,754 minutes of "yellow" glare with potential to cause temporary after-image.





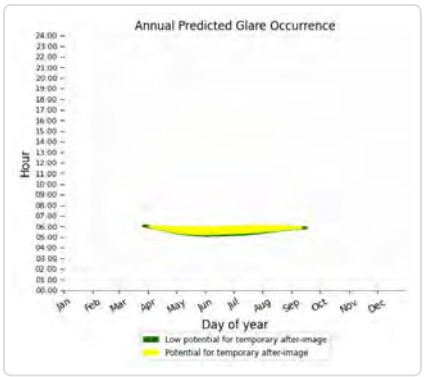


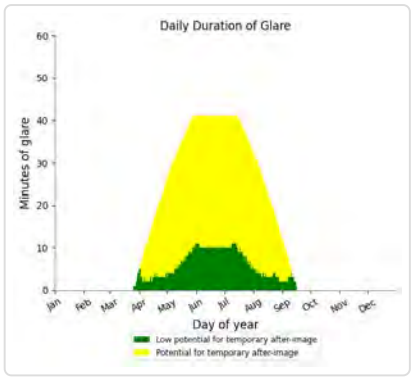


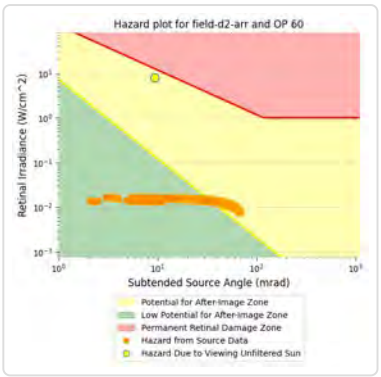
Field D2 Array: OP 60

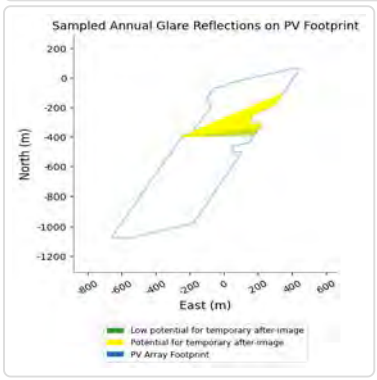
PV array is expected to produce the following glare for this receptor:

- 1,032 minutes of "green" glare with low potential to cause temporary after-image.
- 3,771 minutes of "yellow" glare with potential to cause temporary after-image.





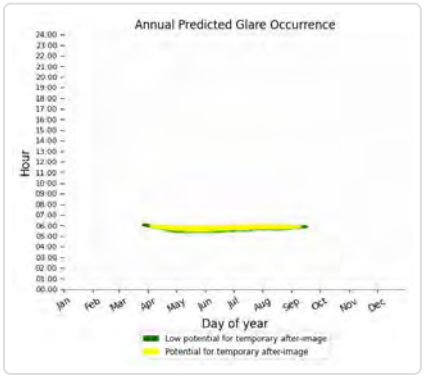


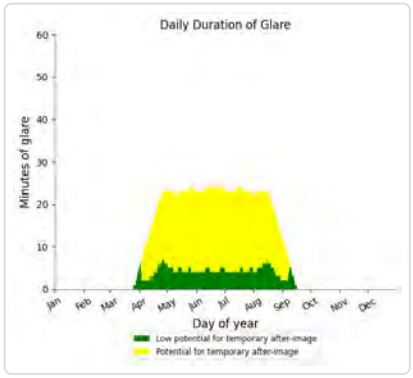


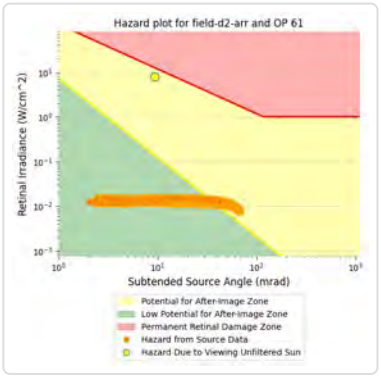
Field D2 Array: OP 61

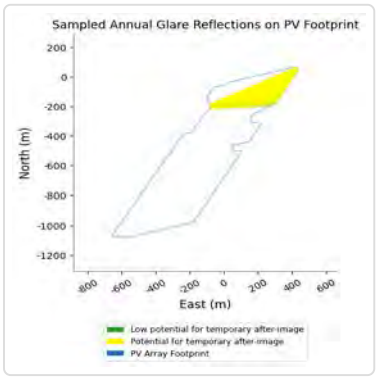
PV array is expected to produce the following glare for this receptor:

- 719 minutes of "green" glare with low potential to cause temporary after-image.
- 2,631 minutes of "yellow" glare with potential to cause temporary after-image.





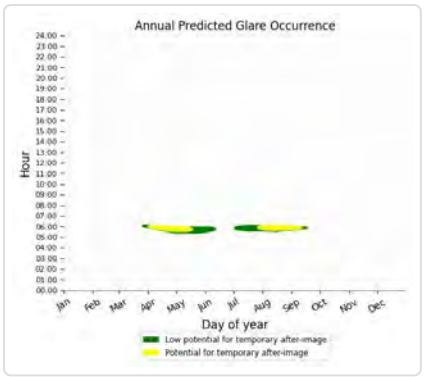


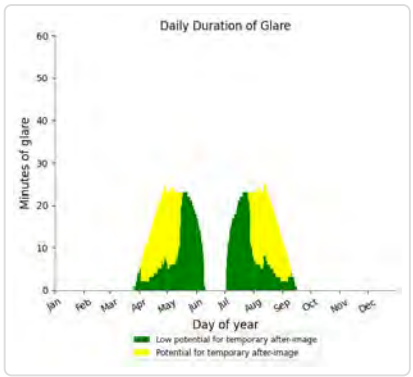


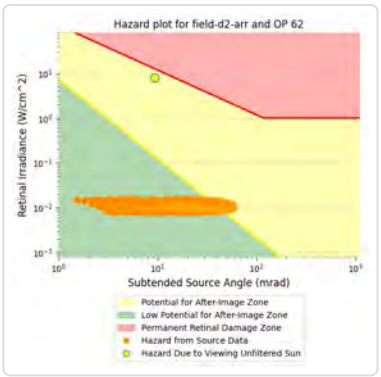
Field D2 Array: OP 62

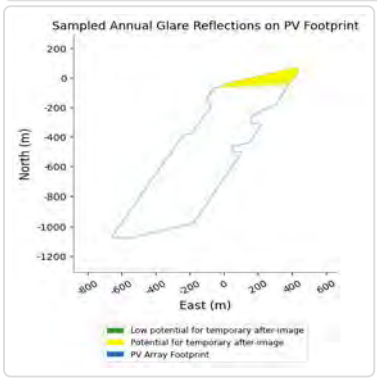
PV array is expected to produce the following glare for this receptor:

- 1,405 minutes of "green" glare with low potential to cause temporary after-image.
- 1,181 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 63

No glare found

Field D2 Array: OP 64

No glare found

Field D2 Array: OP 65

No glare found

Field D2 Array: OP 66

No glare found

Field D2 Array: OP 67

No glare found

Field D2 Array: OP 68

No glare found

Field D2 Array: OP 69

No glare found

Field D3 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	66	0
OP: OP 16	1052	175
OP: OP 17	1144	282
OP: OP 18	1090	1118
OP: OP 19	1704	434
OP: OP 20	1193	917
OP: OP 21	962	1358
OP: OP 22	1196	918
OP: OP 23	1377	776
OP: OP 24	892	910
OP: OP 25	1218	271
OP: OP 26	1091	1180
OP: OP 27	301	16
OP: OP 28	145	0
OP: OP 29	0	0
OP: OP 30	0	0

OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	999	1600
OP: OP 51	1062	3828
OP: OP 52	825	2494
OP: OP 53	968	1409
OP: OP 54	1185	907
OP: OP 55	607	2507
OP: OP 56	825	2910
OP: OP 57	619	2006
OP: OP 58	1053	3835
OP: OP 59	1051	3864
OP: OP 60	817	2856
OP: OP 61	631	2411
OP: OP 62	1192	3344
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

Field D3 Array: OP 1

No glare found

Field D3 Array: OP 2

No glare found

Field D3 Array: OP 3

No glare found

Field D3 Array: OP 4

No glare found

Field D3 Array: OP 5

No glare found

Field D3 Array: OP 6

No glare found

Field D3 Array: OP 7

No glare found

Field D3 Array: OP 8

No glare found

Field D3 Array: OP 9

No glare found

Field D3 Array: OP 10

No glare found

Field D3 Array: OP 11

No glare found

Field D3 Array: OP 12

No glare found

Field D3 Array: OP 13

No glare found

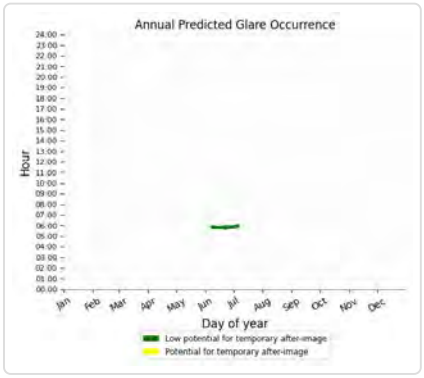
Field D3 Array: OP 14

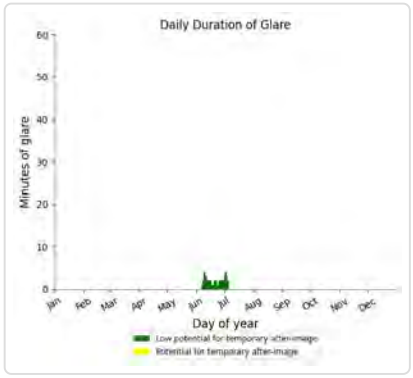
No glare found

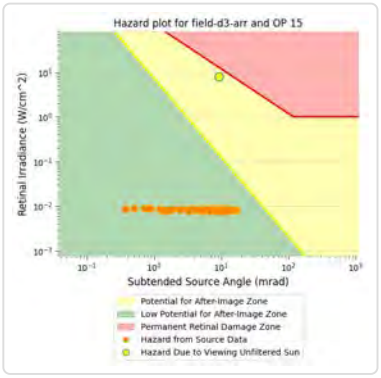
Field D3 Array: OP 15

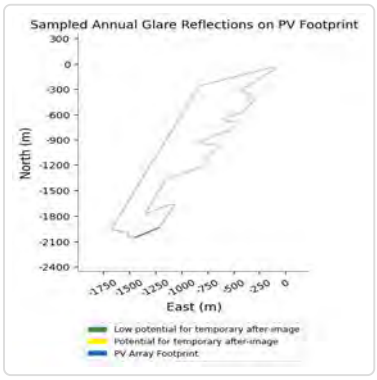
PV array is expected to produce the following glare for this receptor:

- 66 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





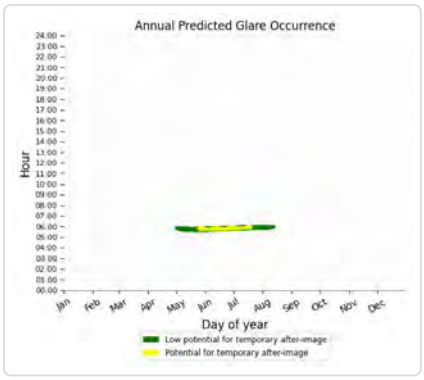


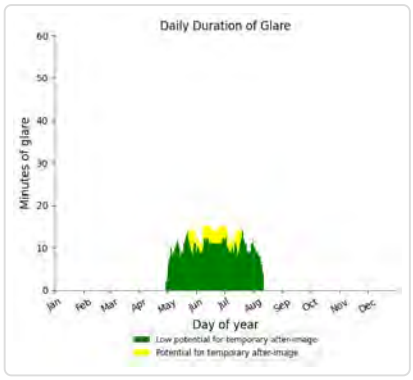


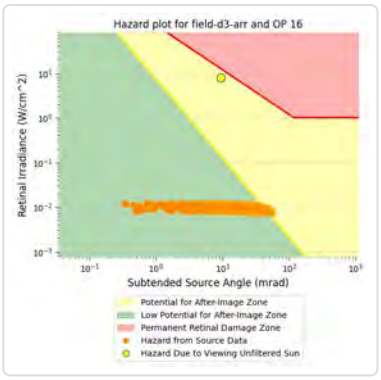
Field D3 Array: OP 16

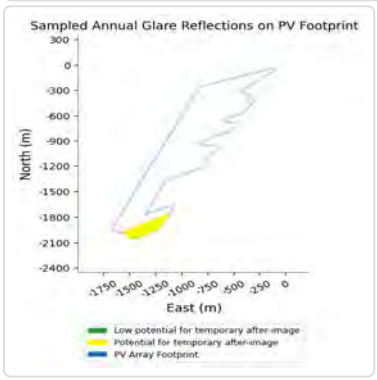
PV array is expected to produce the following glare for this receptor:

- 1,052 minutes of "green" glare with low potential to cause temporary after-image.
- 175 minutes of "yellow" glare with potential to cause temporary after-image.





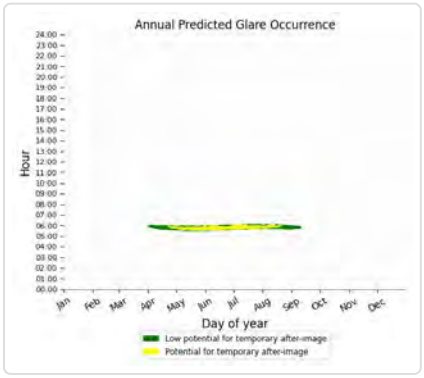


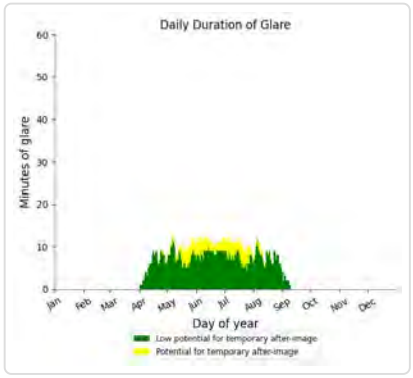


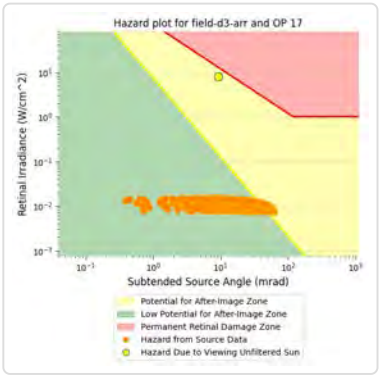
Field D3 Array: OP 17

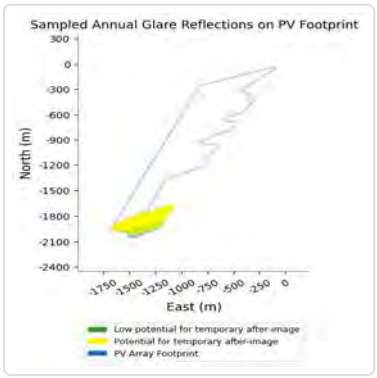
PV array is expected to produce the following glare for this receptor:

- 1,144 minutes of "green" glare with low potential to cause temporary after-image.
- 282 minutes of "yellow" glare with potential to cause temporary after-image.





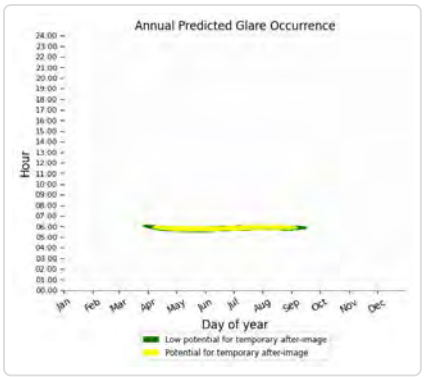


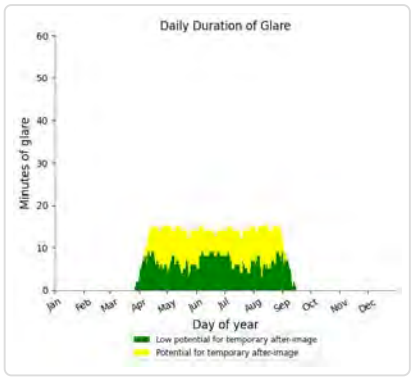


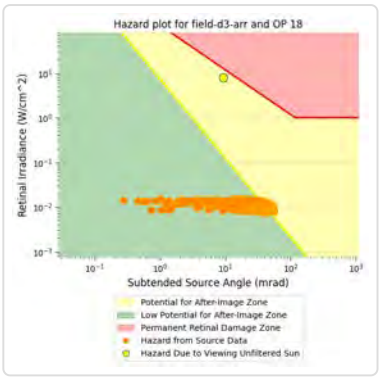
Field D3 Array: OP 18

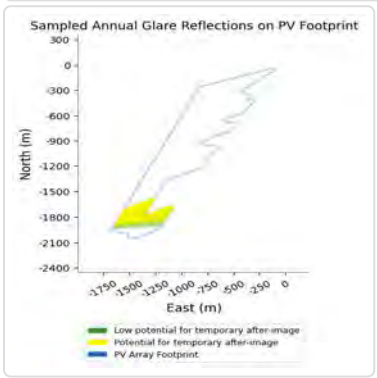
PV array is expected to produce the following glare for this receptor:

- 1,090 minutes of "green" glare with low potential to cause temporary after-image.
- 1,118 minutes of "yellow" glare with potential to cause temporary after-image.





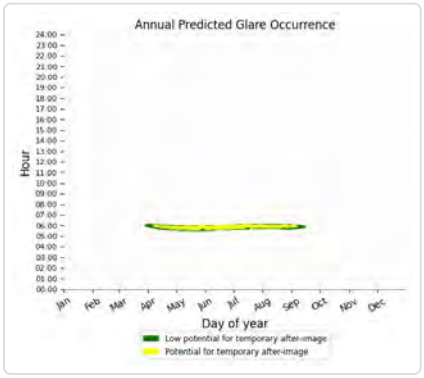


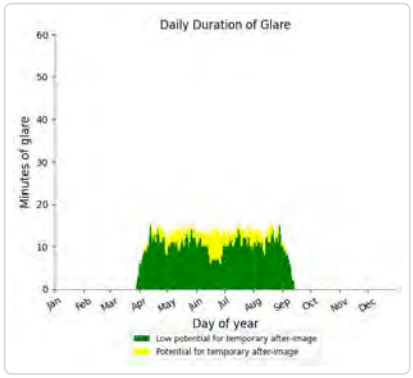


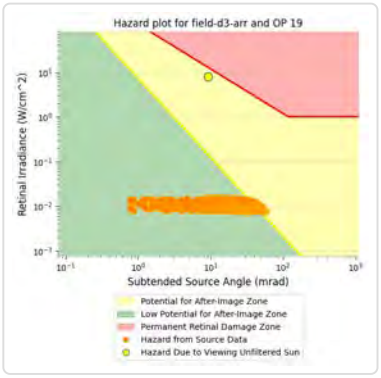
Field D3 Array: OP 19

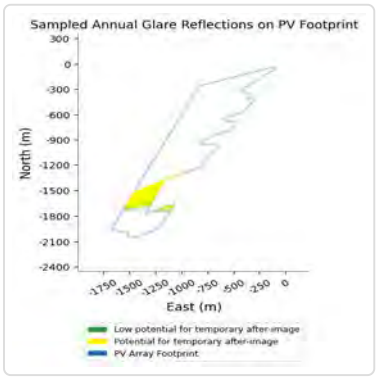
PV array is expected to produce the following glare for this receptor:

- 1,704 minutes of "green" glare with low potential to cause temporary after-image.
- 434 minutes of "yellow" glare with potential to cause temporary after-image.





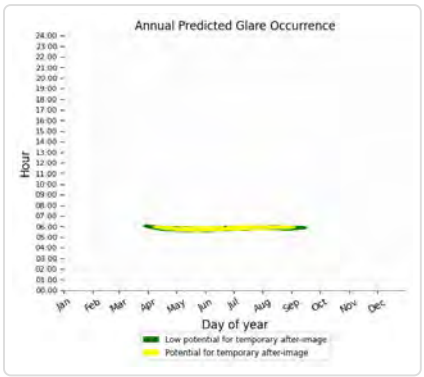


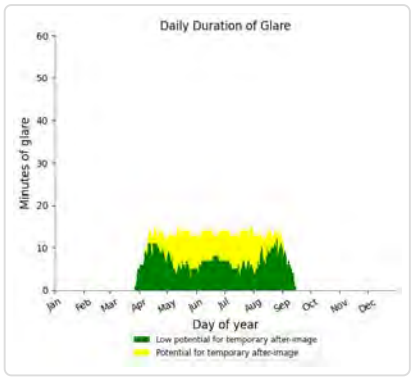


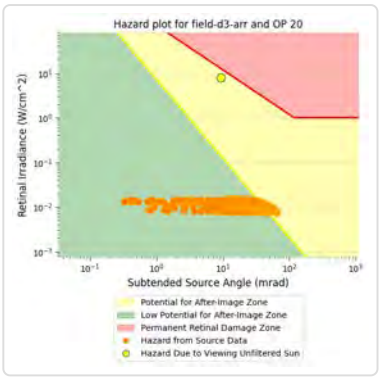
Field D3 Array: OP 20

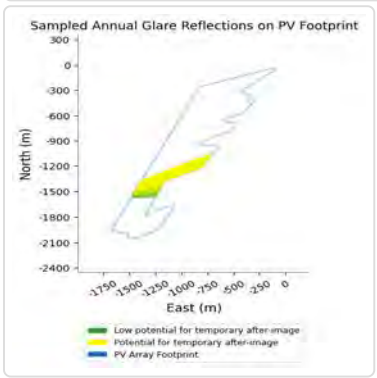
PV array is expected to produce the following glare for this receptor:

- 1,193 minutes of "green" glare with low potential to cause temporary after-image.
- 917 minutes of "yellow" glare with potential to cause temporary after-image.





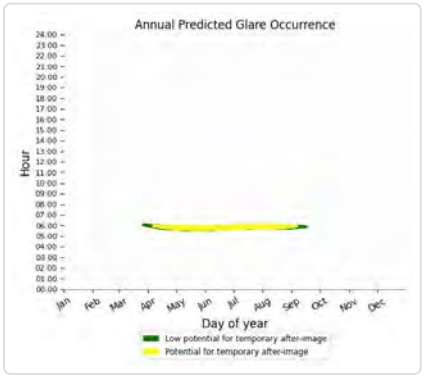


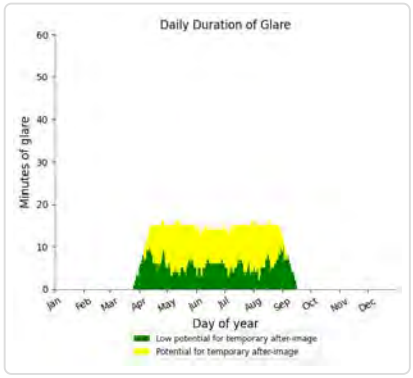


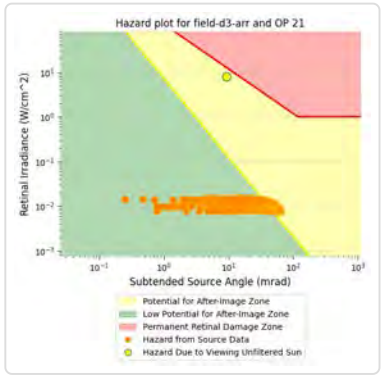
Field D3 Array: OP 21

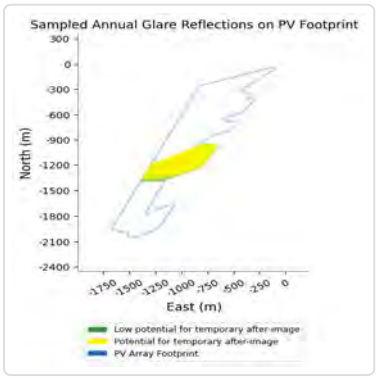
PV array is expected to produce the following glare for this receptor:

- 962 minutes of "green" glare with low potential to cause temporary after-image.
- 1,358 minutes of "yellow" glare with potential to cause temporary after-image.





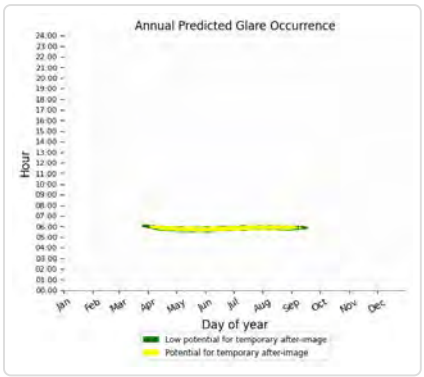


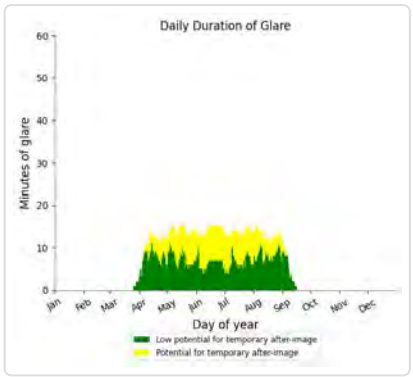


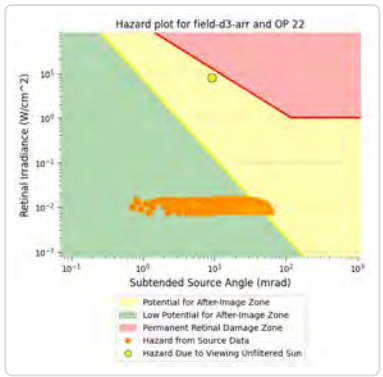
Field D3 Array: OP 22

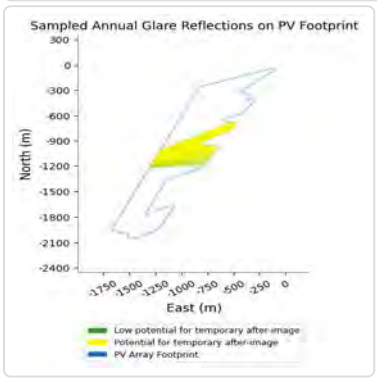
PV array is expected to produce the following glare for this receptor:

- 1,196 minutes of "green" glare with low potential to cause temporary after-image.
- 918 minutes of "yellow" glare with potential to cause temporary after-image.





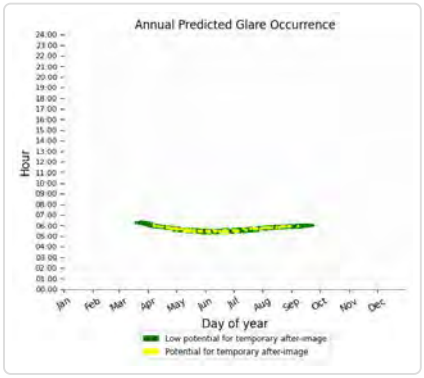


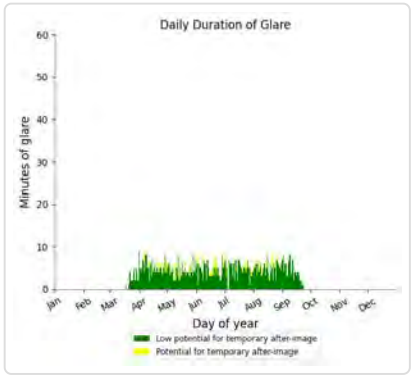


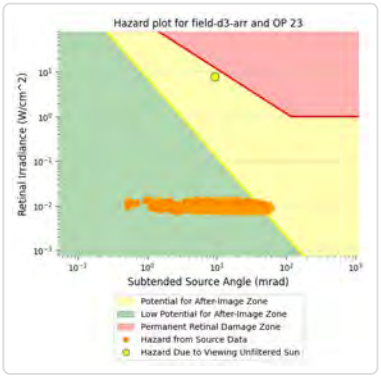
Field D3 Array: OP 23

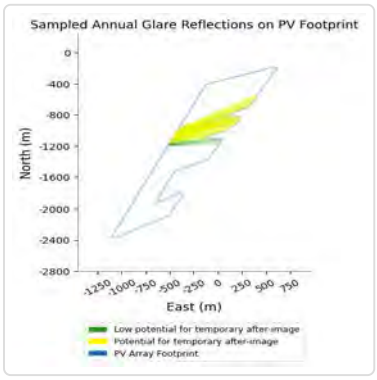
PV array is expected to produce the following glare for this receptor:

- 1,377 minutes of "green" glare with low potential to cause temporary after-image.
- 776 minutes of "yellow" glare with potential to cause temporary after-image.





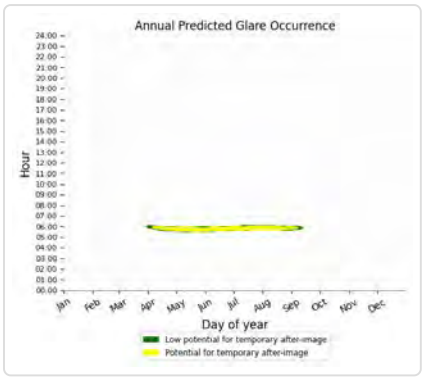


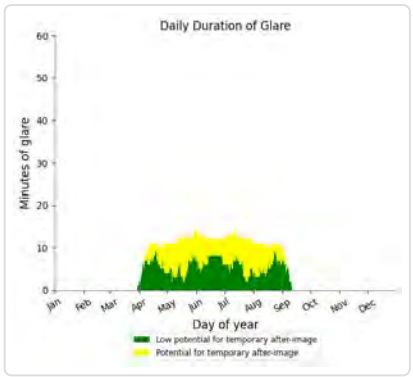


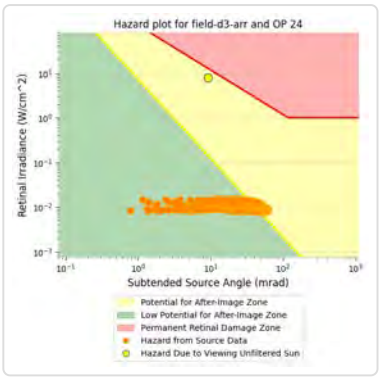
Field D3 Array: OP 24

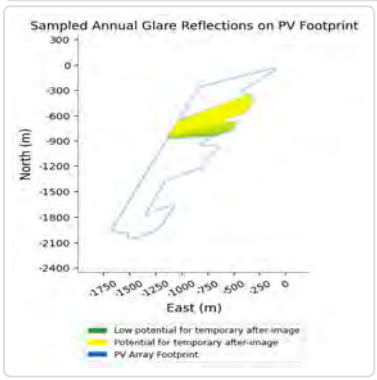
PV array is expected to produce the following glare for this receptor:

- 892 minutes of "green" glare with low potential to cause temporary after-image.
- 910 minutes of "yellow" glare with potential to cause temporary after-image.





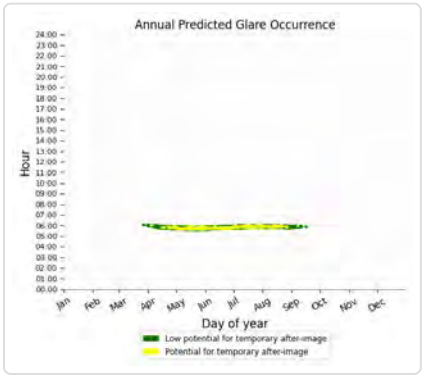


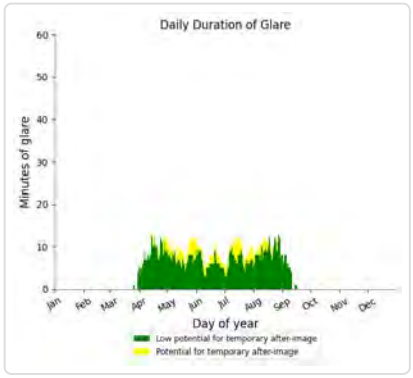


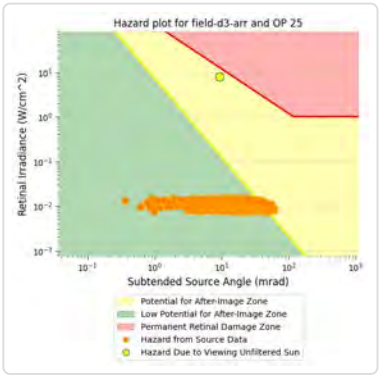
Field D3 Array: OP 25

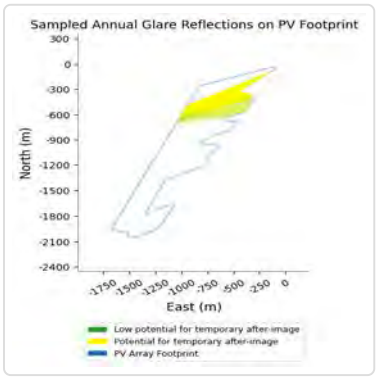
PV array is expected to produce the following glare for this receptor:

- 1,218 minutes of "green" glare with low potential to cause temporary after-image.
- 271 minutes of "yellow" glare with potential to cause temporary after-image.





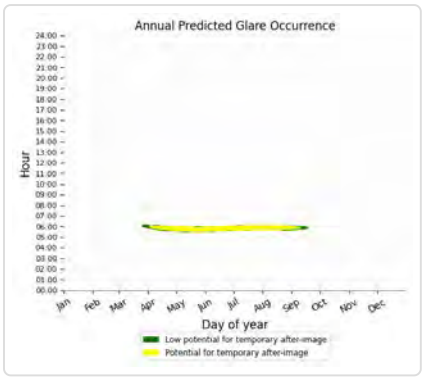


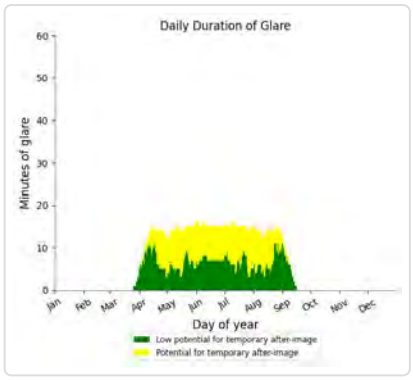


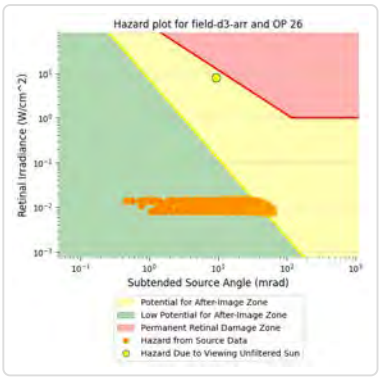
Field D3 Array: OP 26

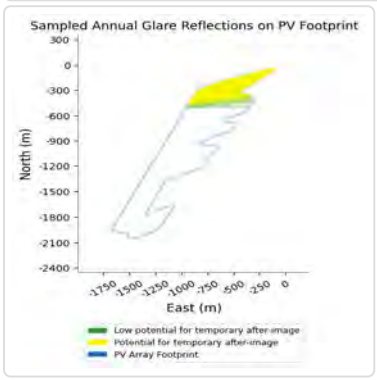
PV array is expected to produce the following glare for this receptor:

- 1,091 minutes of "green" glare with low potential to cause temporary after-image.
- 1,180 minutes of "yellow" glare with potential to cause temporary after-image.





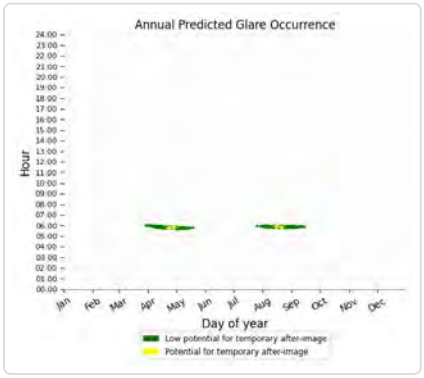


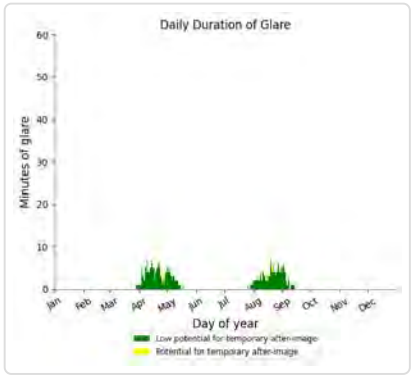


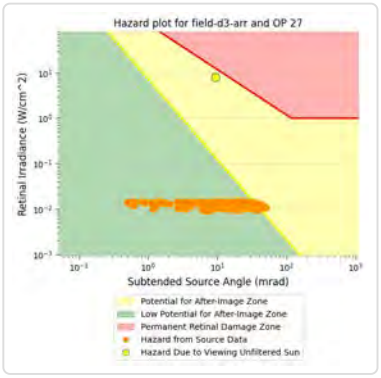
Field D3 Array: OP 27

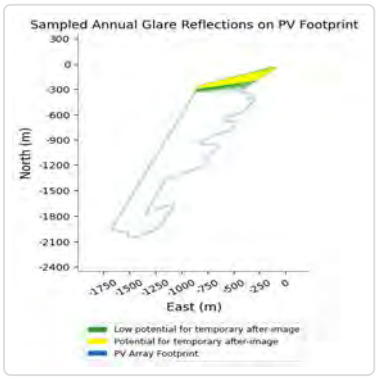
PV array is expected to produce the following glare for this receptor:

- 301 minutes of "green" glare with low potential to cause temporary after-image.
- 16 minutes of "yellow" glare with potential to cause temporary after-image.





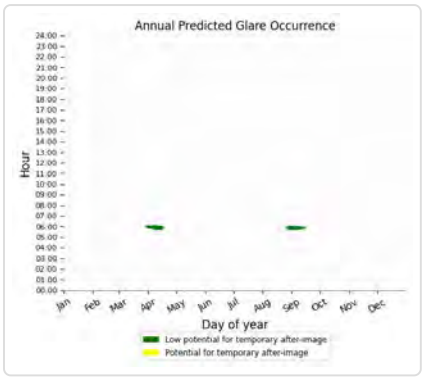


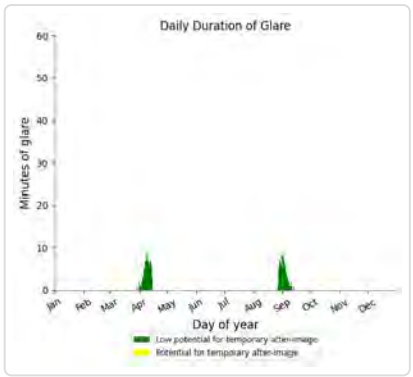


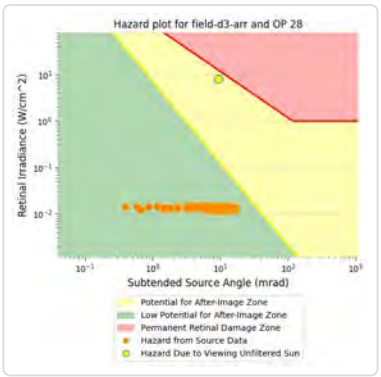
Field D3 Array: OP 28

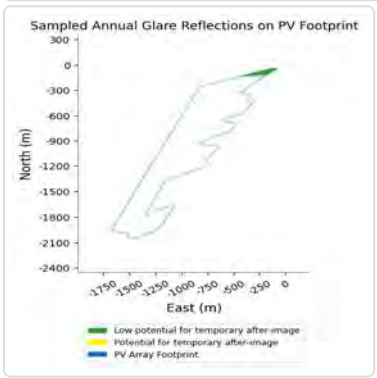
PV array is expected to produce the following glare for this receptor:

- 145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 29

No glare found

Field D3 Array: OP 30

No glare found

Field D3 Array: OP 31

No glare found

Field D3 Array: OP 32

No glare found

Field D3 Array: OP 33

No glare found

Field D3 Array: OP 34

No glare found

Field D3 Array: OP 35

No glare found

Field D3 Array: OP 36

No glare found

Field D3 Array: OP 37

No glare found

Field D3 Array: OP 38

No glare found

Field D3 Array: OP 39

No glare found

Field D3 Array: OP 40

No glare found

Field D3 Array: OP 41

No glare found

Field D3 Array: OP 42

No glare found

Field D3 Array: OP 43

No glare found

Field D3 Array: OP 44

No glare found

Field D3 Array: OP 45

No glare found

Field D3 Array: OP 46

No glare found

Field D3 Array: OP 47

No glare found

Field D3 Array: OP 48

No glare found

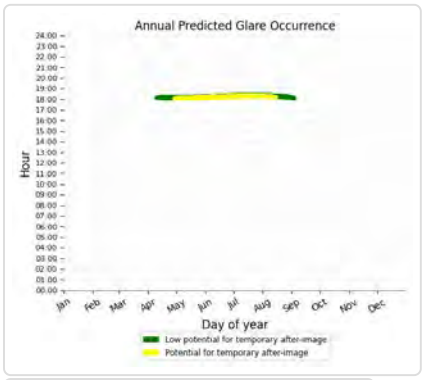
Field D3 Array: OP 49

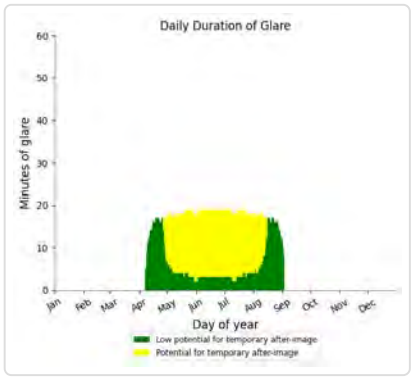
No glare found

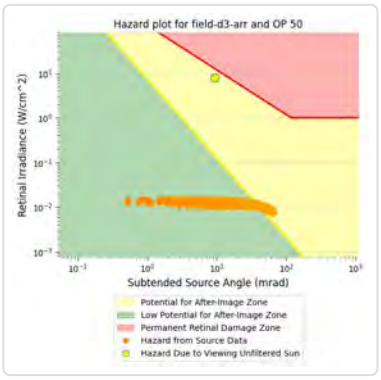
Field D3 Array: OP 50

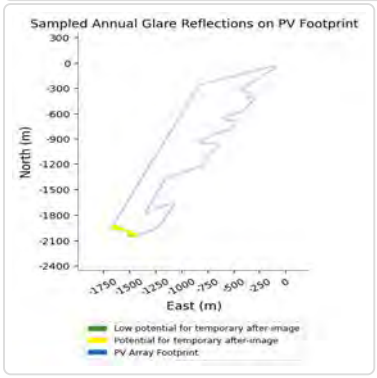
PV array is expected to produce the following glare for this receptor:

- 999 minutes of "green" glare with low potential to cause temporary after-image.
- 1,600 minutes of "yellow" glare with potential to cause temporary after-image.





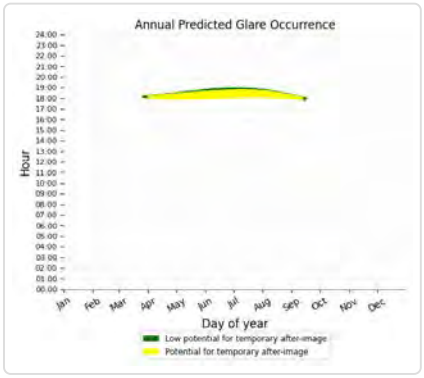


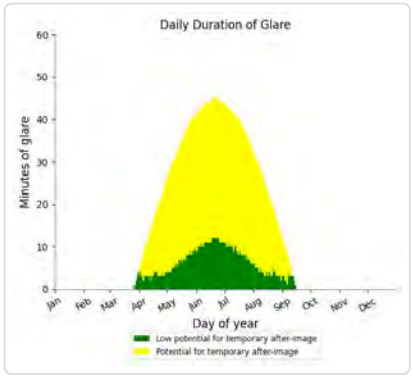


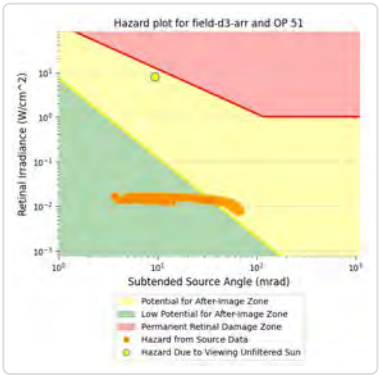
Field D3 Array: OP 51

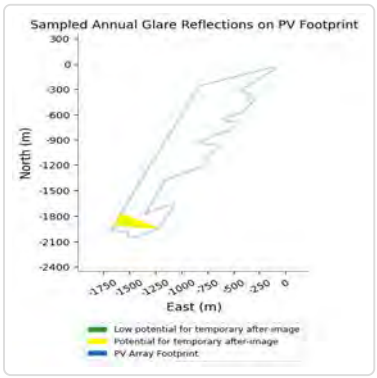
PV array is expected to produce the following glare for this receptor:

- 1,062 minutes of "green" glare with low potential to cause temporary after-image.
- 3,828 minutes of "yellow" glare with potential to cause temporary after-image.





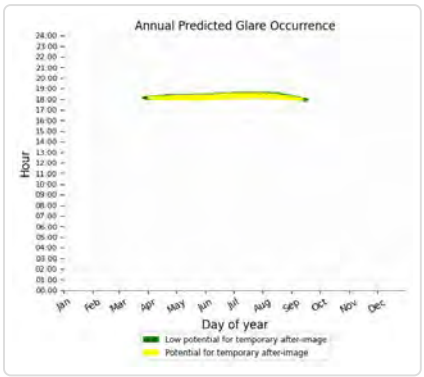


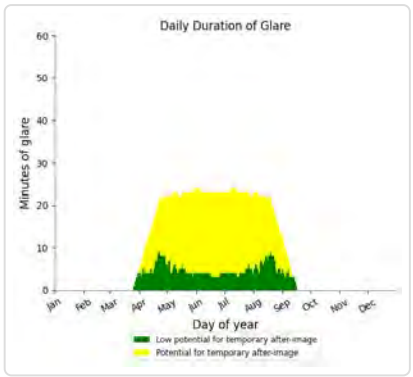


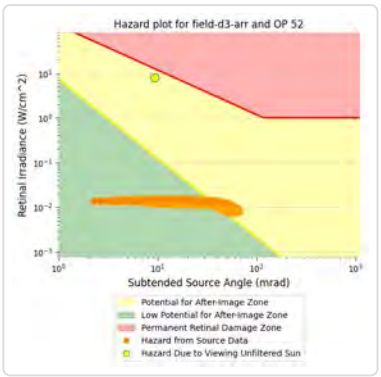
Field D3 Array: OP 52

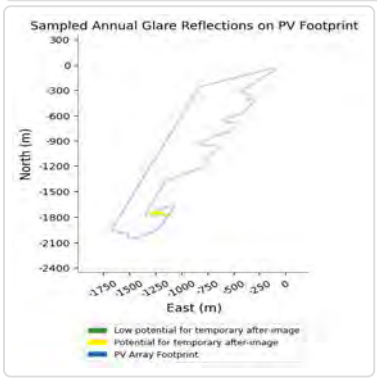
PV array is expected to produce the following glare for this receptor:

- 825 minutes of "green" glare with low potential to cause temporary after-image.
- 2,494 minutes of "yellow" glare with potential to cause temporary after-image.





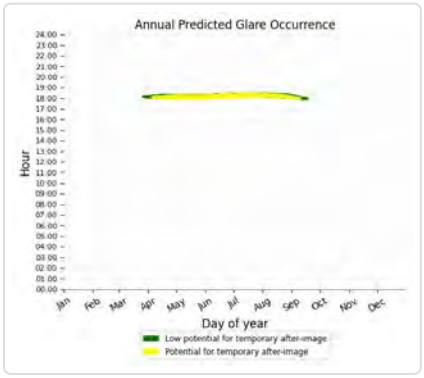


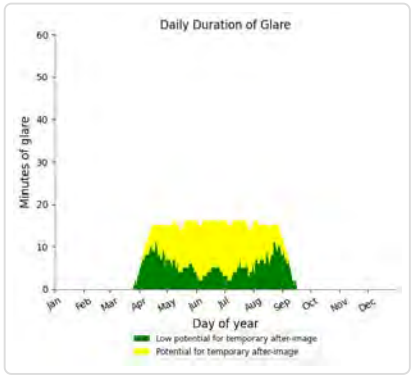


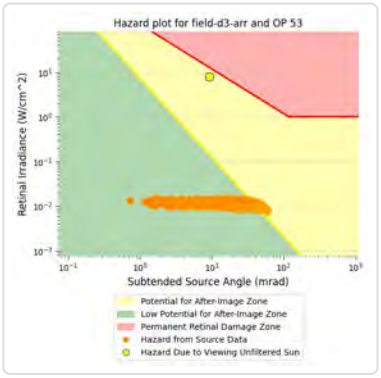
Field D3 Array: OP 53

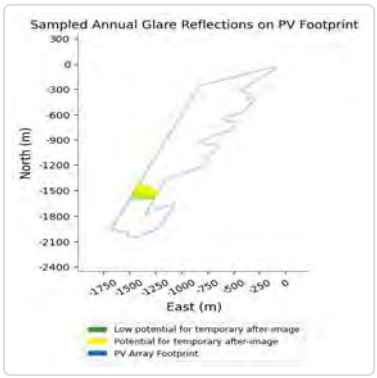
PV array is expected to produce the following glare for this receptor:

- 968 minutes of "green" glare with low potential to cause temporary after-image.
- 1,409 minutes of "yellow" glare with potential to cause temporary after-image.





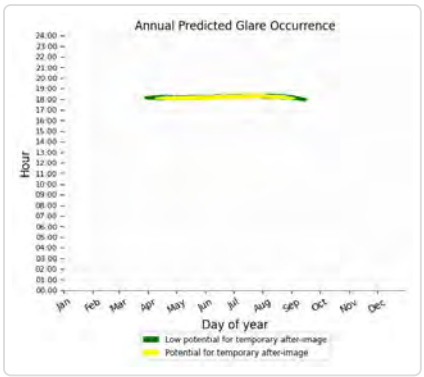


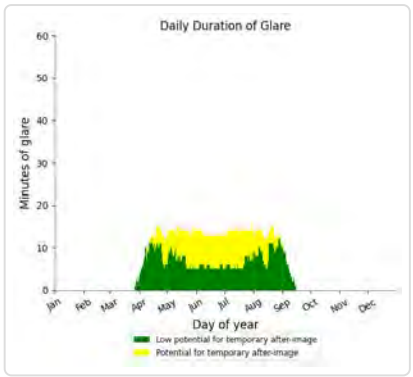


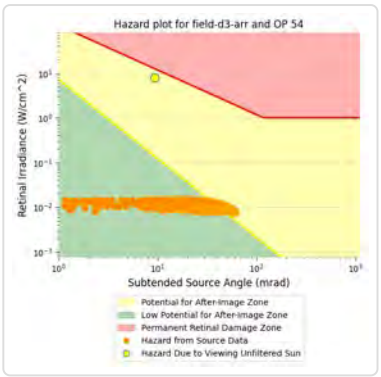
Field D3 Array: OP 54

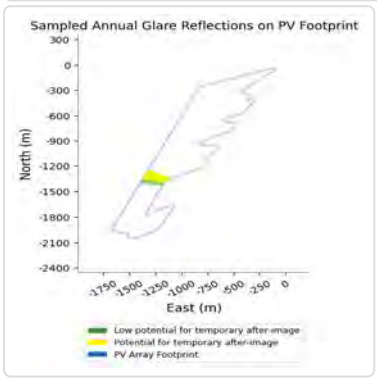
PV array is expected to produce the following glare for this receptor:

- 1,185 minutes of "green" glare with low potential to cause temporary after-image.
- 907 minutes of "yellow" glare with potential to cause temporary after-image.





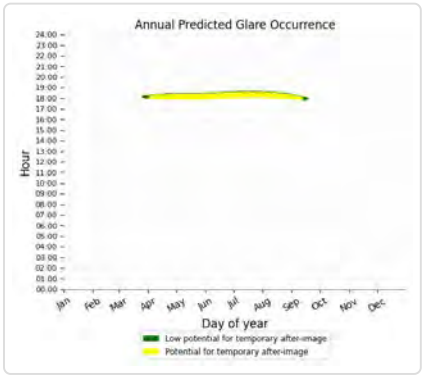


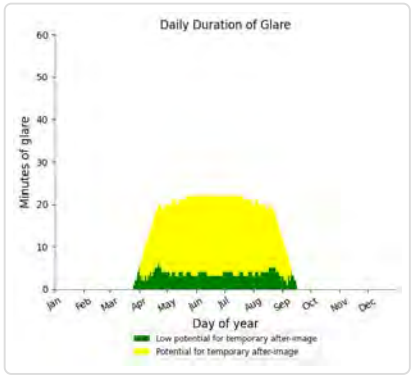


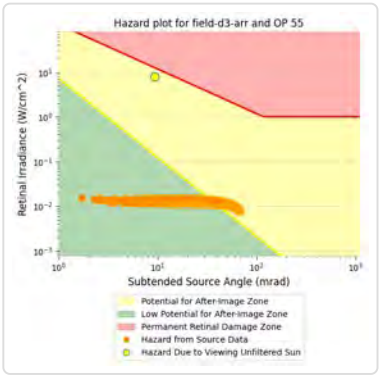
Field D3 Array: OP 55

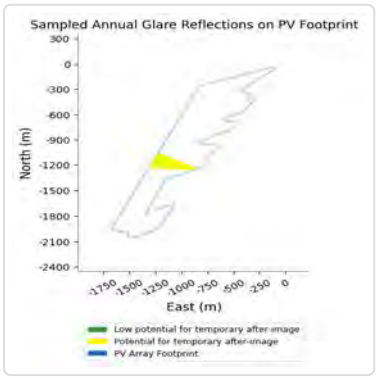
PV array is expected to produce the following glare for this receptor:

- 607 minutes of "green" glare with low potential to cause temporary after-image.
- 2,507 minutes of "yellow" glare with potential to cause temporary after-image.





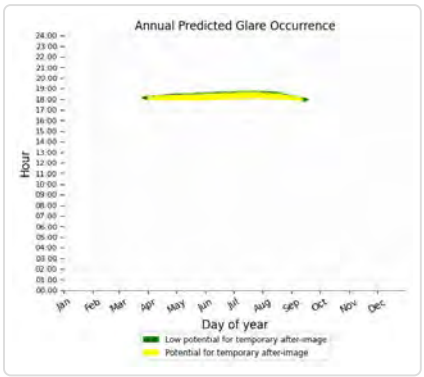


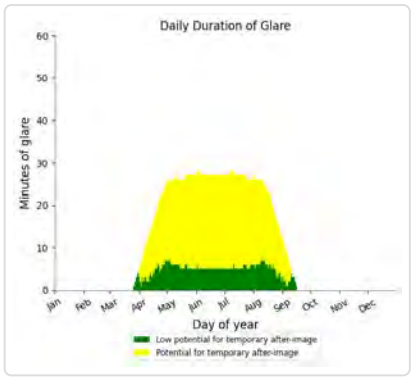


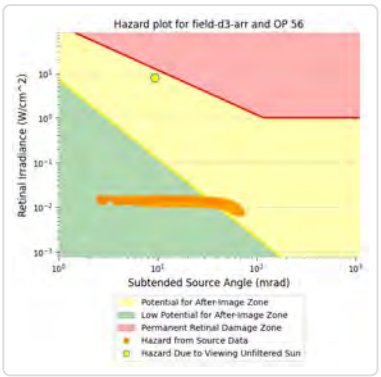
Field D3 Array: OP 56

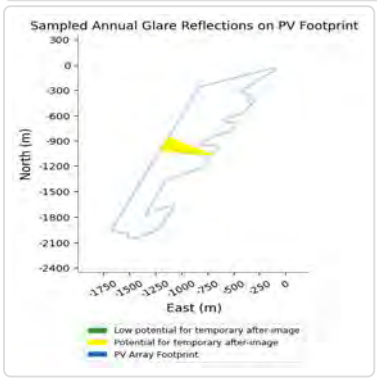
PV array is expected to produce the following glare for this receptor:

- 825 minutes of "green" glare with low potential to cause temporary after-image.
- 2,910 minutes of "yellow" glare with potential to cause temporary after-image.





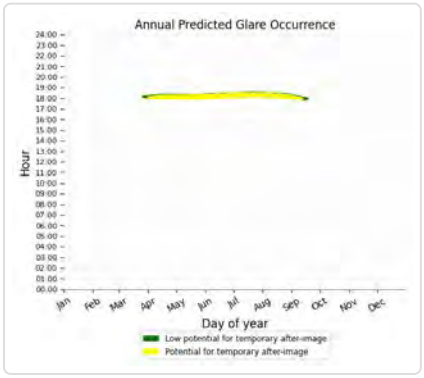


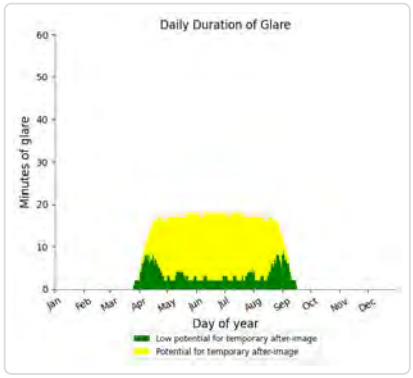


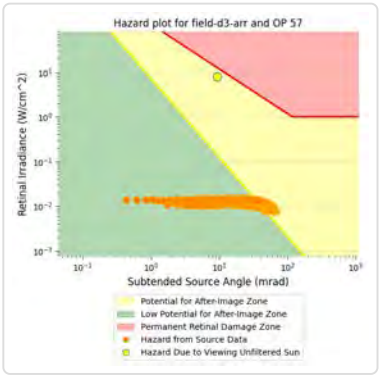
Field D3 Array: OP 57

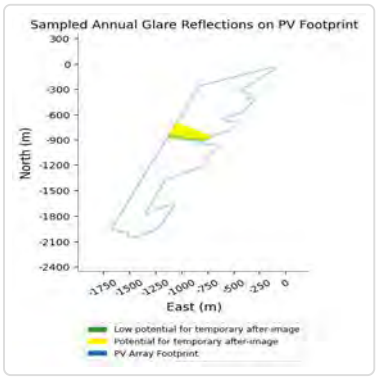
PV array is expected to produce the following glare for this receptor:

- 619 minutes of "green" glare with low potential to cause temporary after-image.
- 2,006 minutes of "yellow" glare with potential to cause temporary after-image.





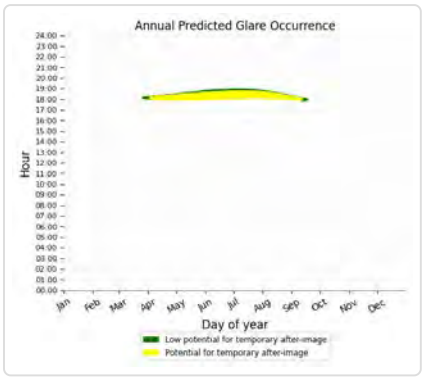


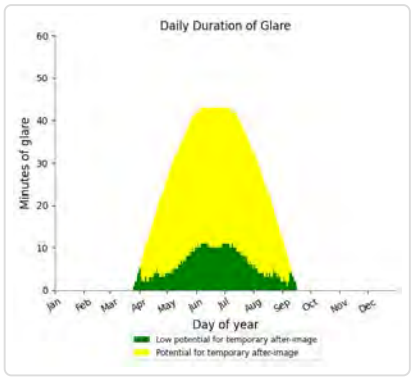


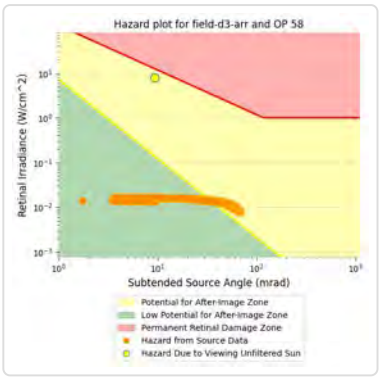
Field D3 Array: OP 58

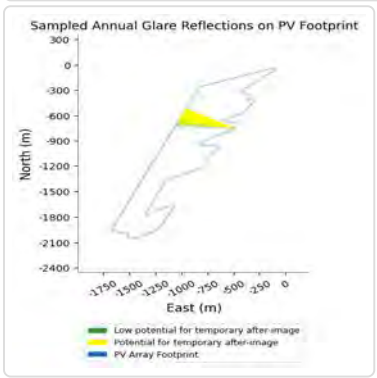
PV array is expected to produce the following glare for this receptor:

- 1,053 minutes of "green" glare with low potential to cause temporary after-image.
- 3,835 minutes of "yellow" glare with potential to cause temporary after-image.





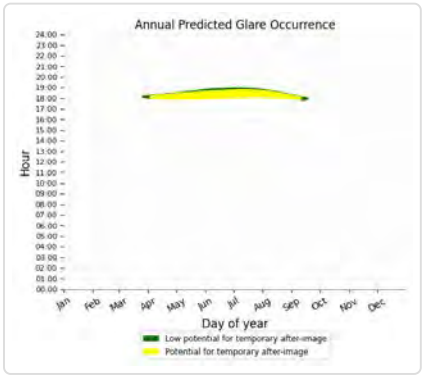


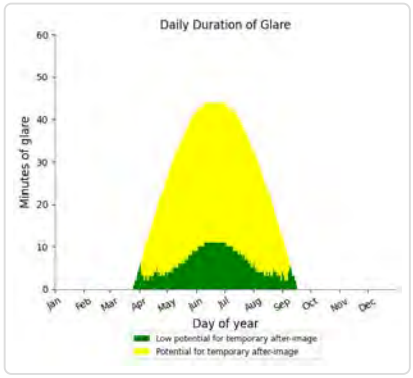


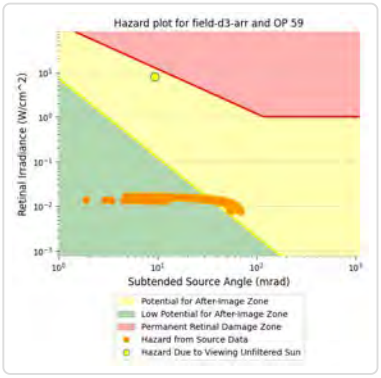
Field D3 Array: OP 59

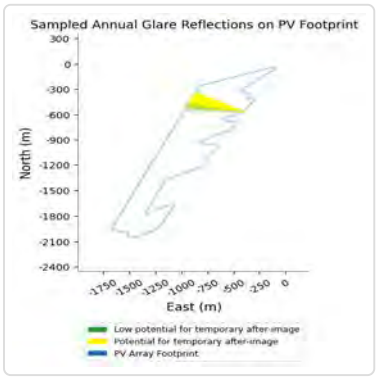
PV array is expected to produce the following glare for this receptor:

- 1,051 minutes of "green" glare with low potential to cause temporary after-image.
- 3,864 minutes of "yellow" glare with potential to cause temporary after-image.





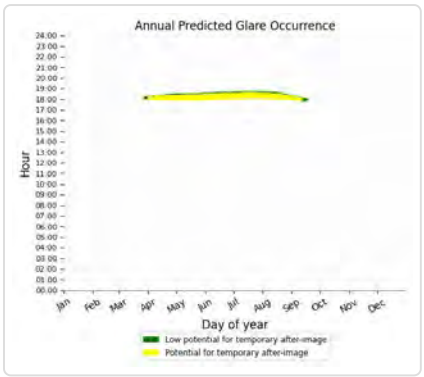


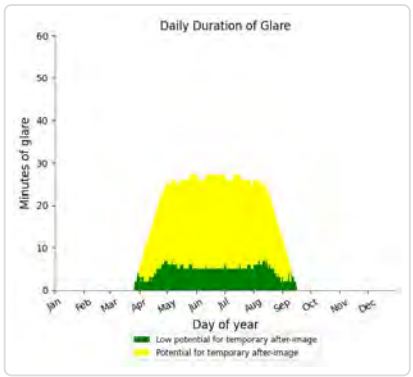


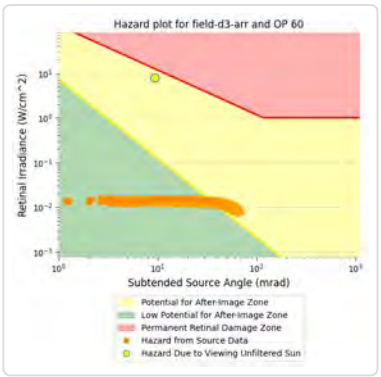
Field D3 Array: OP 60

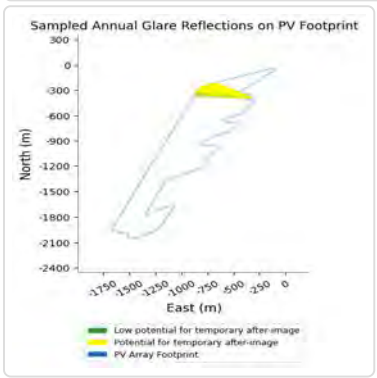
PV array is expected to produce the following glare for this receptor:

- 817 minutes of "green" glare with low potential to cause temporary after-image.
- 2,856 minutes of "yellow" glare with potential to cause temporary after-image.





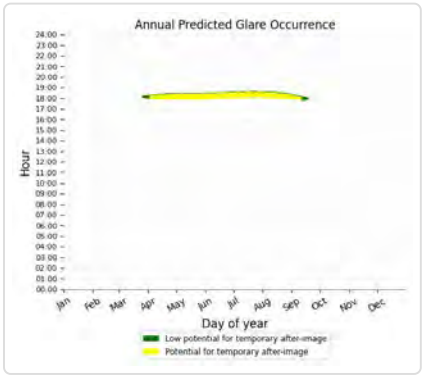


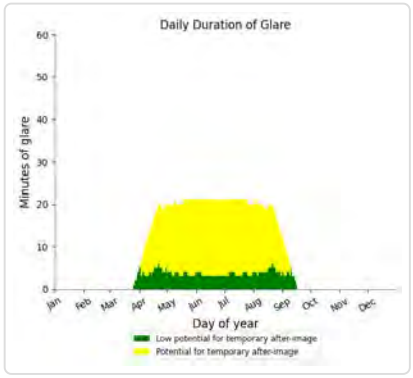


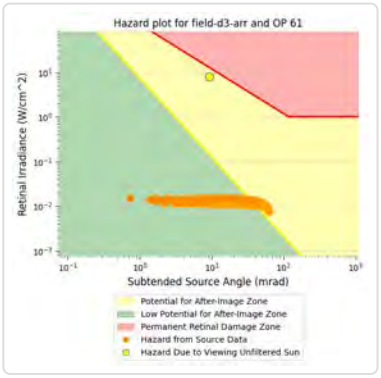
Field D3 Array: OP 61

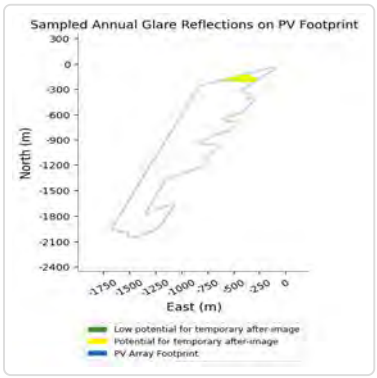
PV array is expected to produce the following glare for this receptor:

- 631 minutes of "green" glare with low potential to cause temporary after-image.
- 2,411 minutes of "yellow" glare with potential to cause temporary after-image.





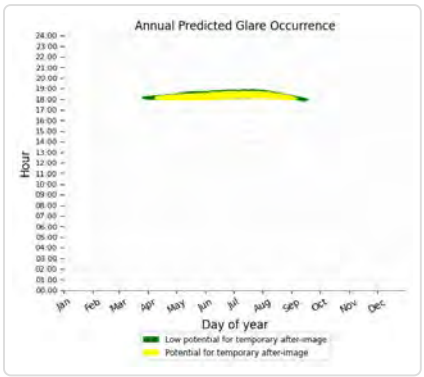


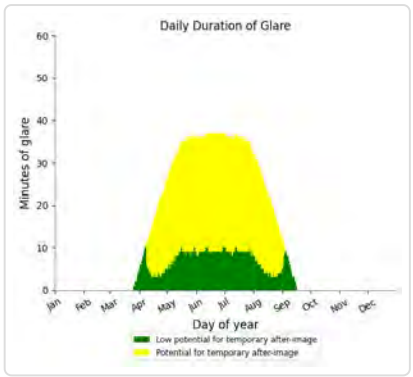


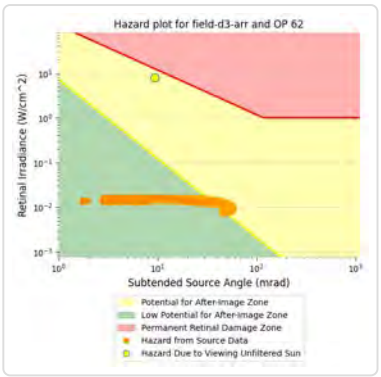
Field D3 Array: OP 62

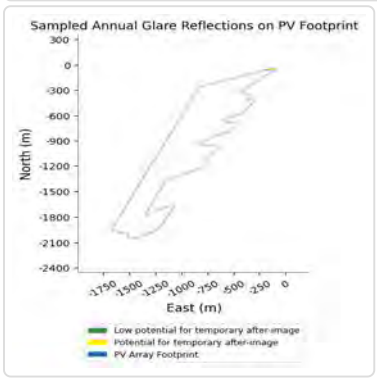
PV array is expected to produce the following glare for this receptor:

- 1,192 minutes of "green" glare with low potential to cause temporary after-image.
- 3,344 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 63

No glare found

Field D3 Array: OP 64

No glare found

Field D3 Array: OP 65

No glare found

Field D3 Array: OP 66

No glare found

Field D3 Array: OP 67

No glare found

Field D3 Array: OP 68

No glare found

Field D3 Array: OP 69

No glare found

Field D5 Array potential temporary after-image

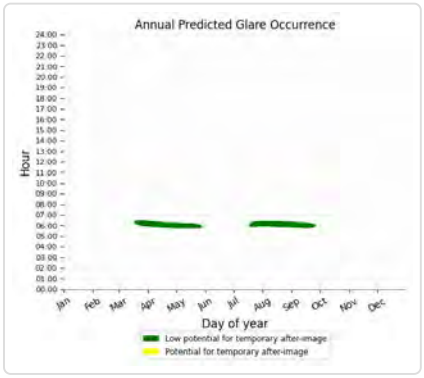
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1638	0
OP: OP 2	971	0
OP: OP 3	576	0
OP: OP 4	145	0
OP: OP 5	0	0
OP: OP 6	219	0
OP: OP 7	227	0
OP: OP 8	1831	389
OP: OP 9	1978	545
OP: OP 10	1883	739
OP: OP 11	1741	289
OP: OP 12	1068	55
OP: OP 13	774	0
OP: OP 14	90	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0

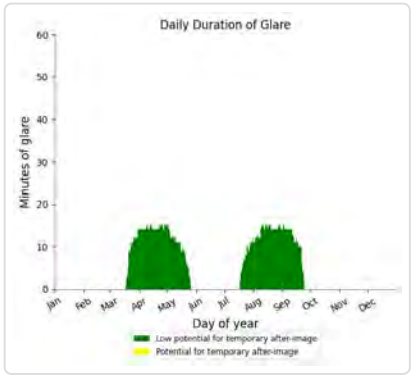
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	1631	360
OP: OP 37	1184	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	918	0
OP: OP 42	1152	199
OP: OP 43	813	2775
OP: OP 44	717	2636
OP: OP 45	478	2123
OP: OP 46	993	1418
OP: OP 47	25	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

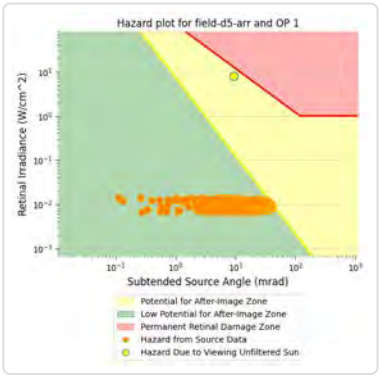
Field D5 Array: OP 1

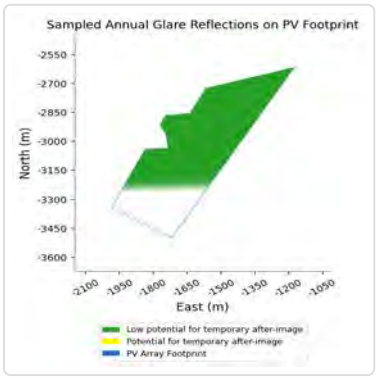
PV array is expected to produce the following glare for this receptor:

- 1,638 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





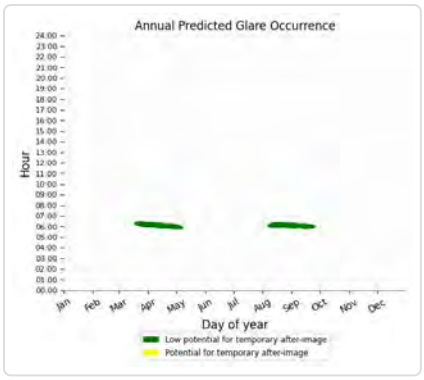


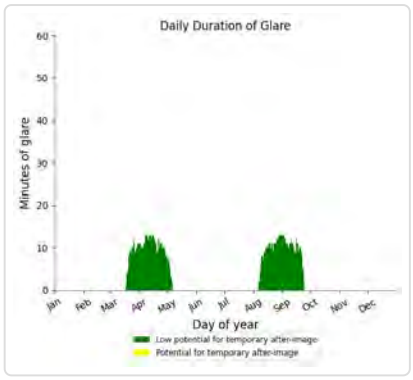


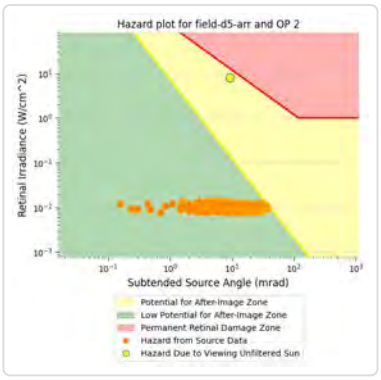
Field D5 Array: OP 2

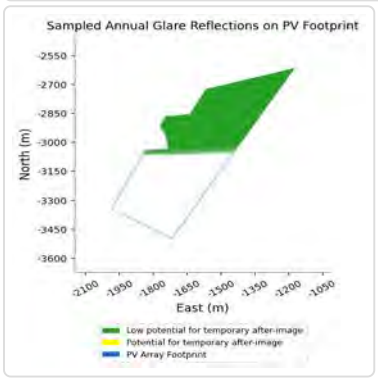
PV array is expected to produce the following glare for this receptor:

- 971 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





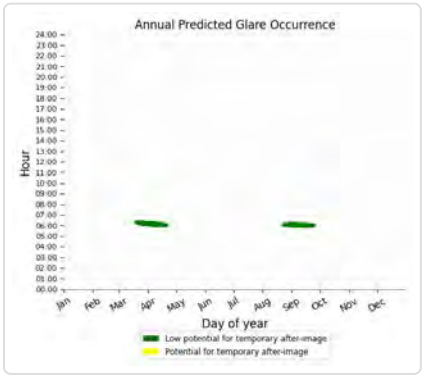


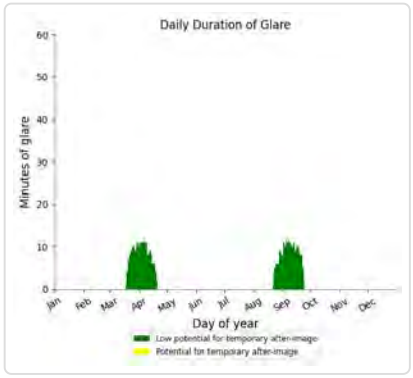


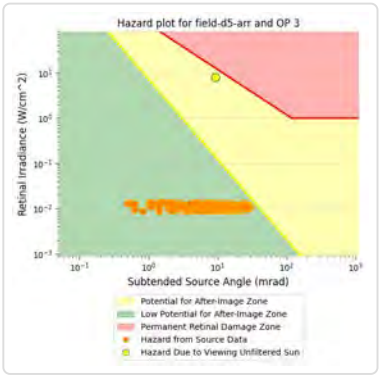
Field D5 Array: OP 3

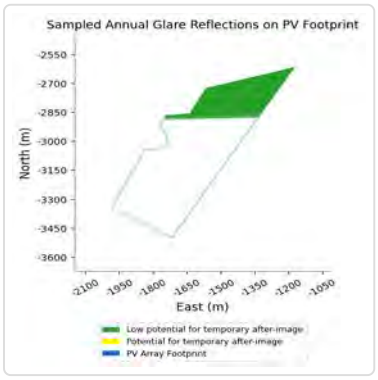
PV array is expected to produce the following glare for this receptor:

- 576 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





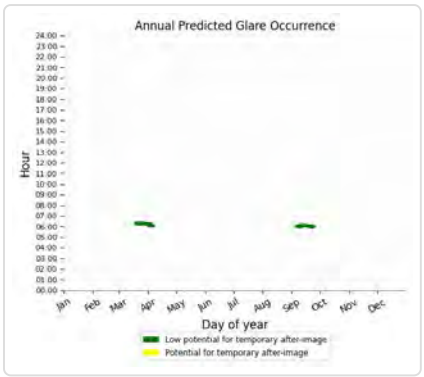


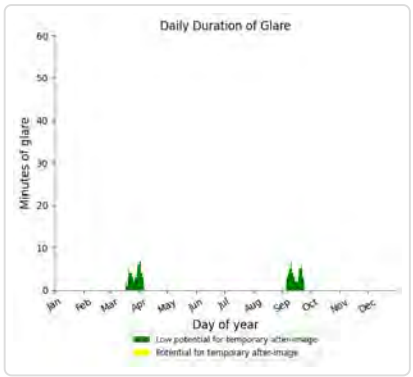


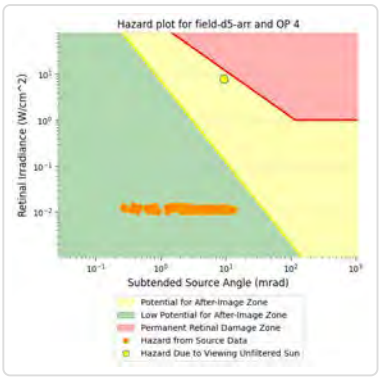
Field D5 Array: OP 4

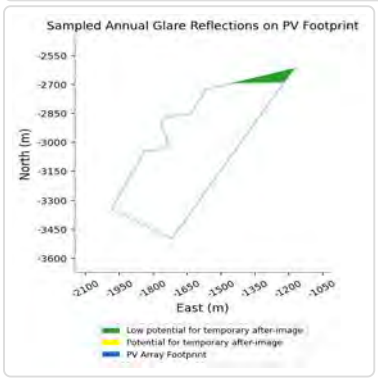
PV array is expected to produce the following glare for this receptor:

- 145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









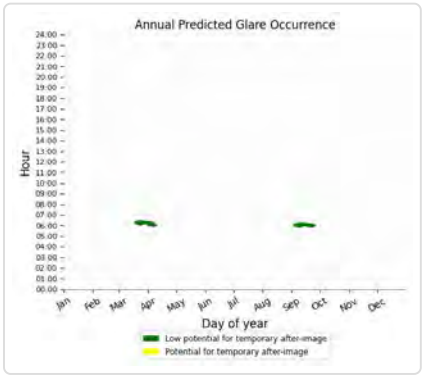
Field D5 Array: OP 5

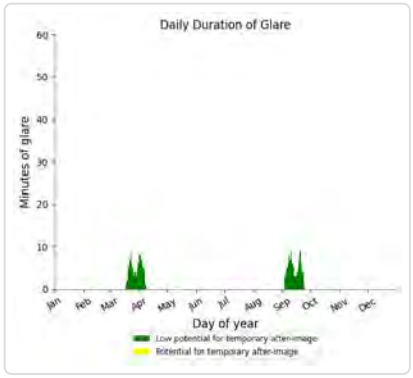
No glare found

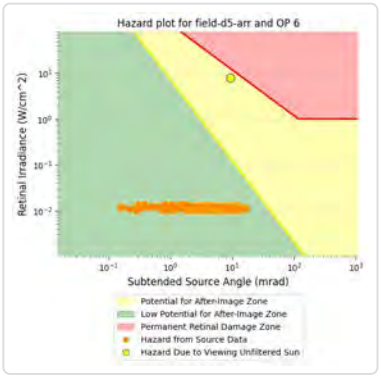
Field D5 Array: OP 6

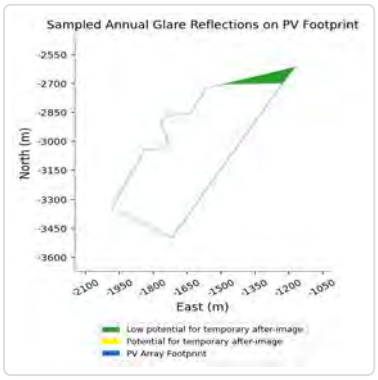
PV array is expected to produce the following glare for this receptor:

- 219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





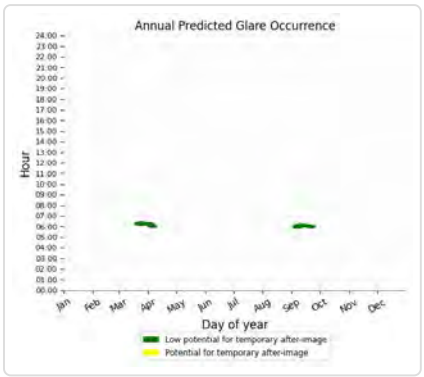


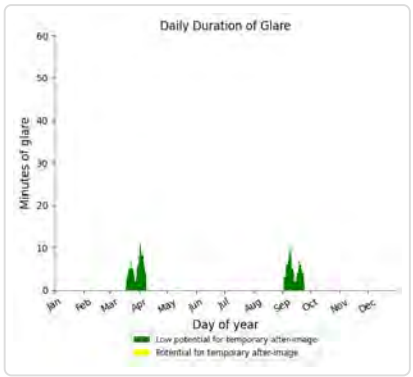


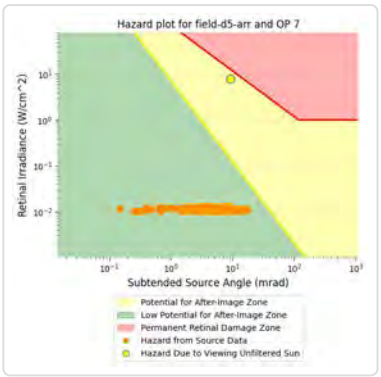
Field D5 Array: OP 7

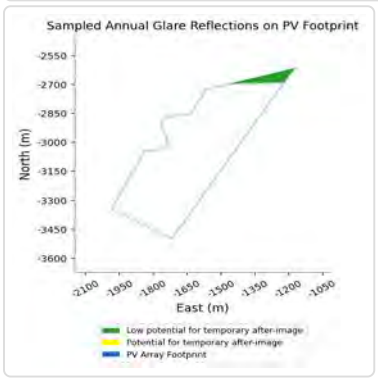
PV array is expected to produce the following glare for this receptor:

- 227 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





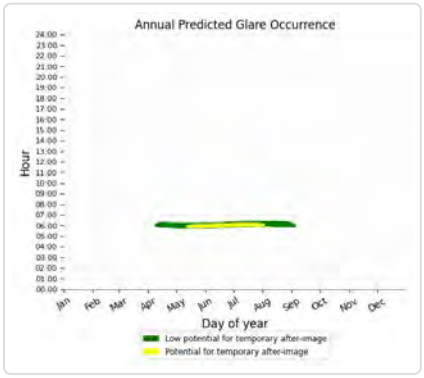


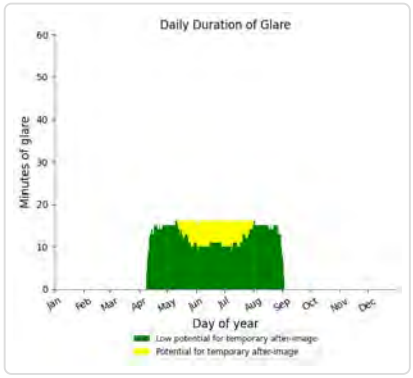


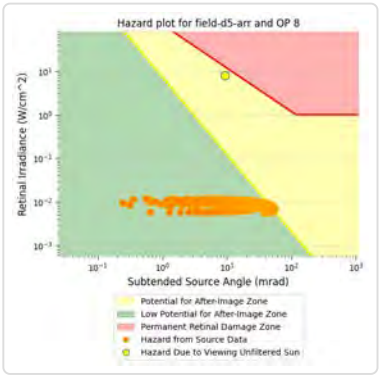
Field D5 Array: OP 8

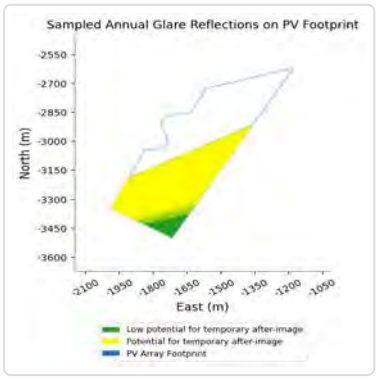
PV array is expected to produce the following glare for this receptor:

- 1,831 minutes of "green" glare with low potential to cause temporary after-image.
- 389 minutes of "yellow" glare with potential to cause temporary after-image.





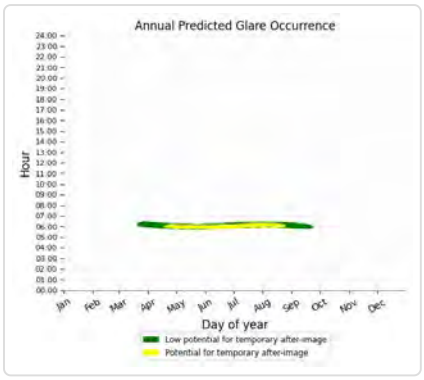


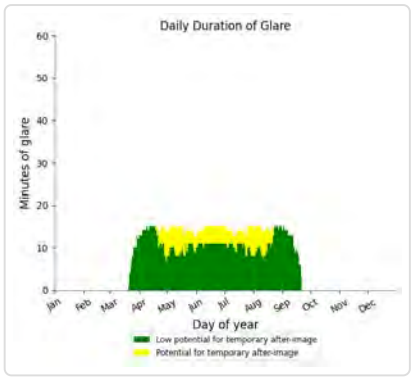


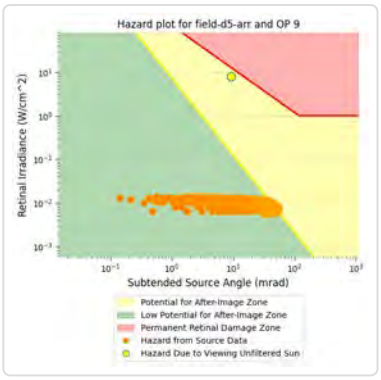
Field D5 Array: OP 9

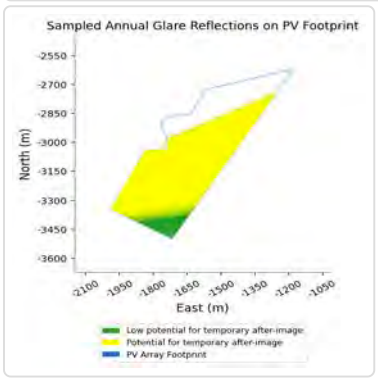
PV array is expected to produce the following glare for this receptor:

- 1,978 minutes of "green" glare with low potential to cause temporary after-image.
- 545 minutes of "yellow" glare with potential to cause temporary after-image.





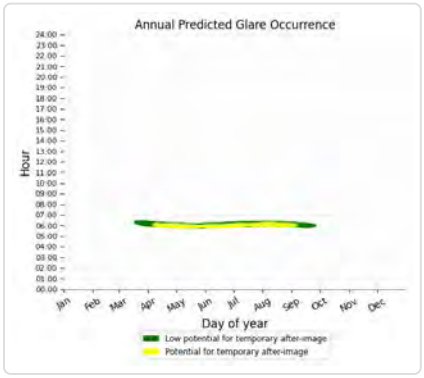


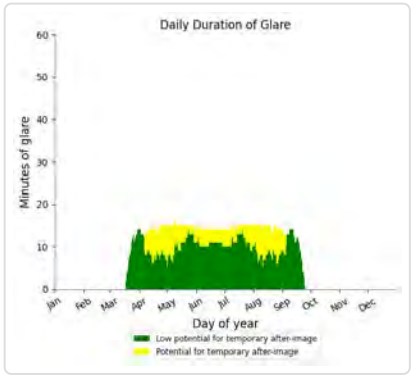


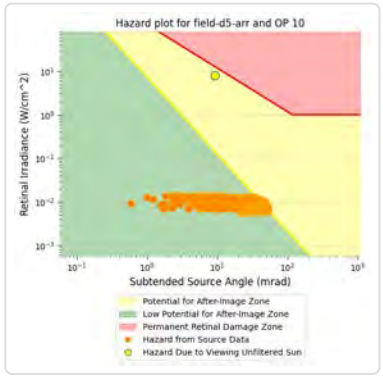
Field D5 Array: OP 10

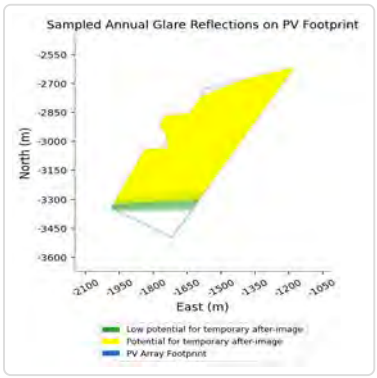
PV array is expected to produce the following glare for this receptor:

- 1,883 minutes of "green" glare with low potential to cause temporary after-image.
- 739 minutes of "yellow" glare with potential to cause temporary after-image.





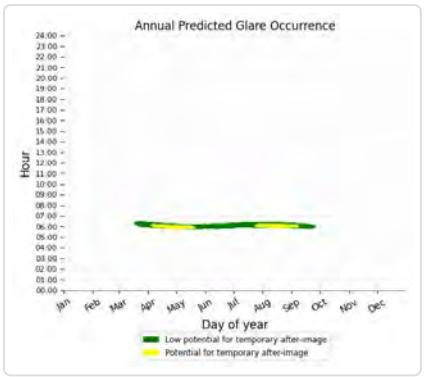


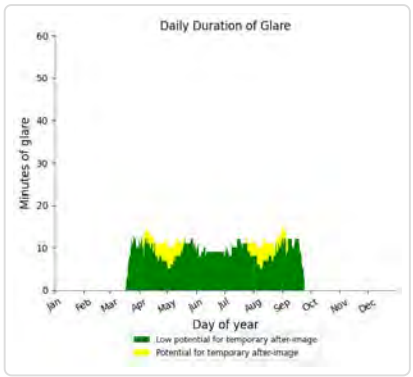


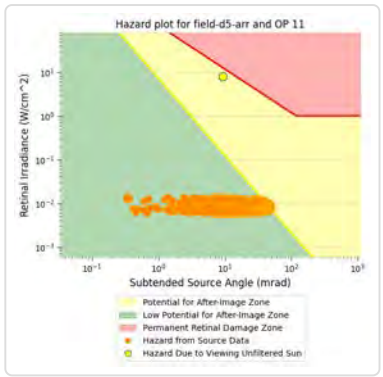
Field D5 Array: OP 11

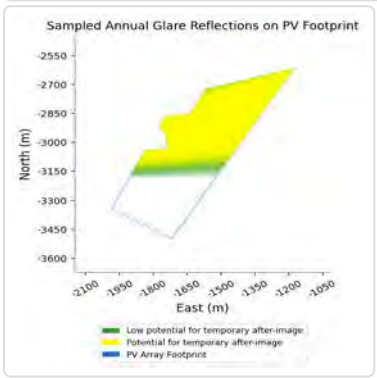
PV array is expected to produce the following glare for this receptor:

- 1,741 minutes of "green" glare with low potential to cause temporary after-image.
- 289 minutes of "yellow" glare with potential to cause temporary after-image.





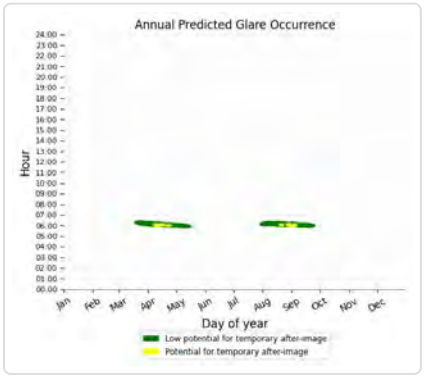


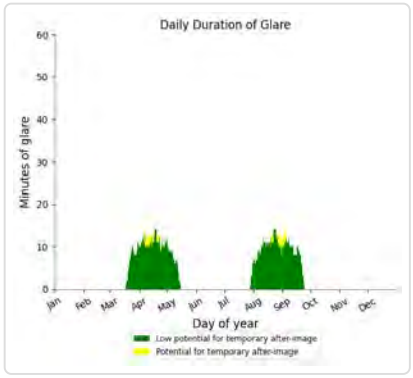


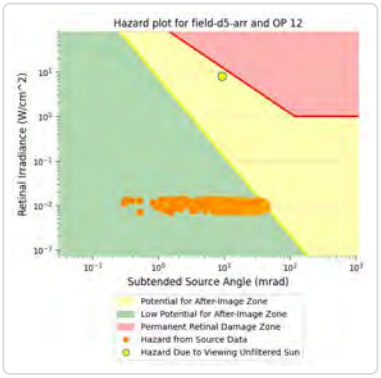
Field D5 Array: OP 12

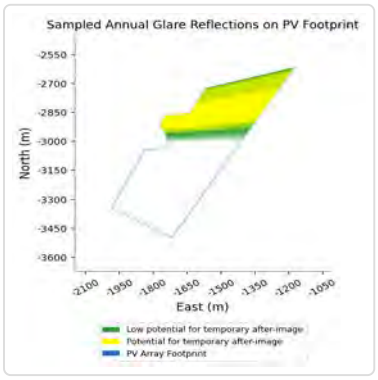
PV array is expected to produce the following glare for this receptor:

- 1,068 minutes of "green" glare with low potential to cause temporary after-image.
- 55 minutes of "yellow" glare with potential to cause temporary after-image.





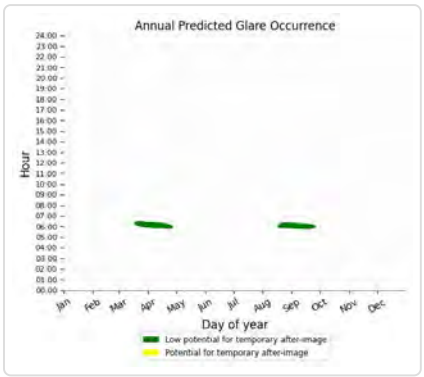


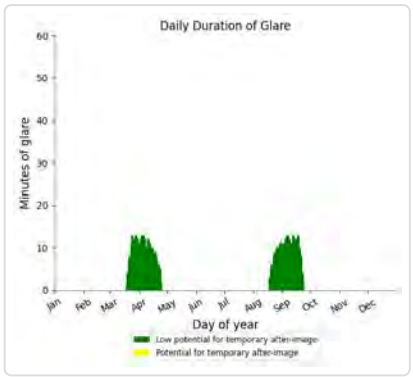


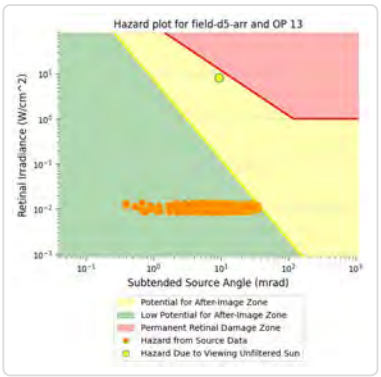
Field D5 Array: OP 13

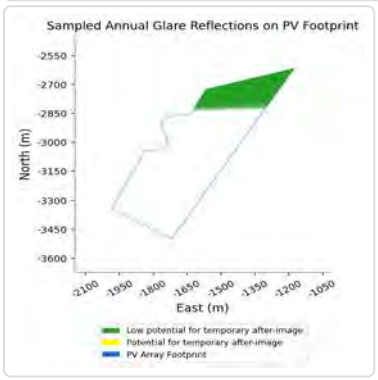
PV array is expected to produce the following glare for this receptor:

- 774 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





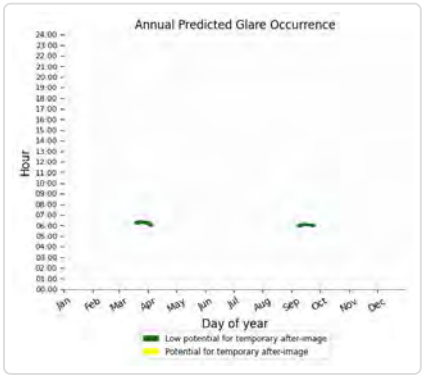


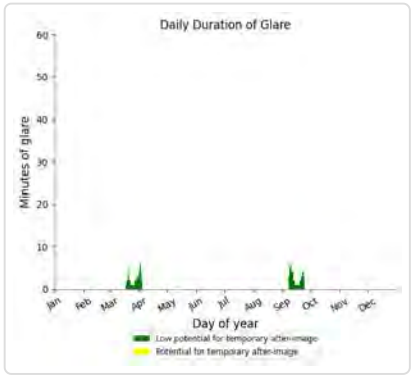


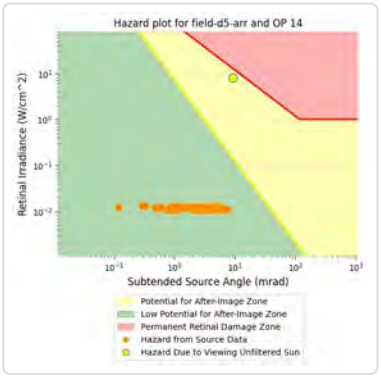
Field D5 Array: OP 14

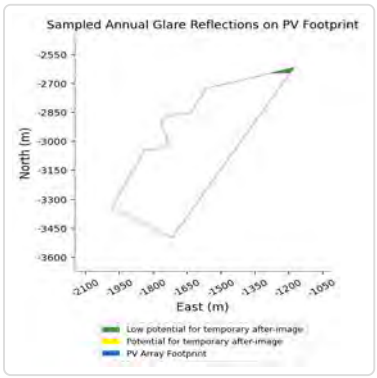
PV array is expected to produce the following glare for this receptor:

- 90 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 15

No glare found

Field D5 Array: OP 16

No glare found

Field D5 Array: OP 17

No glare found

Field D5 Array: OP 18

No glare found

Field D5 Array: OP 19

No glare found

Field D5 Array: OP 20

No glare found

Field D5 Array: OP 21

No glare found

Field D5 Array: OP 22

No glare found

Field D5 Array: OP 23

No glare found

Field D5 Array: OP 24

No glare found

Field D5 Array: OP 25

No glare found

Field D5 Array: OP 26

No glare found

Field D5 Array: OP 27

No glare found

Field D5 Array: OP 28

No glare found

Field D5 Array: OP 29

No glare found

Field D5 Array: OP 30

No glare found

Field D5 Array: OP 31

No glare found

Field D5 Array: OP 32

No glare found

Field D5 Array: OP 33

No glare found

Field D5 Array: OP 34

No glare found

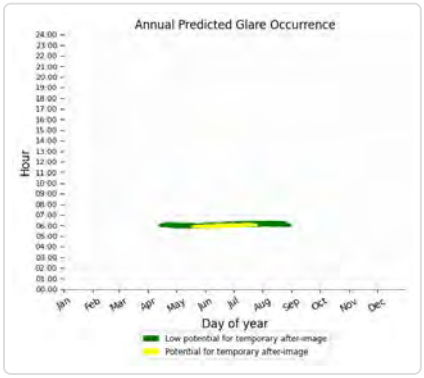
Field D5 Array: OP 35

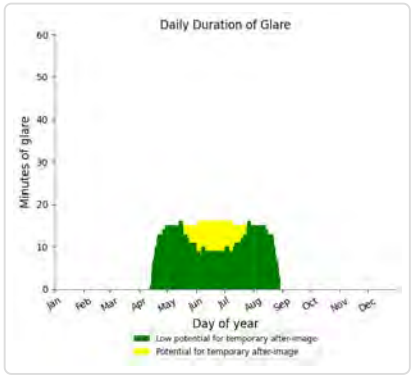
No glare found

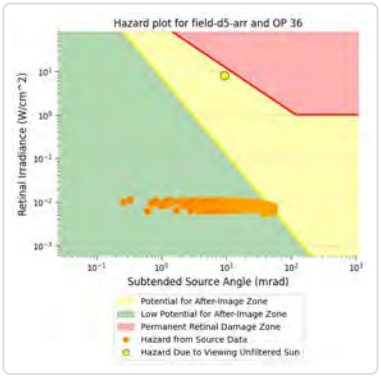
Field D5 Array: OP 36

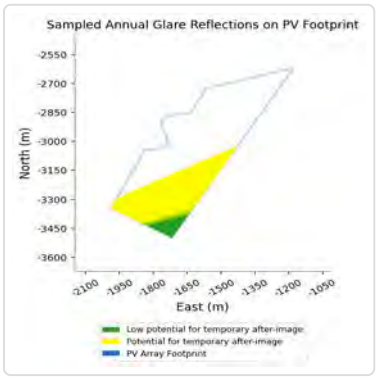
PV array is expected to produce the following glare for this receptor:

- 1,631 minutes of "green" glare with low potential to cause temporary after-image.
- 360 minutes of "yellow" glare with potential to cause temporary after-image.





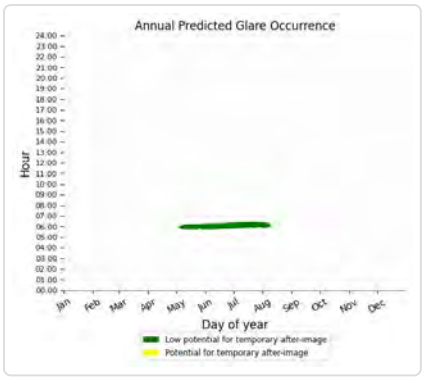




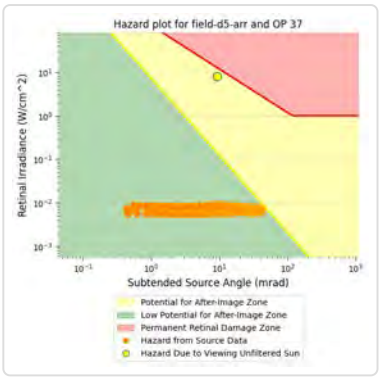
Field D5 Array: OP 37

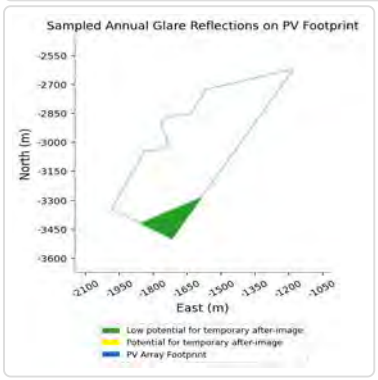
PV array is expected to produce the following glare for this receptor:

- 1,184 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 38

No glare found

Field D5 Array: OP 39

No glare found

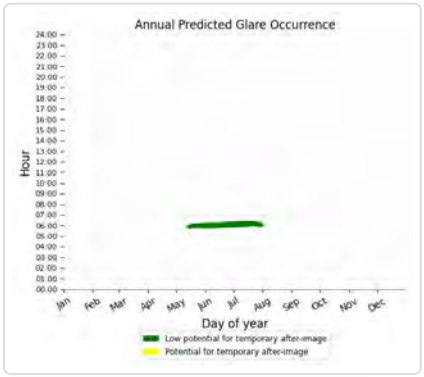
Field D5 Array: OP 40

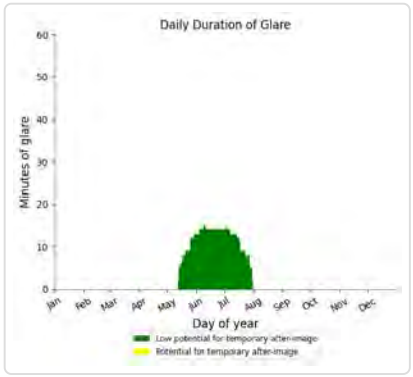
No glare found

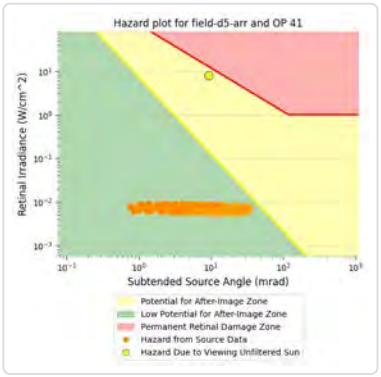
Field D5 Array: OP 41

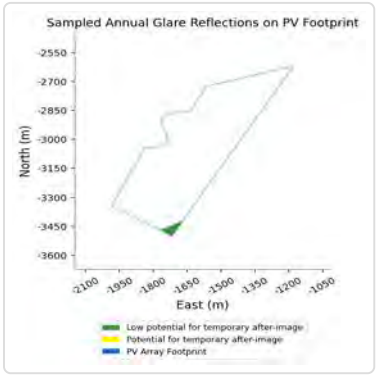
PV array is expected to produce the following glare for this receptor:

- 918 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





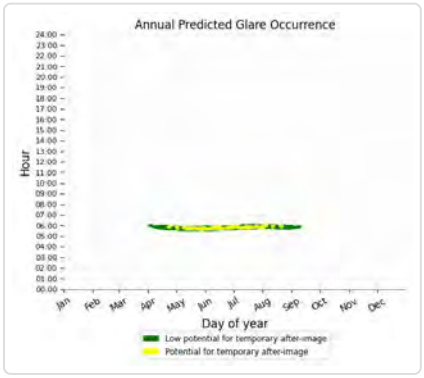


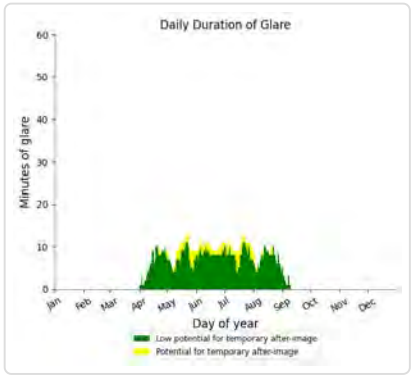


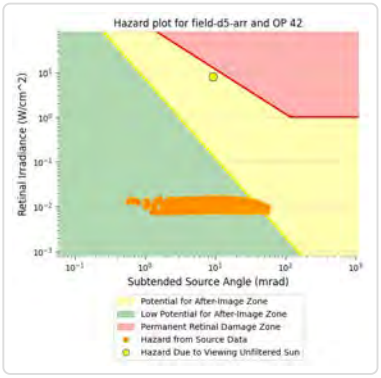
Field D5 Array: OP 42

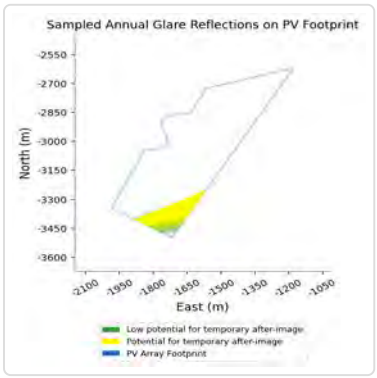
PV array is expected to produce the following glare for this receptor:

- 1,152 minutes of "green" glare with low potential to cause temporary after-image.
- 199 minutes of "yellow" glare with potential to cause temporary after-image.





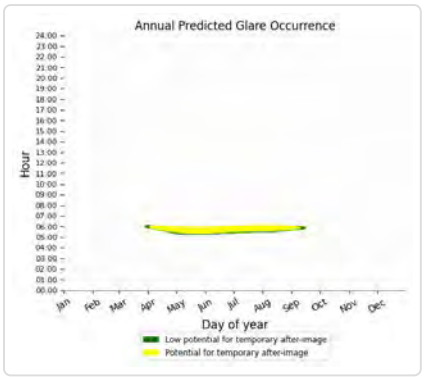


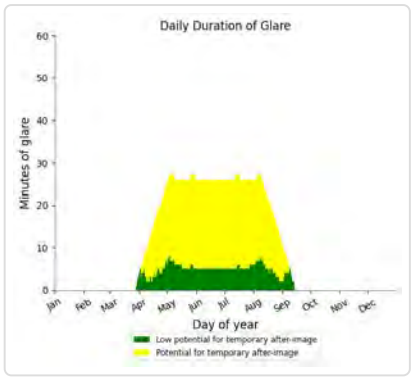


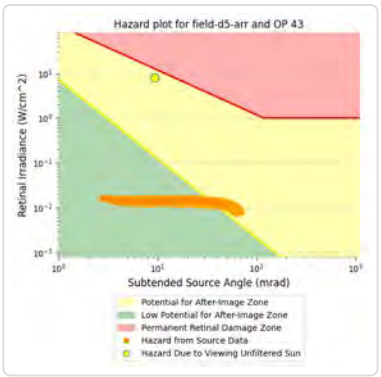
Field D5 Array: OP 43

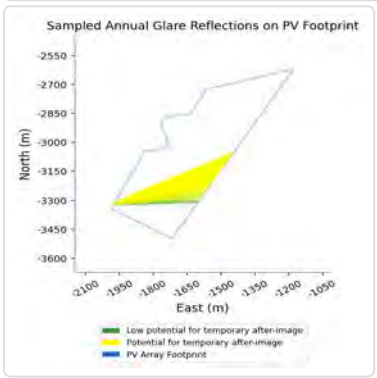
PV array is expected to produce the following glare for this receptor:

- 813 minutes of "green" glare with low potential to cause temporary after-image.
- 2,775 minutes of "yellow" glare with potential to cause temporary after-image.





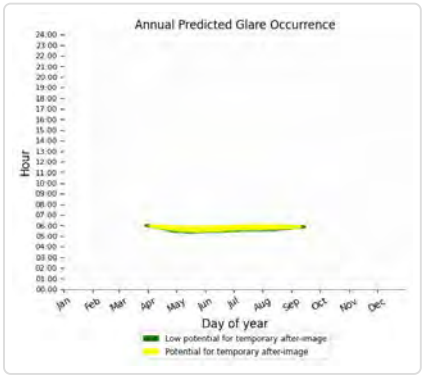


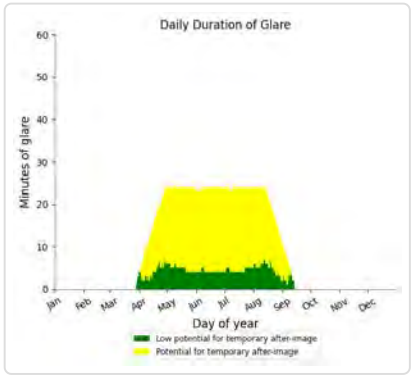


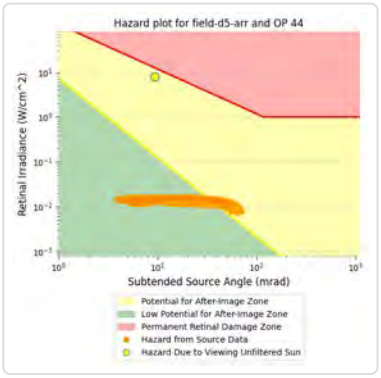
Field D5 Array: OP 44

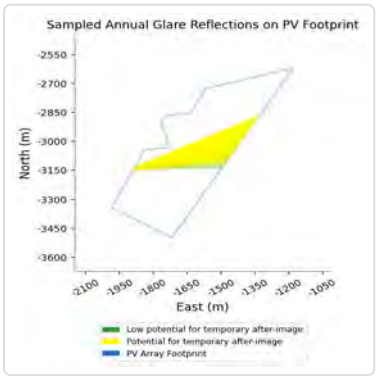
PV array is expected to produce the following glare for this receptor:

- 717 minutes of "green" glare with low potential to cause temporary after-image.
- 2,636 minutes of "yellow" glare with potential to cause temporary after-image.





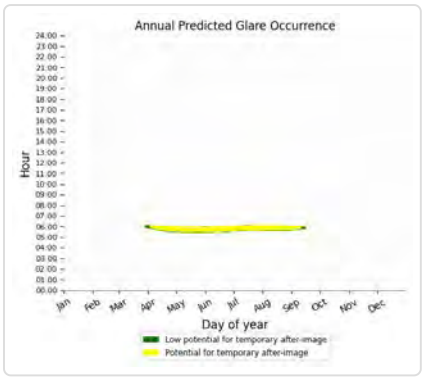


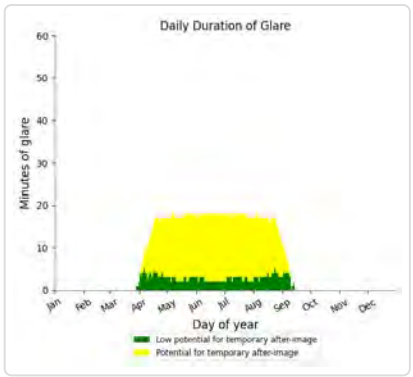


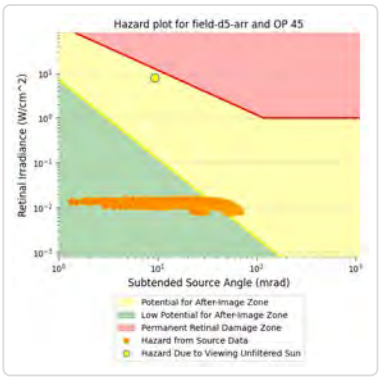
Field D5 Array: OP 45

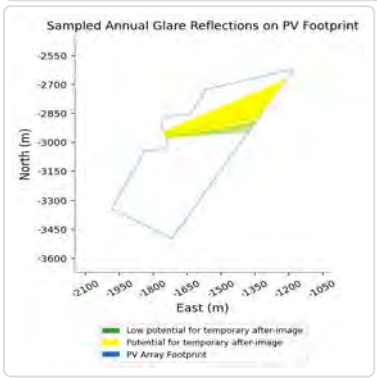
PV array is expected to produce the following glare for this receptor:

- 478 minutes of "green" glare with low potential to cause temporary after-image.
- 2,123 minutes of "yellow" glare with potential to cause temporary after-image.





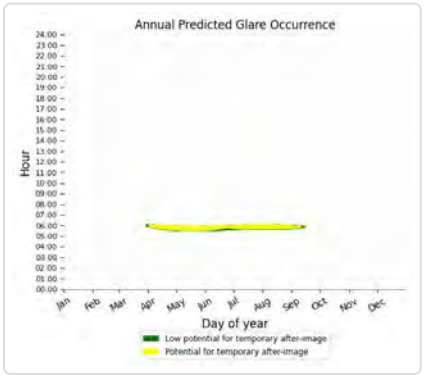


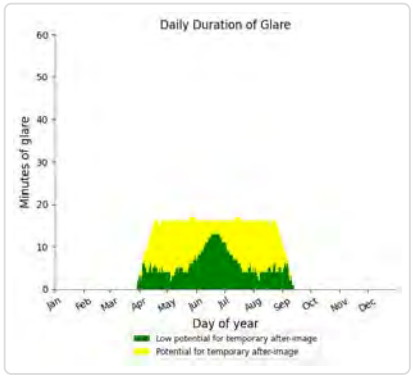


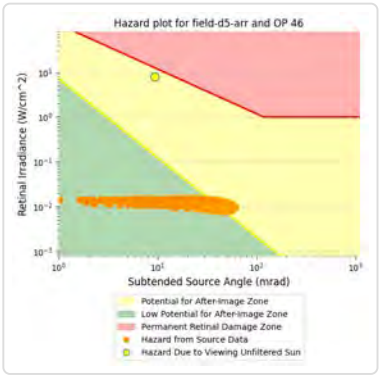
Field D5 Array: OP 46

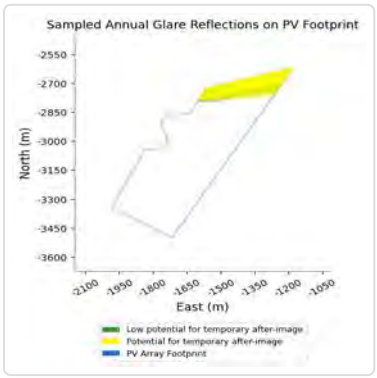
PV array is expected to produce the following glare for this receptor:

- 993 minutes of "green" glare with low potential to cause temporary after-image.
- 1,418 minutes of "yellow" glare with potential to cause temporary after-image.





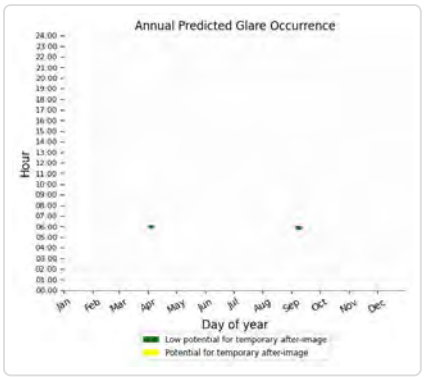


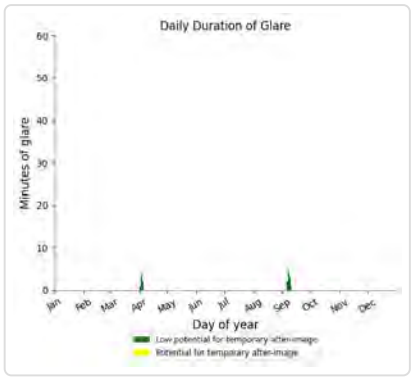


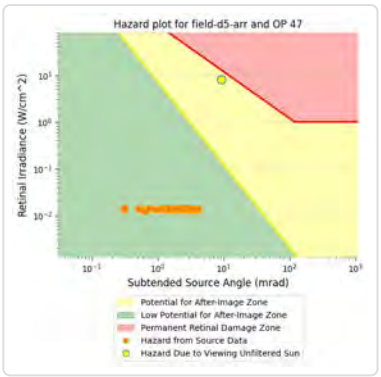
Field D5 Array: OP 47

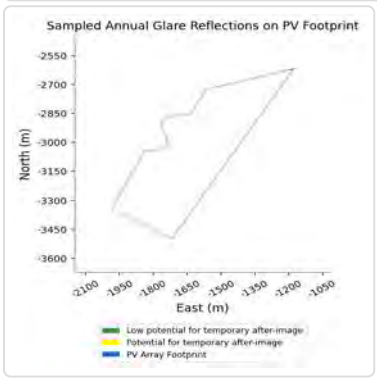
PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 48

No glare found

Field D5 Array: OP 49

No glare found

Field D5 Array: OP 50

No glare found

Field D5 Array: OP 51

No glare found

Field D5 Array: OP 52

No glare found

Field D5 Array: OP 53

No glare found

Field D5 Array: OP 54

No glare found

Field D5 Array: OP 55

No glare found

Field D5 Array: OP 56

No glare found

Field D5 Array: OP 57

No glare found

Field D5 Array: OP 58

No glare found

Field D5 Array: OP 59

No glare found

Field D5 Array: OP 60

No glare found

Field D5 Array: OP 61

No glare found

Field D5 Array: OP 62

No glare found

Field D5 Array: OP 63

No glare found

Field D5 Array: OP 64

No glare found

Field D5 Array: OP 65

No glare found

Field D5 Array: OP 66

No glare found

Field D5 Array: OP 67

No glare found

Field D5 Array: OP 68

No glare found

Field D5 Array: OP 69

No glare found

Field D6 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	1083	4
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	421	0
OP: OP 7	482	8
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	494	0
OP: OP 11	1340	775
OP: OP 12	1477	642
OP: OP 13	1038	313
OP: OP 14	635	10
OP: OP 15	66	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0

OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	1017	1854
OP: OP 45	690	2394
OP: OP 46	606	2327
OP: OP 47	891	3025
OP: OP 48	1004	4009
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

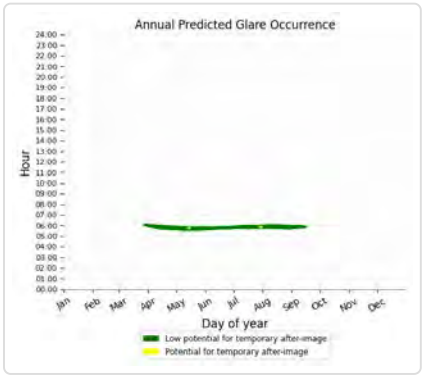
Field D6 Array: OP 1

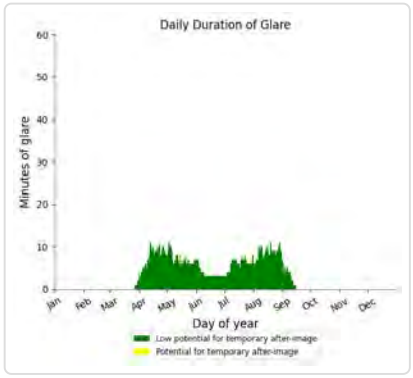
No glare found

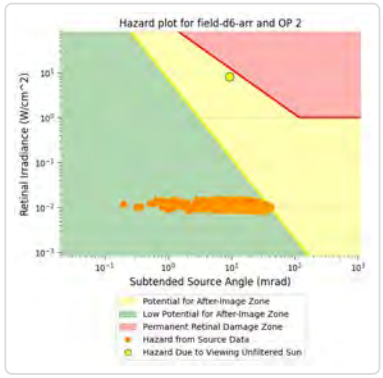
Field D6 Array: OP 2

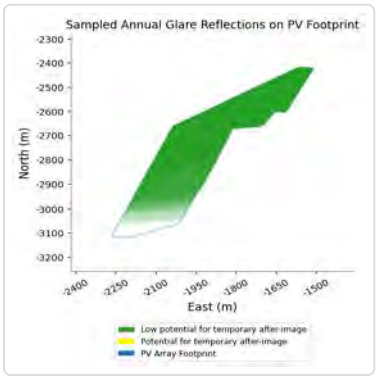
PV array is expected to produce the following glare for this receptor:

- 1,083 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 3

No glare found

Field D6 Array: OP 4

No glare found

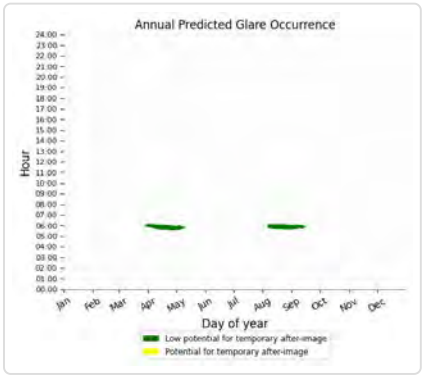
Field D6 Array: OP 5

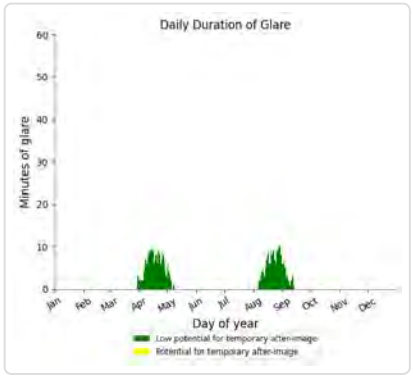
No glare found

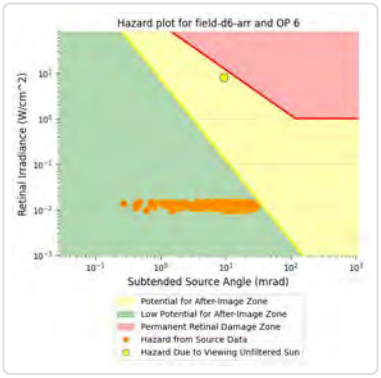
Field D6 Array: OP 6

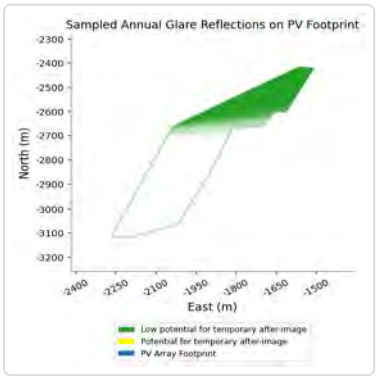
PV array is expected to produce the following glare for this receptor:

- 421 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





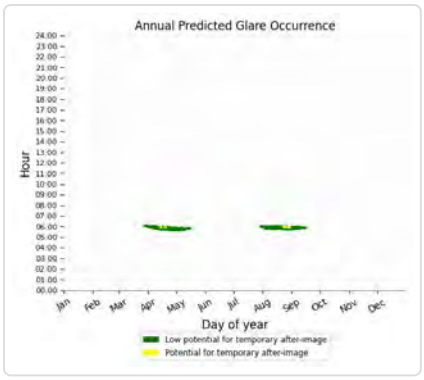


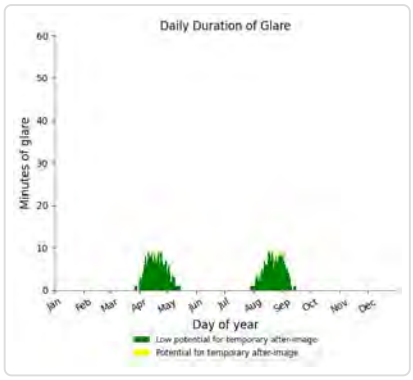


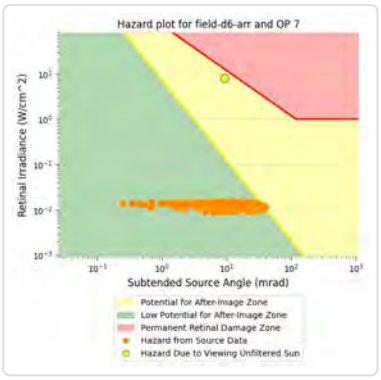
Field D6 Array: OP 7

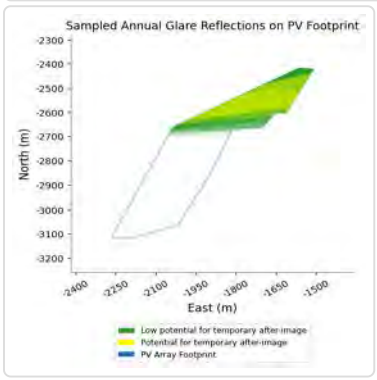
PV array is expected to produce the following glare for this receptor:

- 482 minutes of "green" glare with low potential to cause temporary after-image.
- 8 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 8

No glare found

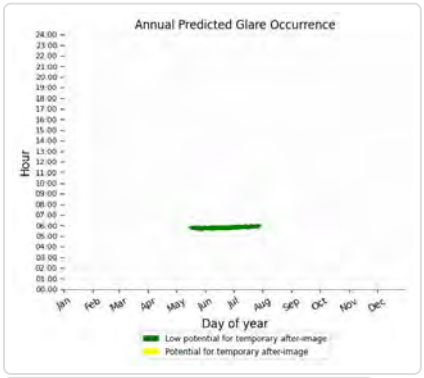
Field D6 Array: OP 9

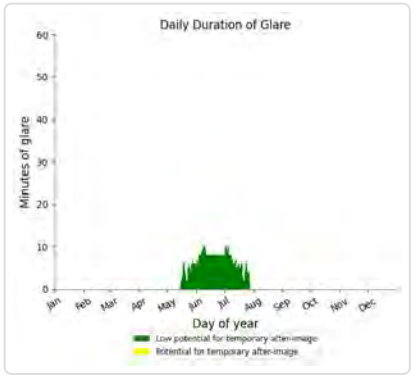
No glare found

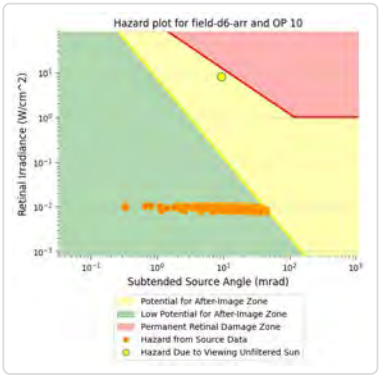
Field D6 Array: OP 10

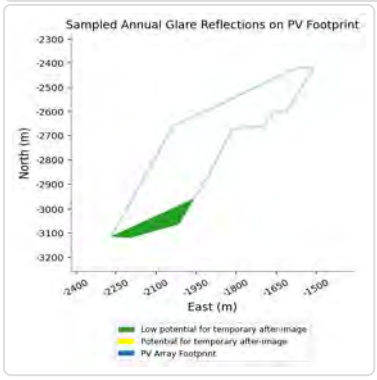
PV array is expected to produce the following glare for this receptor:

- 494 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





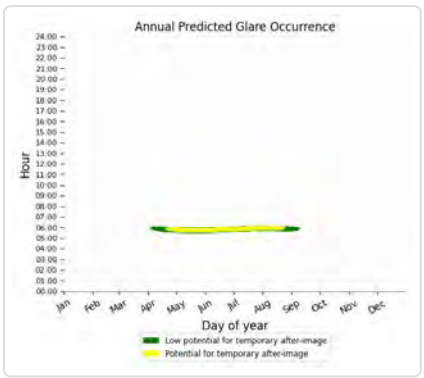


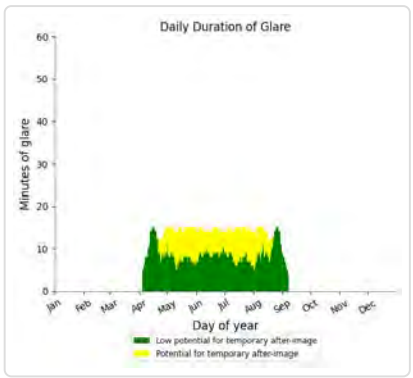


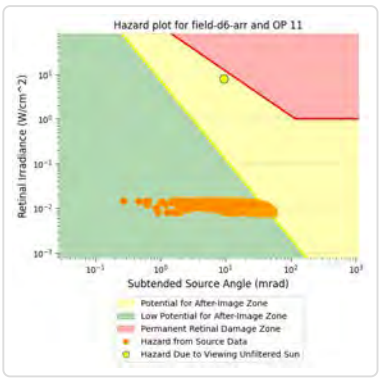
Field D6 Array: OP 11

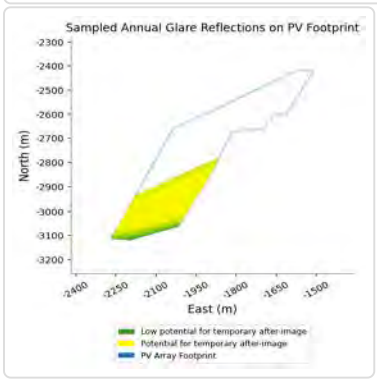
PV array is expected to produce the following glare for this receptor:

- 1,340 minutes of "green" glare with low potential to cause temporary after-image.
- 775 minutes of "yellow" glare with potential to cause temporary after-image.





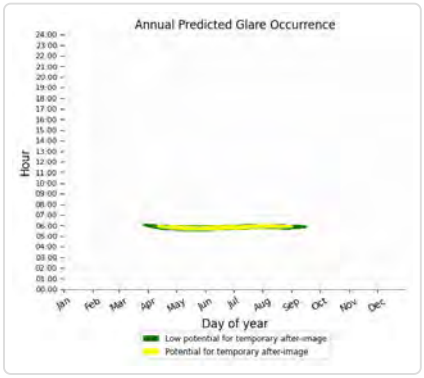


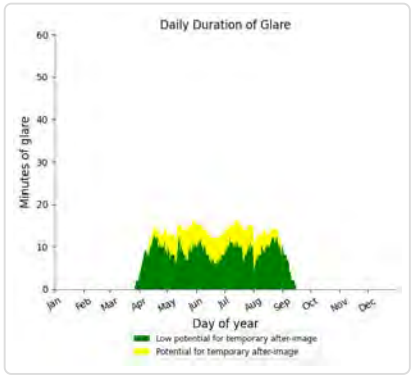


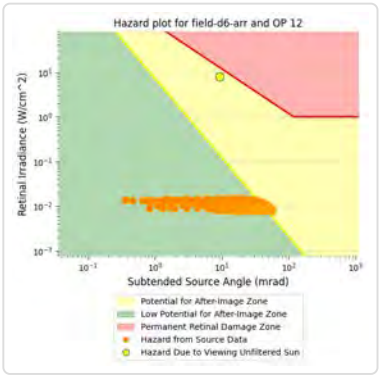
Field D6 Array: OP 12

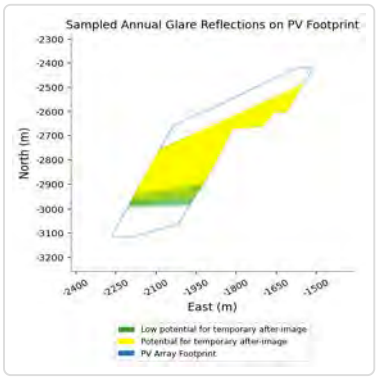
PV array is expected to produce the following glare for this receptor:

- 1,477 minutes of "green" glare with low potential to cause temporary after-image.
- 642 minutes of "yellow" glare with potential to cause temporary after-image.





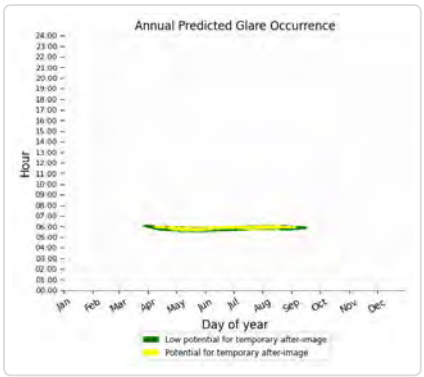


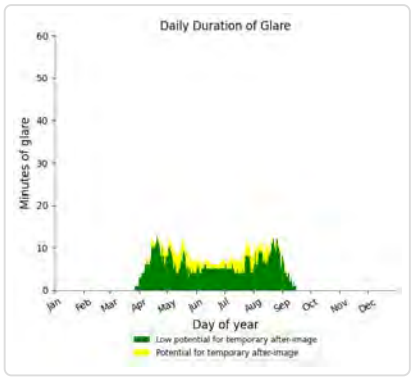


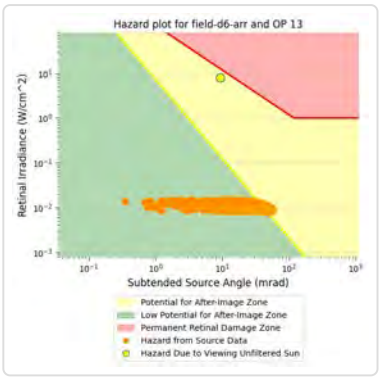
Field D6 Array: OP 13

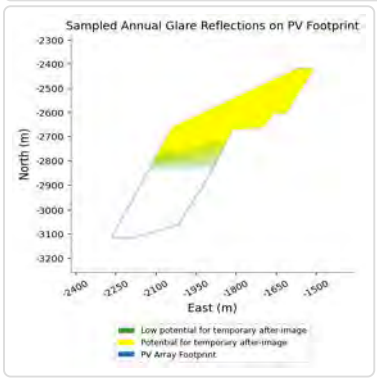
PV array is expected to produce the following glare for this receptor:

- 1,038 minutes of "green" glare with low potential to cause temporary after-image.
- 313 minutes of "yellow" glare with potential to cause temporary after-image.





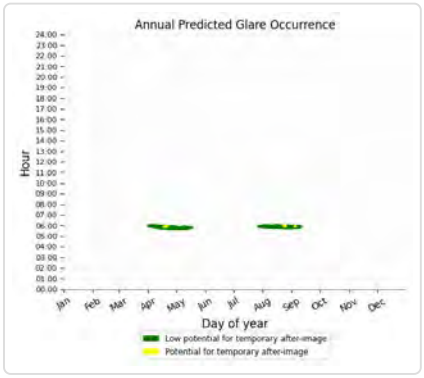


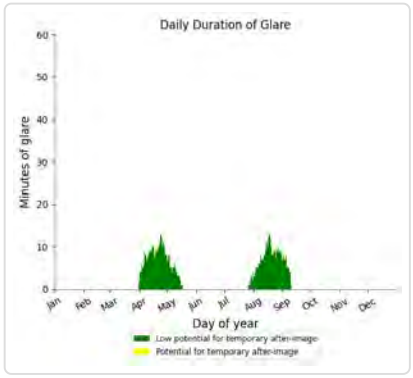


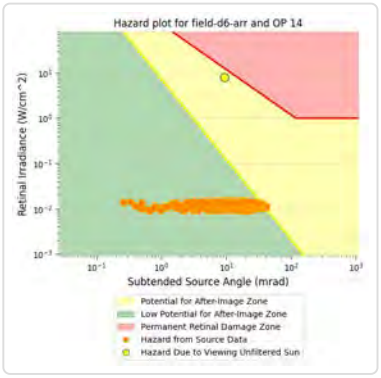
Field D6 Array: OP 14

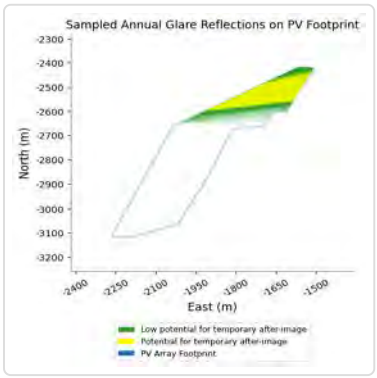
PV array is expected to produce the following glare for this receptor:

- 635 minutes of "green" glare with low potential to cause temporary after-image.
- 10 minutes of "yellow" glare with potential to cause temporary after-image.





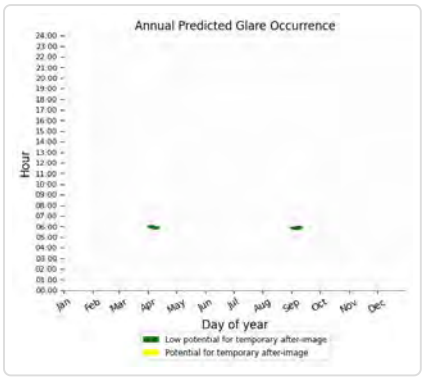


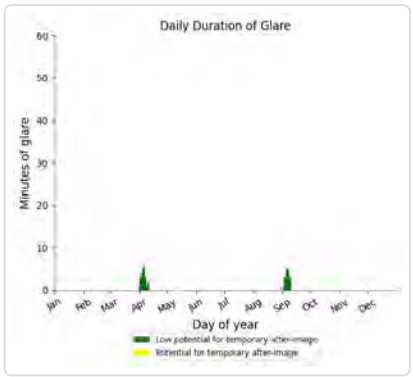


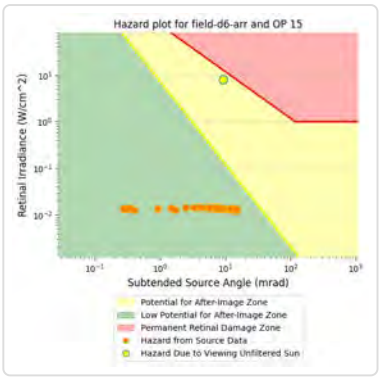
Field D6 Array: OP 15

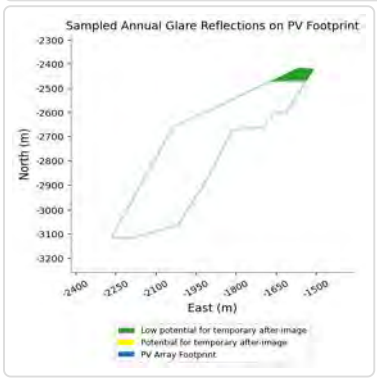
PV array is expected to produce the following glare for this receptor:

- 66 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 16

No glare found

Field D6 Array: OP 17

No glare found

Field D6 Array: OP 18

No glare found

Field D6 Array: OP 19

No glare found

Field D6 Array: OP 20

No glare found

Field D6 Array: OP 21

No glare found

Field D6 Array: OP 22

No glare found

Field D6 Array: OP 23

No glare found

Field D6 Array: OP 24

No glare found

Field D6 Array: OP 25

No glare found

Field D6 Array: OP 26

No glare found

Field D6 Array: OP 27

No glare found

Field D6 Array: OP 28

No glare found

Field D6 Array: OP 29

No glare found

Field D6 Array: OP 30

No glare found

Field D6 Array: OP 31

No glare found

Field D6 Array: OP 32

No glare found

Field D6 Array: OP 33

No glare found

Field D6 Array: OP 34

No glare found

Field D6 Array: OP 35

No glare found

Field D6 Array: OP 36

No glare found

Field D6 Array: OP 37

No glare found

Field D6 Array: OP 38

No glare found

Field D6 Array: OP 39

No glare found

Field D6 Array: OP 40

No glare found

Field D6 Array: OP 41

No glare found

Field D6 Array: OP 42

No glare found

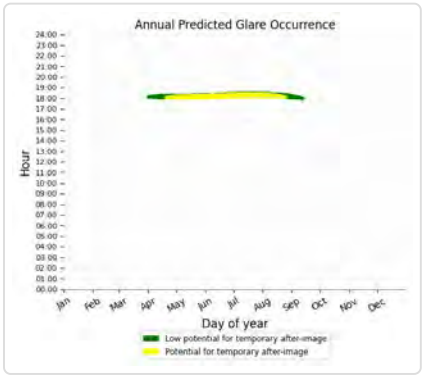
Field D6 Array: OP 43

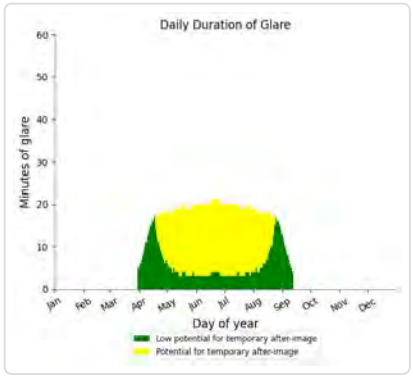
No glare found

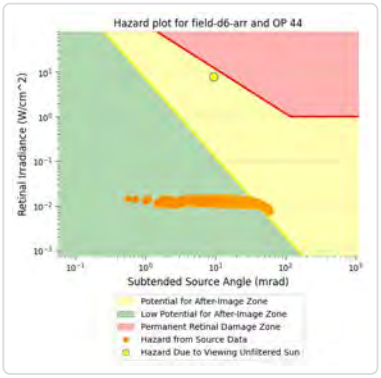
Field D6 Array: OP 44

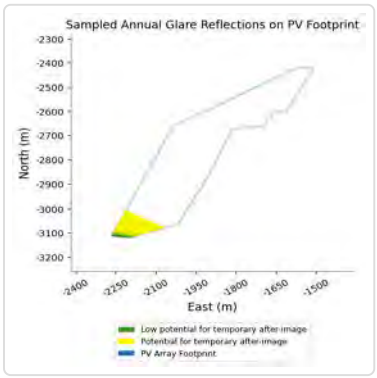
PV array is expected to produce the following glare for this receptor:

- 1,017 minutes of "green" glare with low potential to cause temporary after-image.
- 1,854 minutes of "yellow" glare with potential to cause temporary after-image.





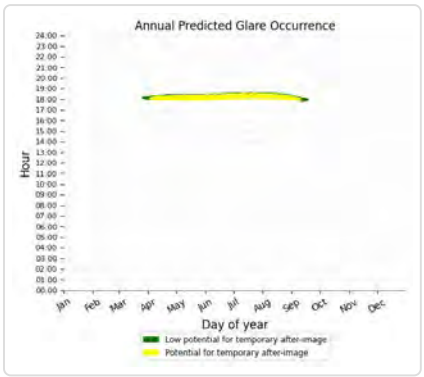


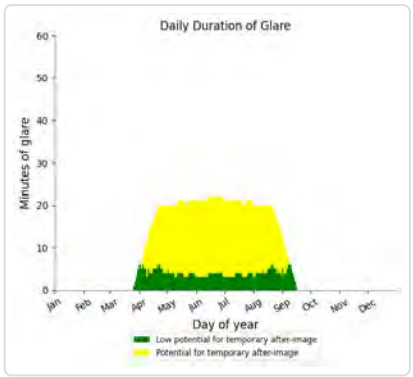


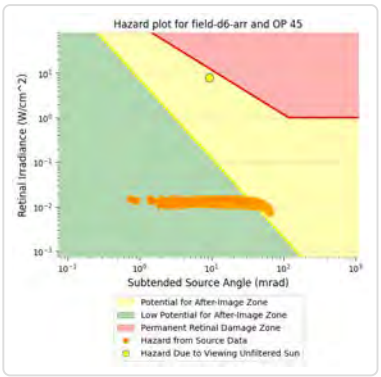
Field D6 Array: OP 45

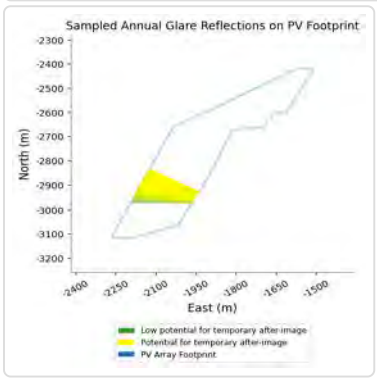
PV array is expected to produce the following glare for this receptor:

- 690 minutes of "green" glare with low potential to cause temporary after-image.
- 2,394 minutes of "yellow" glare with potential to cause temporary after-image.





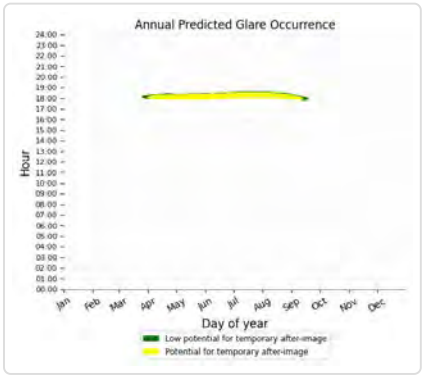


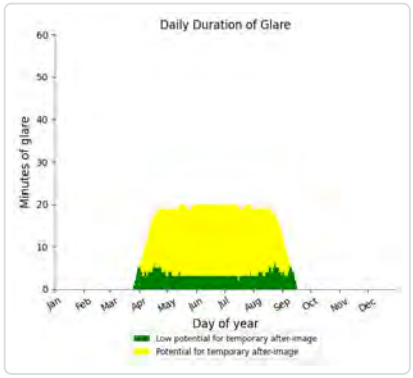


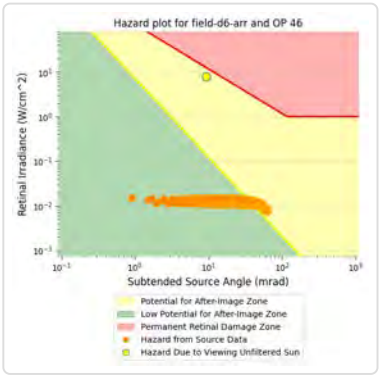
Field D6 Array: OP 46

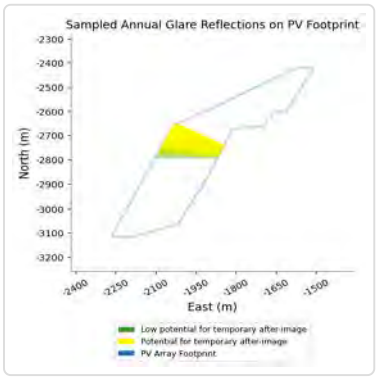
PV array is expected to produce the following glare for this receptor:

- 606 minutes of "green" glare with low potential to cause temporary after-image.
- 2,327 minutes of "yellow" glare with potential to cause temporary after-image.





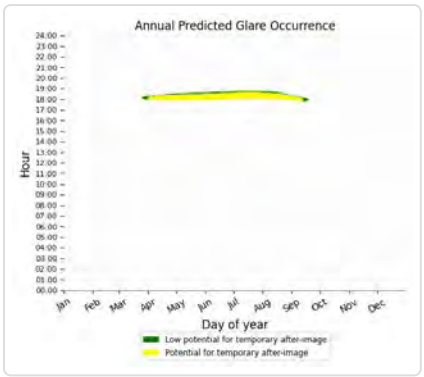


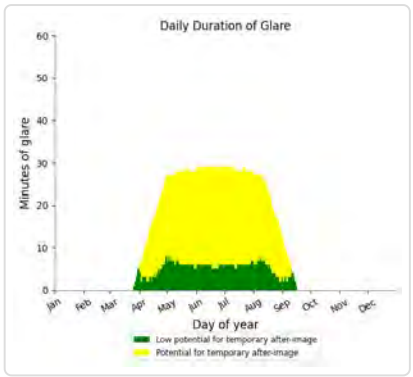


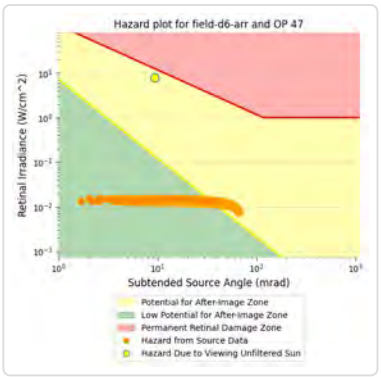
Field D6 Array: OP 47

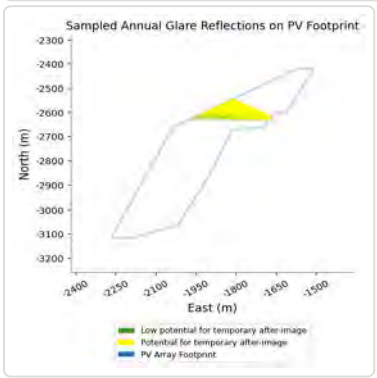
PV array is expected to produce the following glare for this receptor:

- 891 minutes of "green" glare with low potential to cause temporary after-image.
- 3,025 minutes of "yellow" glare with potential to cause temporary after-image.





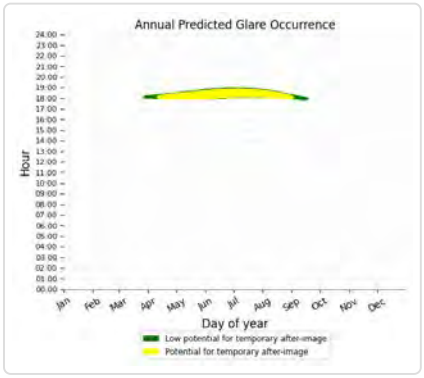


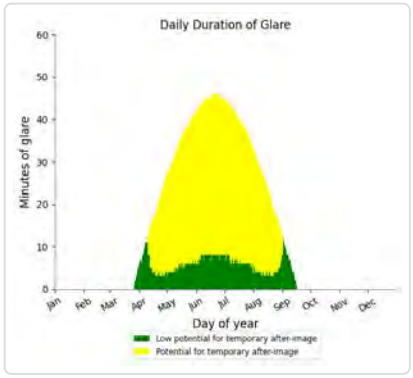


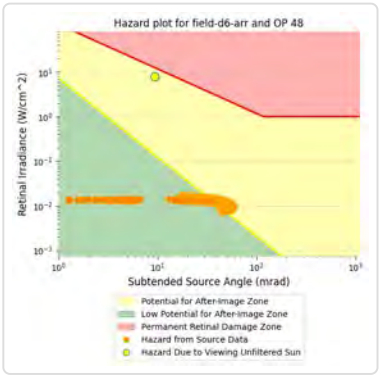
Field D6 Array: OP 48

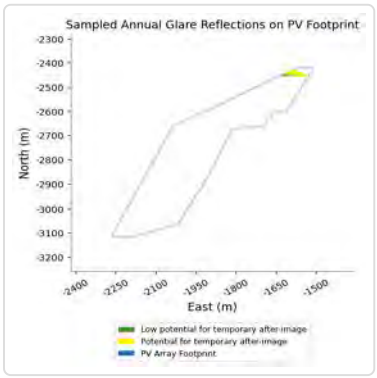
PV array is expected to produce the following glare for this receptor:

- 1,004 minutes of "green" glare with low potential to cause temporary after-image.
- 4,009 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 49

No glare found

Field D6 Array: OP 50

No glare found

Field D6 Array: OP 51

No glare found

Field D6 Array: OP 52

No glare found

Field D6 Array: OP 53

No glare found

Field D6 Array: OP 54

No glare found

Field D6 Array: OP 55

No glare found

Field D6 Array: OP 56

No glare found

Field D6 Array: OP 57

No glare found

Field D6 Array: OP 58

No glare found

Field D6 Array: OP 59

No glare found

Field D6 Array: OP 60

No glare found

Field D6 Array: OP 61

No glare found

Field D6 Array: OP 62

No glare found

Field D6 Array: OP 63

No glare found

Field D6 Array: OP 64

No glare found

Field D6 Array: OP 65

No glare found

Field D6 Array: OP 66

No glare found

Field D6 Array: OP 67

No glare found

Field D6 Array: OP 68

No glare found

Field D6 Array: OP 69

No glare found

Field D7 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	383	0
OP: OP 5	268	0
OP: OP 6	0	0
OP: OP 7	312	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0

OP: OP 11	551	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	482	0
OP: OP 15	24	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	811	240
OP: OP 47	730	2650
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

Field D7 Array: OP 1

No glare found

Field D7 Array: OP 2

No glare found

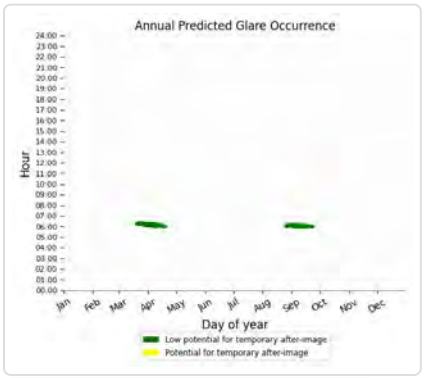
Field D7 Array: OP 3

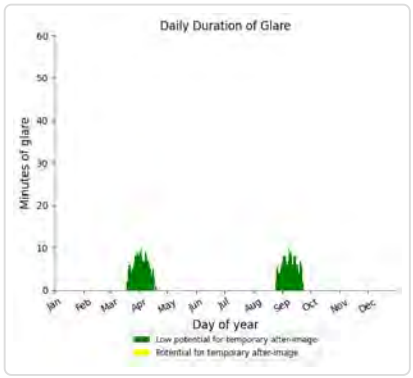
No glare found

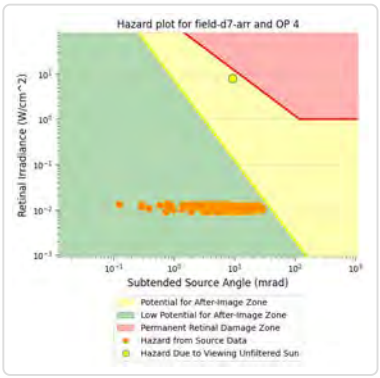
Field D7 Array: OP 4

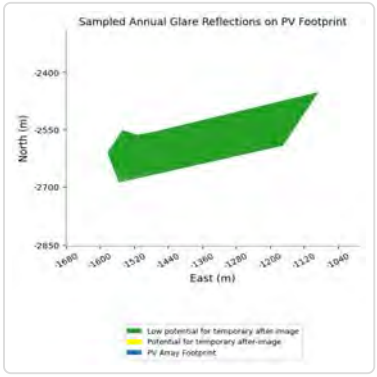
PV array is expected to produce the following glare for this receptor:

- 383 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





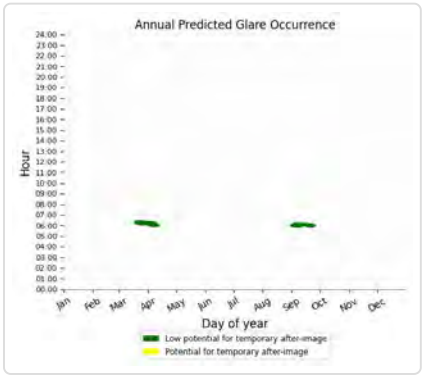


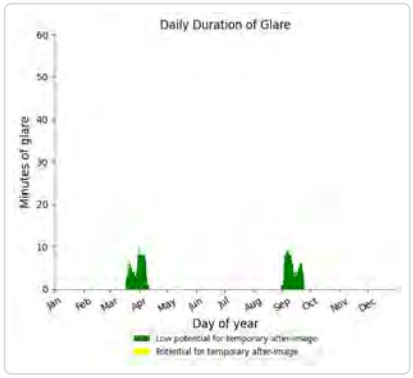


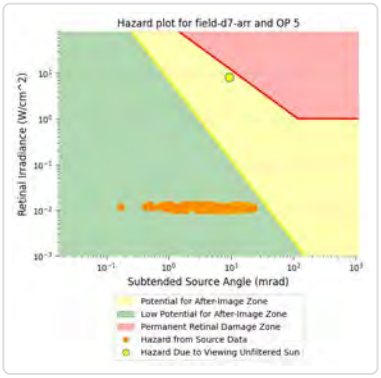
Field D7 Array: OP 5

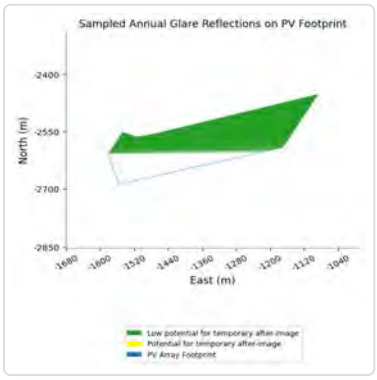
PV array is expected to produce the following glare for this receptor:

- 268 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









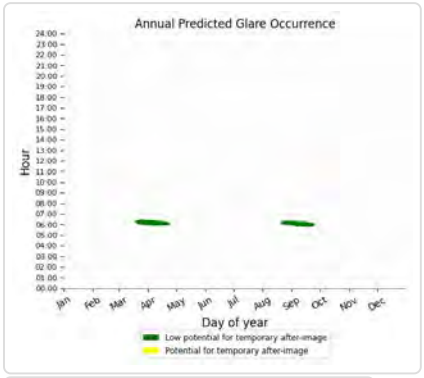
Field D7 Array: OP 6

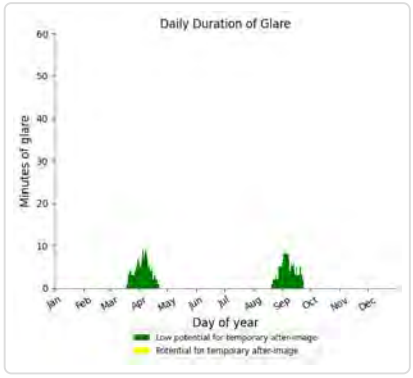
No glare found

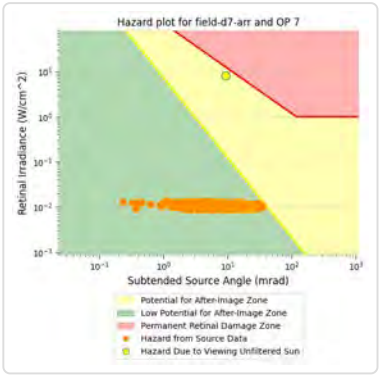
Field D7 Array: OP 7

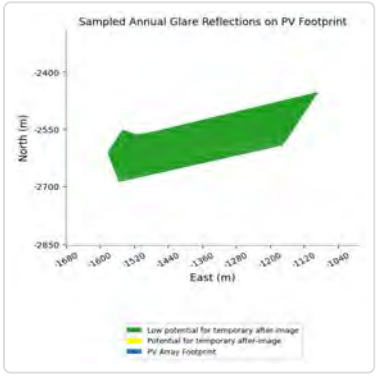
PV array is expected to produce the following glare for this receptor:

- 312 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 8

No glare found

Field D7 Array: OP 9

No glare found

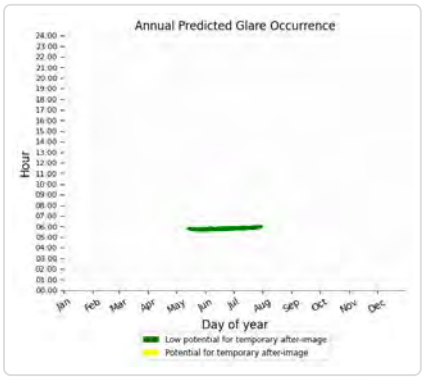
Field D7 Array: OP 10

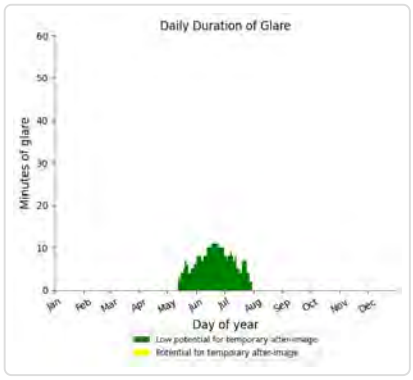
No glare found

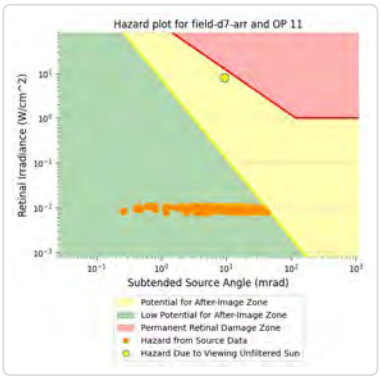
Field D7 Array: OP 11

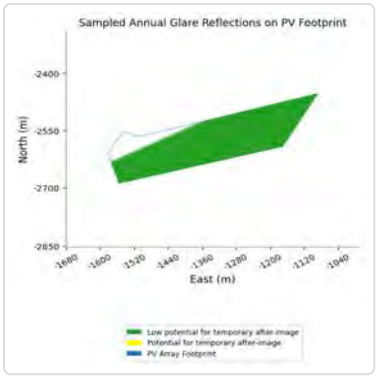
PV array is expected to produce the following glare for this receptor:

- 551 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 12

No glare found

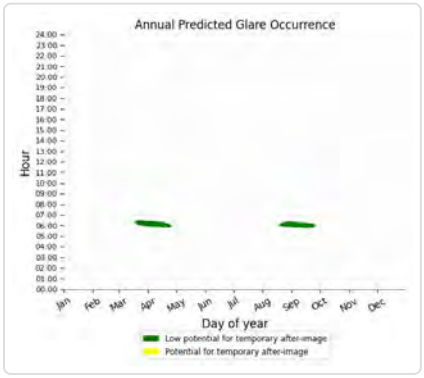
Field D7 Array: OP 13

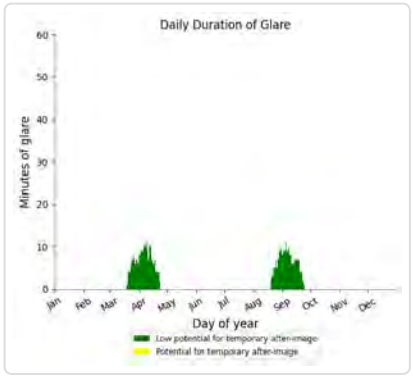
No glare found

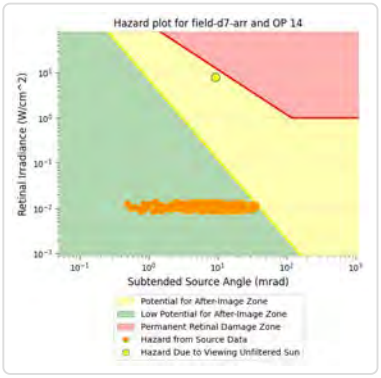
Field D7 Array: OP 14

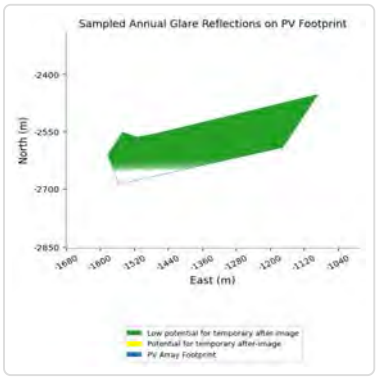
PV array is expected to produce the following glare for this receptor:

- 482 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





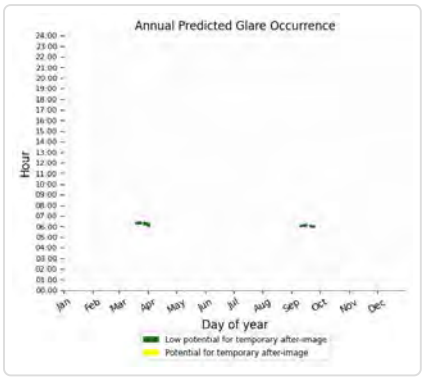




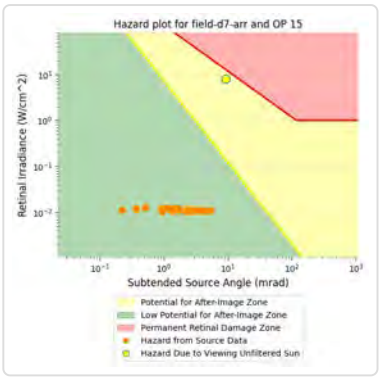
Field D7 Array: OP 15

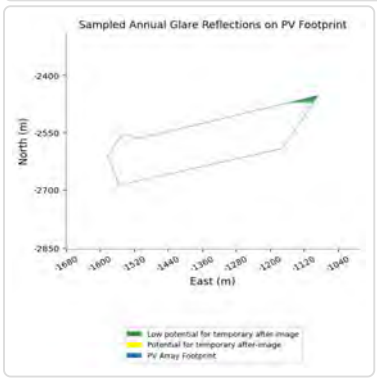
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 16

No glare found

Field D7 Array: OP 17

No glare found

Field D7 Array: OP 18

No glare found

Field D7 Array: OP 19

No glare found

Field D7 Array: OP 20

No glare found

Field D7 Array: OP 21

No glare found

Field D7 Array: OP 22

No glare found

Field D7 Array: OP 23

No glare found

Field D7 Array: OP 24

No glare found

Field D7 Array: OP 25

No glare found

Field D7 Array: OP 26

No glare found

Field D7 Array: OP 27

No glare found

Field D7 Array: OP 28

No glare found

Field D7 Array: OP 29

No glare found

Field D7 Array: OP 30

No glare found

Field D7 Array: OP 31

No glare found

Field D7 Array: OP 32

No glare found

Field D7 Array: OP 33

No glare found

Field D7 Array: OP 34

No glare found

Field D7 Array: OP 35

No glare found

Field D7 Array: OP 36

No glare found

Field D7 Array: OP 37

No glare found

Field D7 Array: OP 38

No glare found

Field D7 Array: OP 39

No glare found

Field D7 Array: OP 40

No glare found

Field D7 Array: OP 41

No glare found

Field D7 Array: OP 42

No glare found

Field D7 Array: OP 43

No glare found

Field D7 Array: OP 44

No glare found

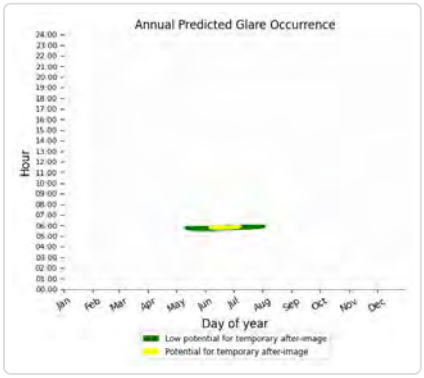
Field D7 Array: OP 45

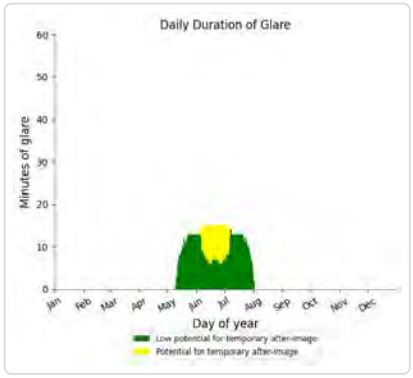
No glare found

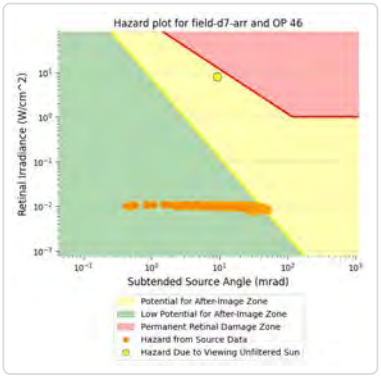
Field D7 Array: OP 46

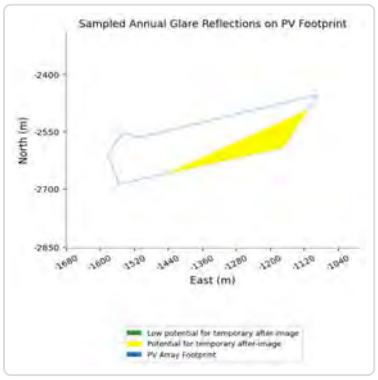
PV array is expected to produce the following glare for this receptor:

- 811 minutes of "green" glare with low potential to cause temporary after-image.
- 240 minutes of "yellow" glare with potential to cause temporary after-image.





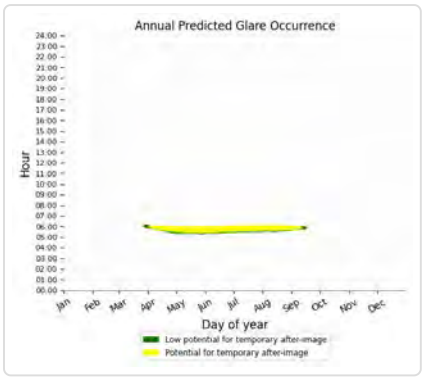


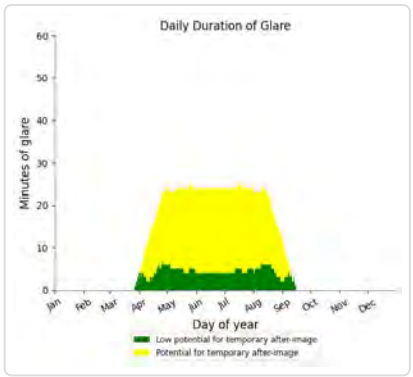


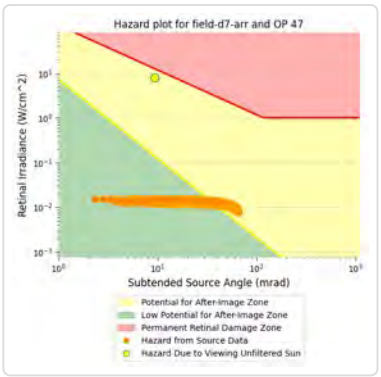
Field D7 Array: OP 47

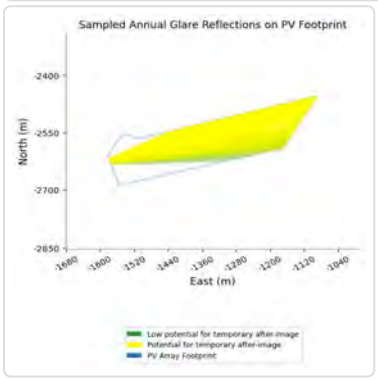
PV array is expected to produce the following glare for this receptor:

- 730 minutes of "green" glare with low potential to cause temporary after-image.
- 2,650 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 48

No glare found

Field D7 Array: OP 49

No glare found

Field D7 Array: OP 50

No glare found

Field D7 Array: OP 51

No glare found

Field D7 Array: OP 52

No glare found

Field D7 Array: OP 53

No glare found

Field D7 Array: OP 54

No glare found

Field D7 Array: OP 55

No glare found

Field D7 Array: OP 56

No glare found

Field D7 Array: OP 57

No glare found

Field D7 Array: OP 58

No glare found

Field D7 Array: OP 59

No glare found

Field D7 Array: OP 60

No glare found

Field D7 Array: OP 61

No glare found

Field D7 Array: OP 62

No glare found

Field D7 Array: OP 63

No glare found

Field D7 Array: OP 64

No glare found

Field D7 Array: OP 65

No glare found

Field D7 Array: OP 66

No glare found

Field D7 Array: OP 67

No glare found

Field D7 Array: OP 68

No glare found

Field D7 Array: OP 69

No glare found

Field D8 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	618	0
OP: OP 3	753	5
OP: OP 4	899	24
OP: OP 5	516	0
OP: OP 6	1384	159
OP: OP 7	1300	266
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	23	0
OP: OP 14	1262	488
OP: OP 15	1422	350
OP: OP 16	473	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0

OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	1862	326
OP: OP 48	569	2250
OP: OP 49	1056	3807
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

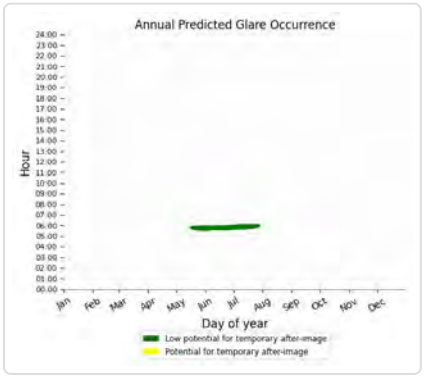
Field D8 Array: OP 1

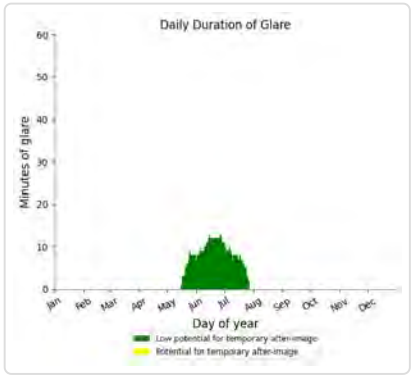
No glare found

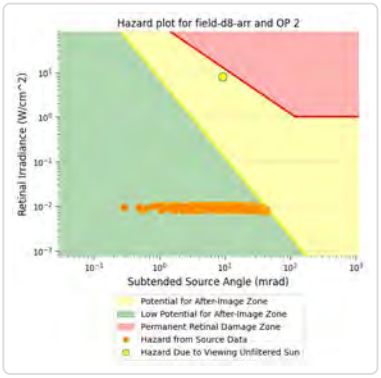
Field D8 Array: OP 2

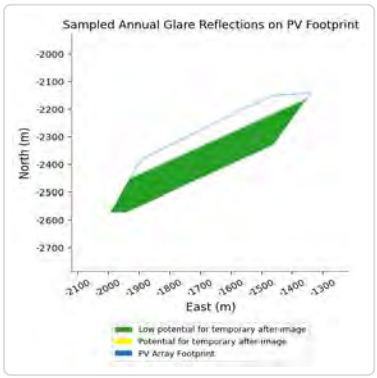
PV array is expected to produce the following glare for this receptor:

- 618 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





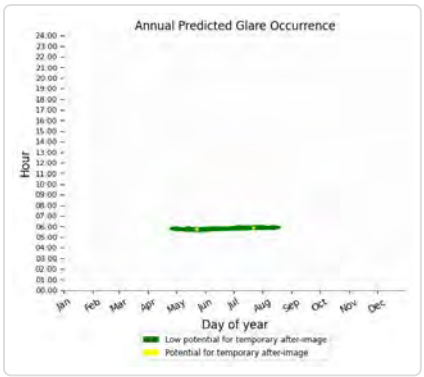


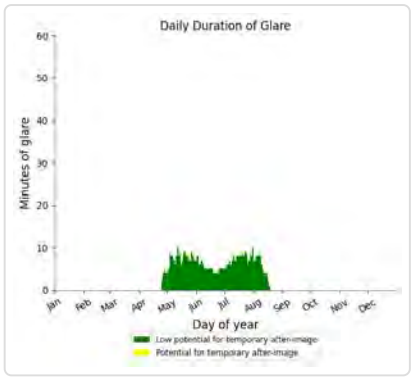


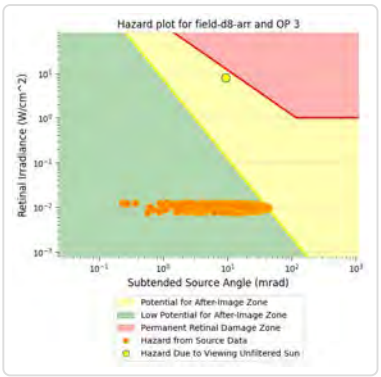
Field D8 Array: OP 3

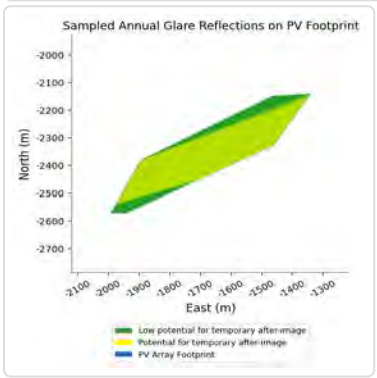
PV array is expected to produce the following glare for this receptor:

- 753 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.





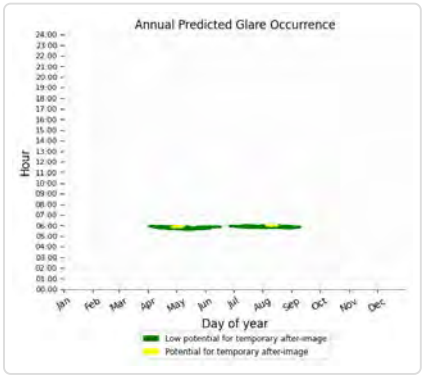


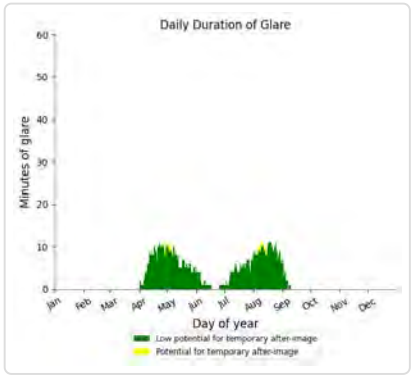


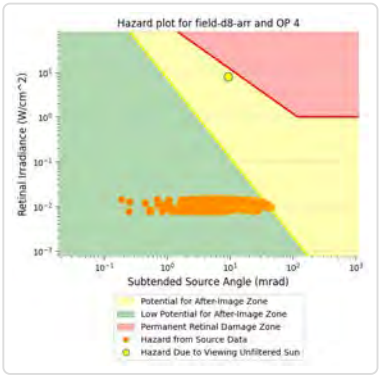
Field D8 Array: OP 4

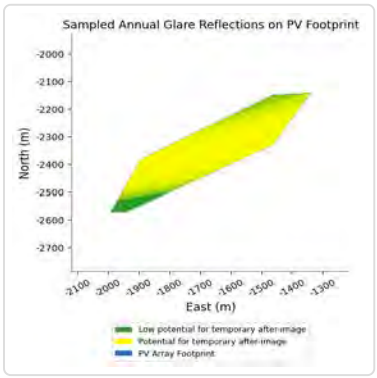
PV array is expected to produce the following glare for this receptor:

- 899 minutes of "green" glare with low potential to cause temporary after-image.
- 24 minutes of "yellow" glare with potential to cause temporary after-image.





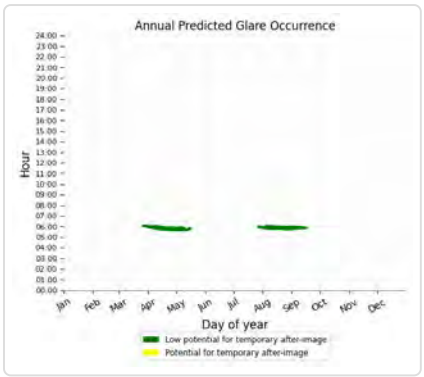


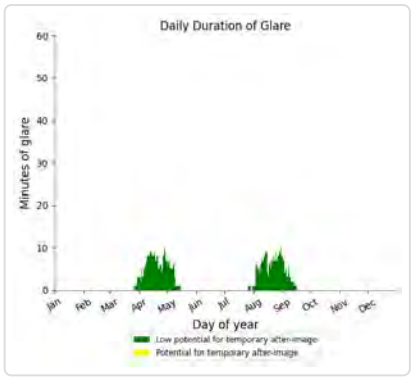


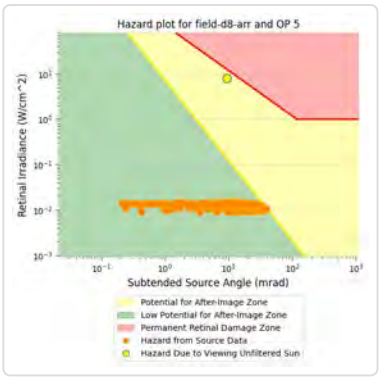
Field D8 Array: OP 5

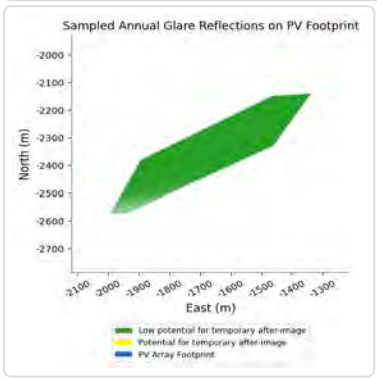
PV array is expected to produce the following glare for this receptor:

- 516 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





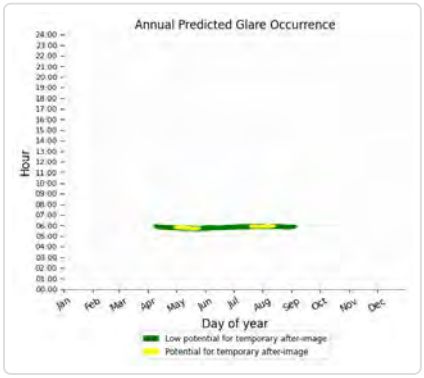


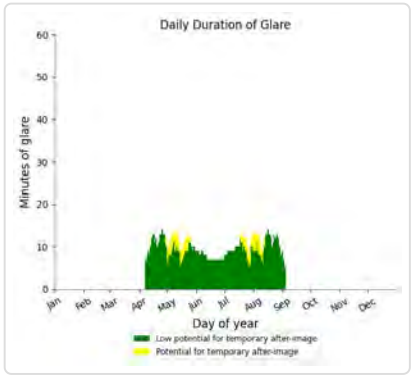


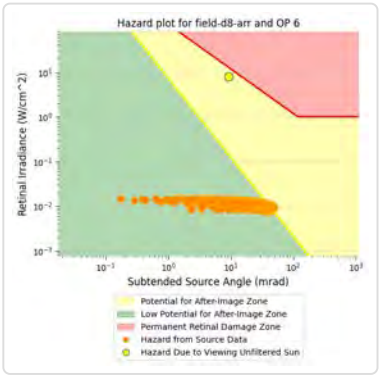
Field D8 Array: OP 6

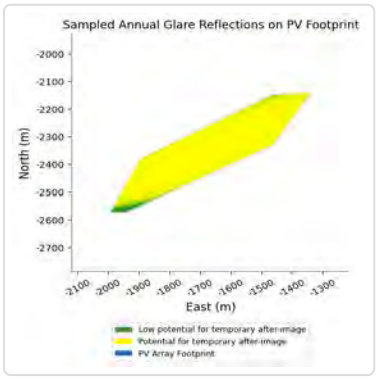
PV array is expected to produce the following glare for this receptor:

- 1,384 minutes of "green" glare with low potential to cause temporary after-image.
- 159 minutes of "yellow" glare with potential to cause temporary after-image.





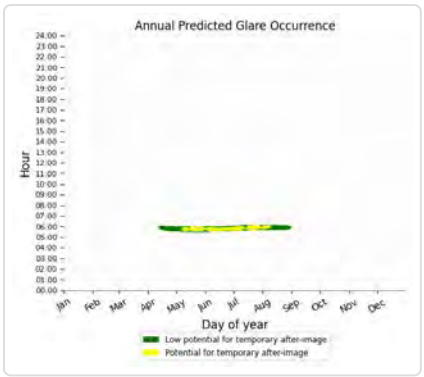


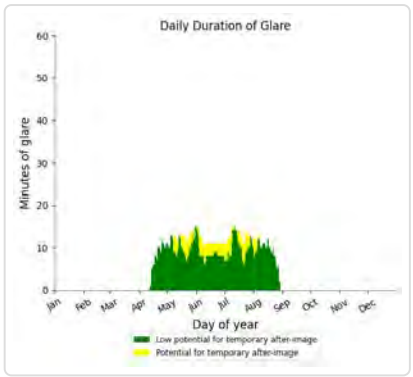


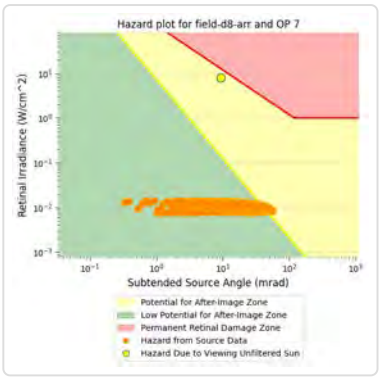
Field D8 Array: OP 7

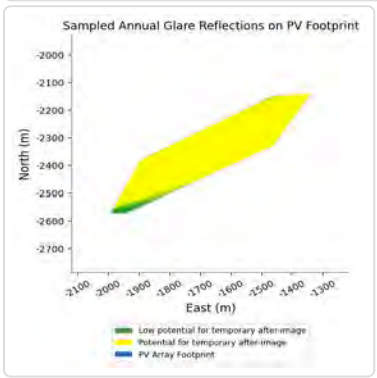
PV array is expected to produce the following glare for this receptor:

- 1,300 minutes of "green" glare with low potential to cause temporary after-image.
- 266 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 8

No glare found

Field D8 Array: OP 9

No glare found

Field D8 Array: OP 10

No glare found

Field D8 Array: OP 11

No glare found

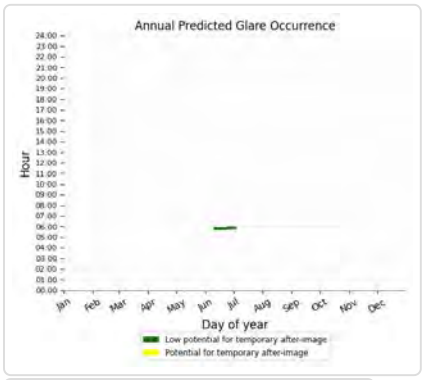
Field D8 Array: OP 12

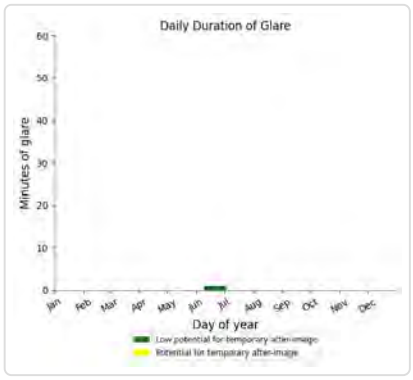
No glare found

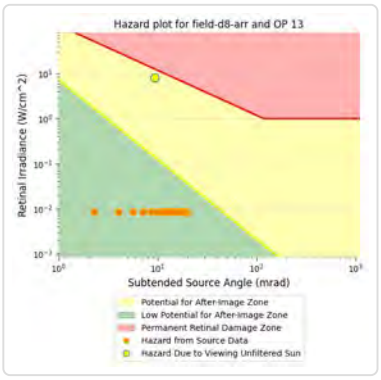
Field D8 Array: OP 13

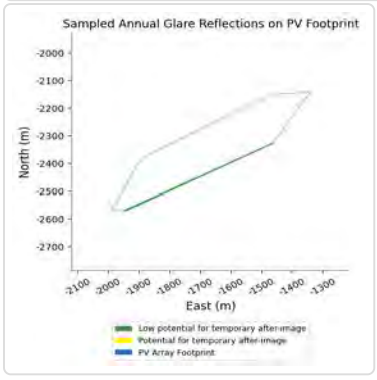
PV array is expected to produce the following glare for this receptor:

- 23 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





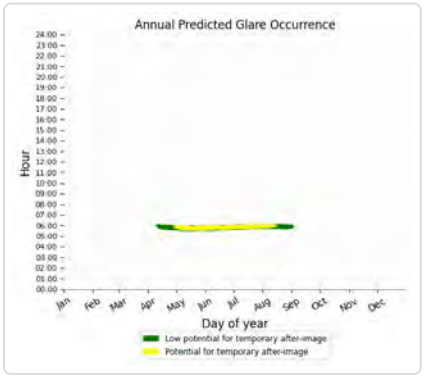


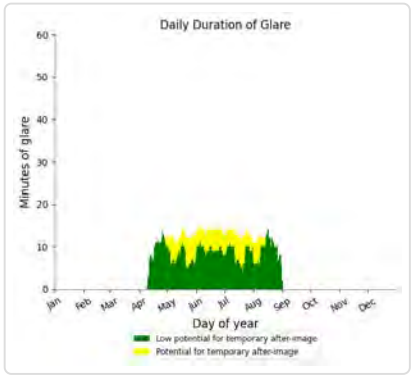


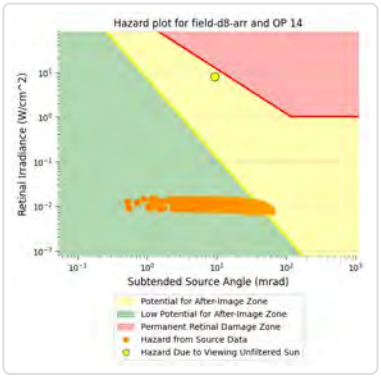
Field D8 Array: OP 14

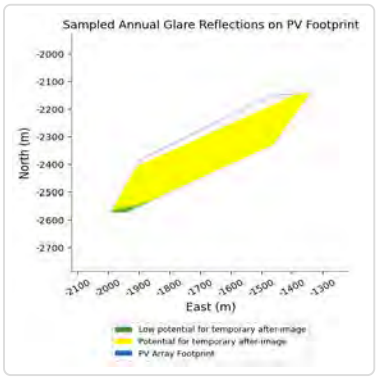
PV array is expected to produce the following glare for this receptor:

- 1,262 minutes of "green" glare with low potential to cause temporary after-image.
- 488 minutes of "yellow" glare with potential to cause temporary after-image.





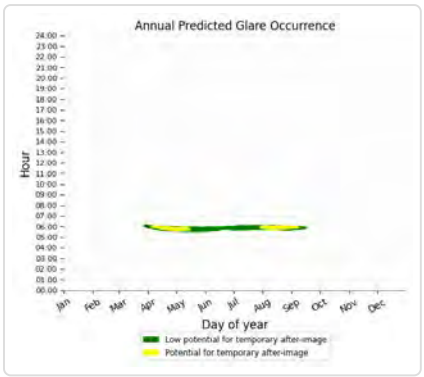


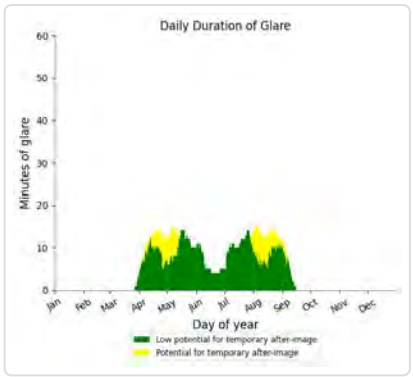


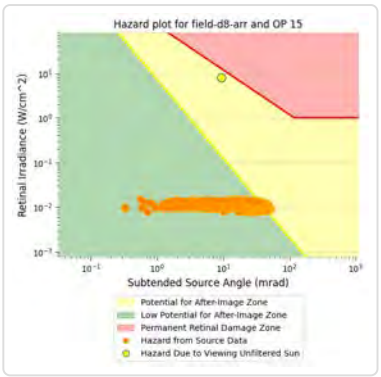
Field D8 Array: OP 15

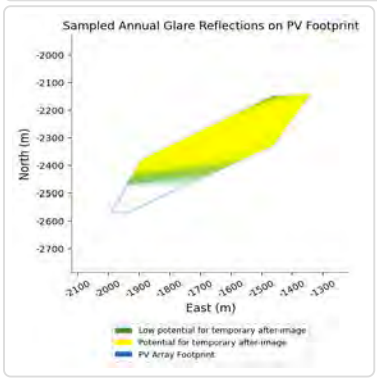
PV array is expected to produce the following glare for this receptor:

- 1,422 minutes of "green" glare with low potential to cause temporary after-image.
- 350 minutes of "yellow" glare with potential to cause temporary after-image.





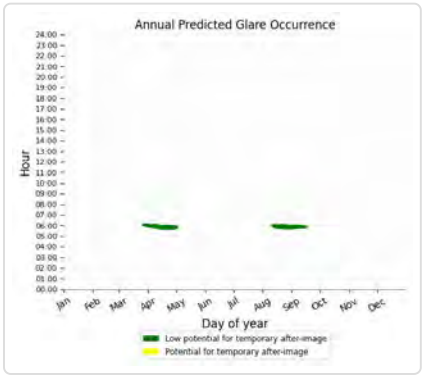


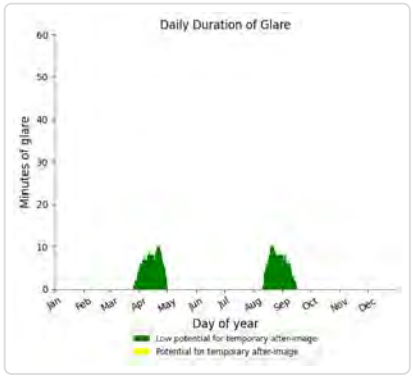


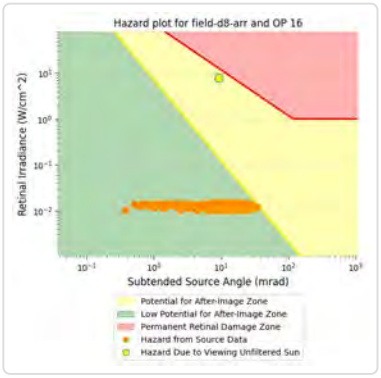
Field D8 Array: OP 16

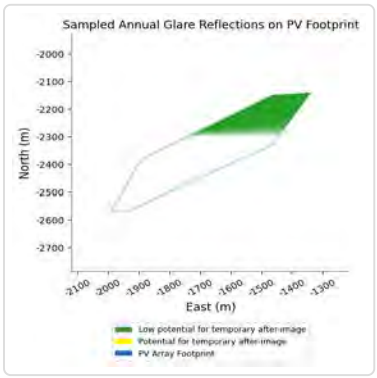
PV array is expected to produce the following glare for this receptor:

- 473 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 17

No glare found

Field D8 Array: OP 18

No glare found

Field D8 Array: OP 19

No glare found

Field D8 Array: OP 20

No glare found

Field D8 Array: OP 21

No glare found

Field D8 Array: OP 22

No glare found

Field D8 Array: OP 23

No glare found

Field D8 Array: OP 24

No glare found

Field D8 Array: OP 25

No glare found

Field D8 Array: OP 26

No glare found

Field D8 Array: OP 27

No glare found

Field D8 Array: OP 28

No glare found

Field D8 Array: OP 29

No glare found

Field D8 Array: OP 30

No glare found

Field D8 Array: OP 31

No glare found

Field D8 Array: OP 32

No glare found

Field D8 Array: OP 33

No glare found

Field D8 Array: OP 34

No glare found

Field D8 Array: OP 35

No glare found

Field D8 Array: OP 36

No glare found

Field D8 Array: OP 37

No glare found

Field D8 Array: OP 38

No glare found

Field D8 Array: OP 39

No glare found

Field D8 Array: OP 40

No glare found

Field D8 Array: OP 41

No glare found

Field D8 Array: OP 42

No glare found

Field D8 Array: OP 43

No glare found

Field D8 Array: OP 44

No glare found

Field D8 Array: OP 45

No glare found

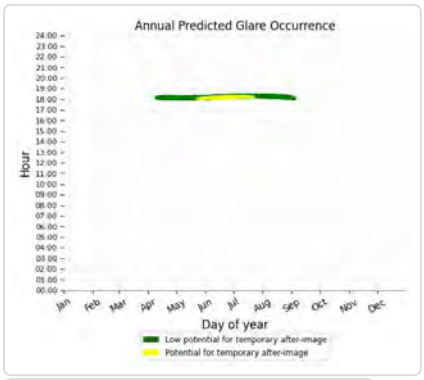
Field D8 Array: OP 46

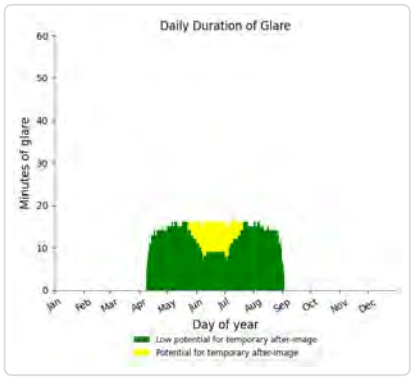
No glare found

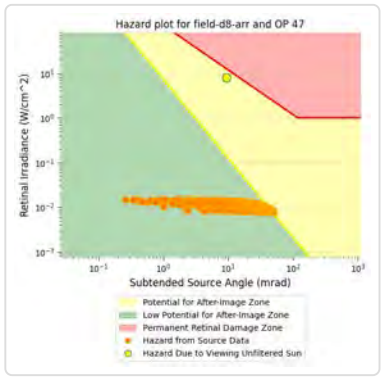
Field D8 Array: OP 47

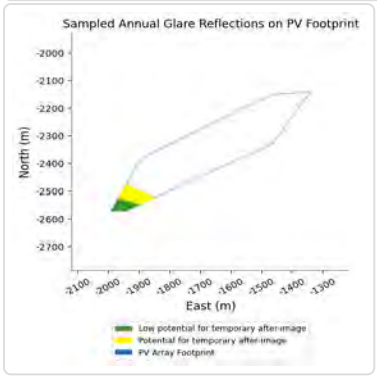
PV array is expected to produce the following glare for this receptor:

- 1,862 minutes of "green" glare with low potential to cause temporary after-image.
- 326 minutes of "yellow" glare with potential to cause temporary after-image.





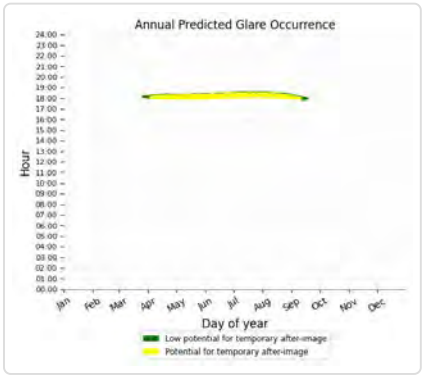


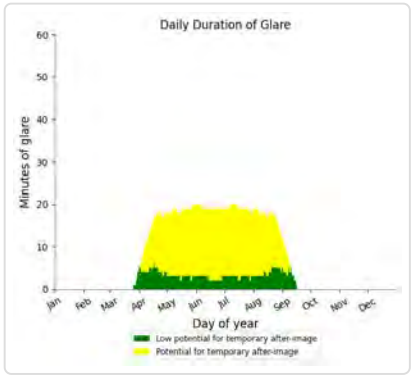


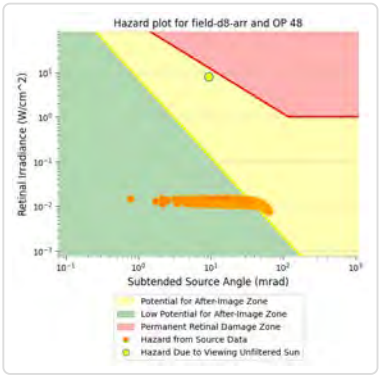
Field D8 Array: OP 48

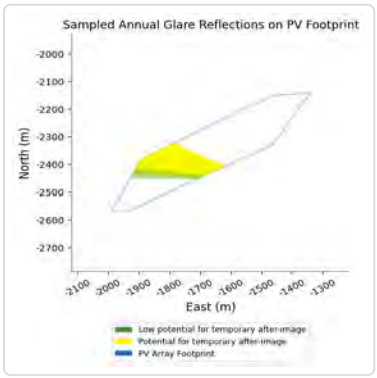
PV array is expected to produce the following glare for this receptor:

- 569 minutes of "green" glare with low potential to cause temporary after-image.
- 2,250 minutes of "yellow" glare with potential to cause temporary after-image.





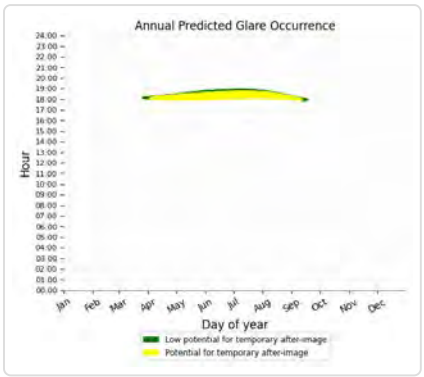


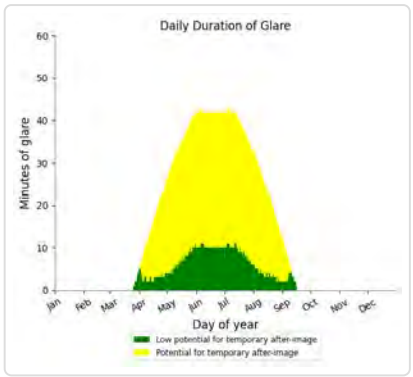


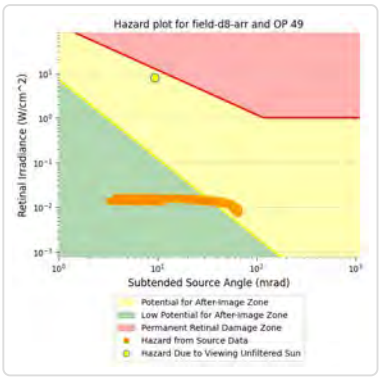
Field D8 Array: OP 49

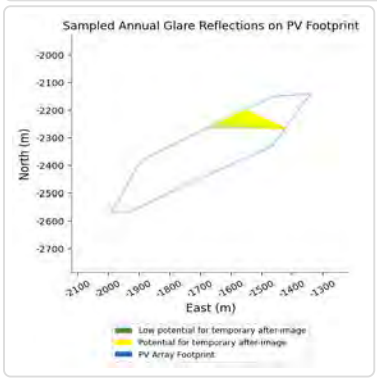
PV array is expected to produce the following glare for this receptor:

- 1,056 minutes of "green" glare with low potential to cause temporary after-image.
- 3,807 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 50

No glare found

Field D8 Array: OP 51

No glare found

Field D8 Array: OP 52

No glare found

Field D8 Array: OP 53

No glare found

Field D8 Array: OP 54

No glare found

Field D8 Array: OP 55

No glare found

Field D8 Array: OP 56

No glare found

Field D8 Array: OP 57

No glare found

Field D8 Array: OP 58

No glare found

Field D8 Array: OP 59

No glare found

Field D8 Array: OP 60

No glare found

Field D8 Array: OP 61

No glare found

Field D8 Array: OP 62

No glare found

Field D8 Array: OP 63

No glare found

Field D8 Array: OP 64

No glare found

Field D8 Array: OP 65

No glare found

Field D8 Array: OP 66

No glare found

Field D8 Array: OP 67

No glare found

Field D8 Array: OP 68

No glare found

Field D8 Array: OP 69

No glare found

Field D9 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	396	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	102	0
OP: OP 51	542	1155
OP: OP 52	699	1778
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

Field D9 Array: OP 1

No glare found

Field D9 Array: OP 2

No glare found

Field D9 Array: OP 3

No glare found

Field D9 Array: OP 4

No glare found

Field D9 Array: OP 5

No glare found

Field D9 Array: OP 6

No glare found

Field D9 Array: OP 7

No glare found

Field D9 Array: OP 8

No glare found

Field D9 Array: OP 9

No glare found

Field D9 Array: OP 10

No glare found

Field D9 Array: OP 11

No glare found

Field D9 Array: OP 12

No glare found

Field D9 Array: OP 13

No glare found

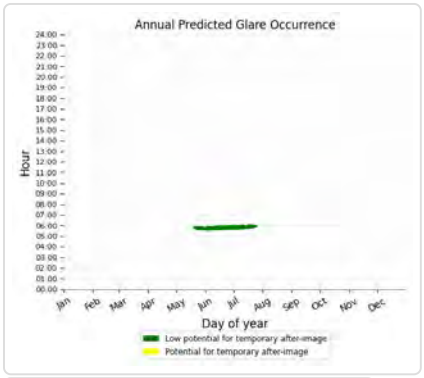
Field D9 Array: OP 14

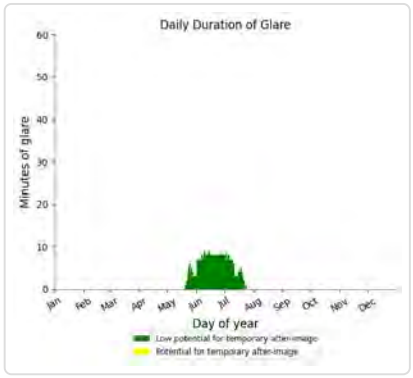
No glare found

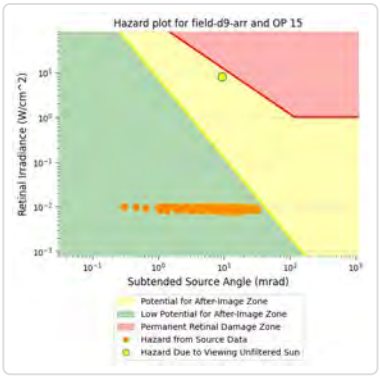
Field D9 Array: OP 15

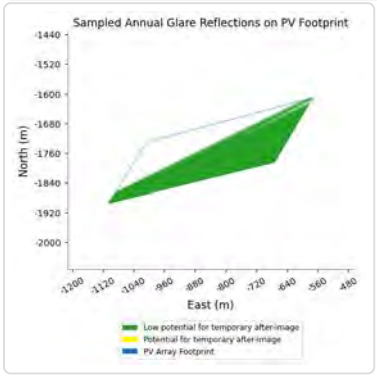
PV array is expected to produce the following glare for this receptor:

- 396 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 16

No glare found

Field D9 Array: OP 17

No glare found

Field D9 Array: OP 18

No glare found

Field D9 Array: OP 19

No glare found

Field D9 Array: OP 20

No glare found

Field D9 Array: OP 21

No glare found

Field D9 Array: OP 22

No glare found

Field D9 Array: OP 23

No glare found

Field D9 Array: OP 24

No glare found

Field D9 Array: OP 25

No glare found

Field D9 Array: OP 26

No glare found

Field D9 Array: OP 27

No glare found

Field D9 Array: OP 28

No glare found

Field D9 Array: OP 29

No glare found

Field D9 Array: OP 30

No glare found

Field D9 Array: OP 31

No glare found

Field D9 Array: OP 32

No glare found

Field D9 Array: OP 33

No glare found

Field D9 Array: OP 34

No glare found

Field D9 Array: OP 35

No glare found

Field D9 Array: OP 36

No glare found

Field D9 Array: OP 37

No glare found

Field D9 Array: OP 38

No glare found

Field D9 Array: OP 39

No glare found

Field D9 Array: OP 40

No glare found

Field D9 Array: OP 41

No glare found

Field D9 Array: OP 42

No glare found

Field D9 Array: OP 43

No glare found

Field D9 Array: OP 44

No glare found

Field D9 Array: OP 45

No glare found

Field D9 Array: OP 46

No glare found

Field D9 Array: OP 47

No glare found

Field D9 Array: OP 48

No glare found

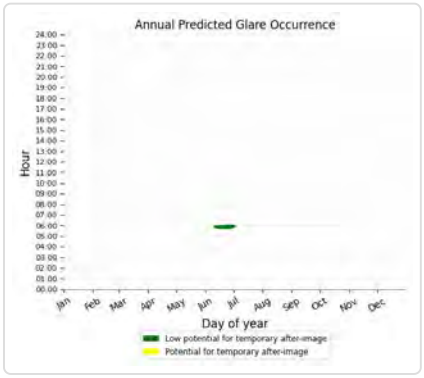
Field D9 Array: OP 49

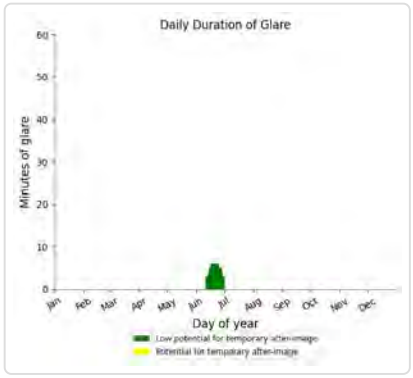
No glare found

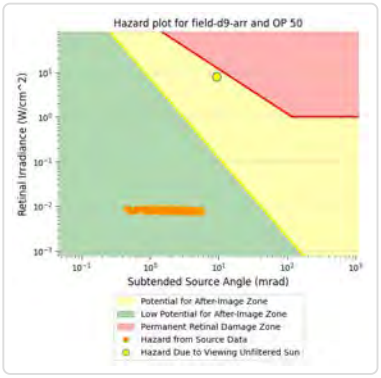
Field D9 Array: OP 50

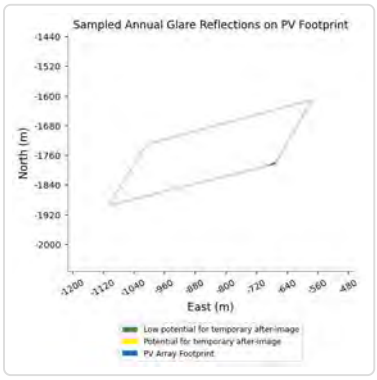
PV array is expected to produce the following glare for this receptor:

- 102 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





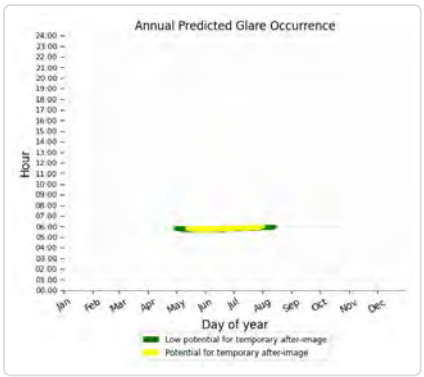


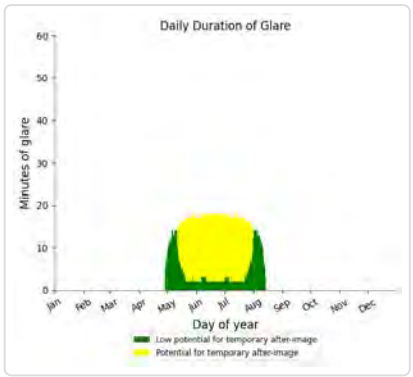


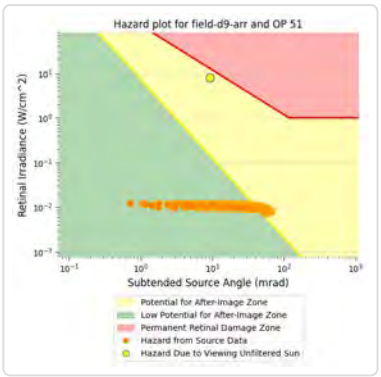
Field D9 Array: OP 51

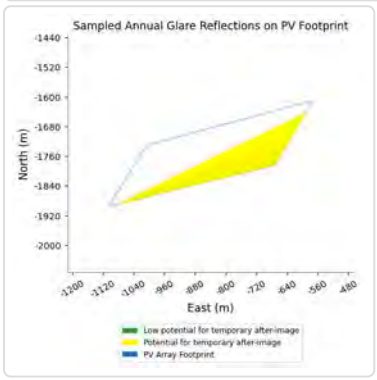
PV array is expected to produce the following glare for this receptor:

- 542 minutes of "green" glare with low potential to cause temporary after-image.
- 1,155 minutes of "yellow" glare with potential to cause temporary after-image.





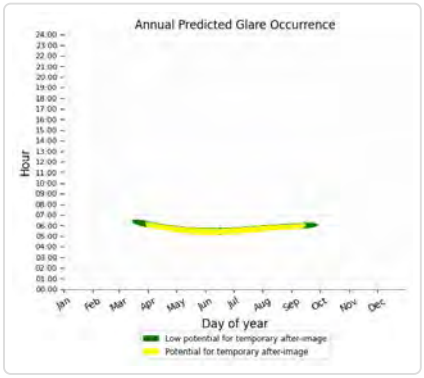


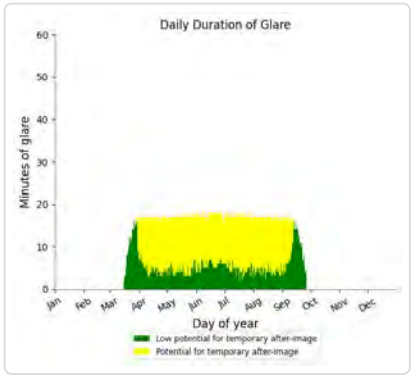


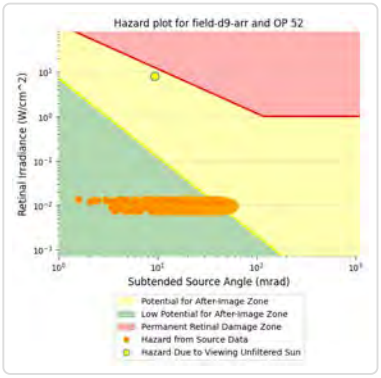
Field D9 Array: OP 52

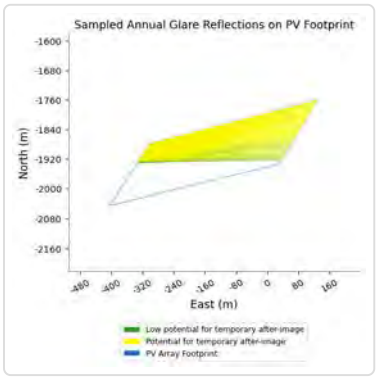
PV array is expected to produce the following glare for this receptor:

- 699 minutes of "green" glare with low potential to cause temporary after-image.
- 1,778 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 53

No glare found

Field D9 Array: OP 54

No glare found

Field D9 Array: OP 55

No glare found

Field D9 Array: OP 56

No glare found

Field D9 Array: OP 57

No glare found

Field D9 Array: OP 58

No glare found

Field D9 Array: OP 59

No glare found

Field D9 Array: OP 60

No glare found

Field D9 Array: OP 61

No glare found

Field D9 Array: OP 62

No glare found

Field D9 Array: OP 63

No glare found

Field D9 Array: OP 64

No glare found

Field D9 Array: OP 65

No glare found

Field D9 Array: OP 66

No glare found

Field D9 Array: OP 67

No glare found

Field D9 Array: OP 68

No glare found

Field D9 Array: OP 69

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Annex I: Road Receptor Glare Results East Group B 25 Degrees

Meridian Solar Farm East

Meridian East Road Group B 25 Degrees

Created Jun 19, 2025
Updated Aug 22, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 152399.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	25.0	180.0	6,015	4,313	-
Field D1A-B Array	25.0	180.0	20,236	5,701	-
Field D1C Array	25.0	180.0	11,571	7,455	-
Field D2 Array	25.0	180.0	19,457	13,561	-
Field D3 Array	25.0	180.0	23,920	3,744	-
Field D5 Array	25.0	180.0	21,023	16,177	-
Field D6 Array	25.0	180.0	27,492	0	-
Field D7 Array	25.0	180.0	9,726	1,008	-
Field D8 Array	25.0	180.0	12,651	0	-
Field D9 Array	25.0	180.0	12,177	1,149	-

Component Data

PV Array(s)

Total PV footprint area: 2,377,617 m^2

Name: Field D10 Array
Footprint area: 136,922 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726260	0.005110	1.64	4.30	5.94
2	52.726280	0.006190	1.44	4.30	5.74
3	52.727290	0.012200	0.92	4.30	5.22
4	52.729990	0.014980	1.57	4.30	5.87
5	52.729970	0.013600	1.82	4.30	6.12
6	52.729290	0.008210	1.63	4.30	5.93

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,701 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734150	0.018170	1.76	4.30	6.06
7	52.734140	0.016690	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 417,808 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721760	0.006720	2.04	4.30	6.34
5	52.721760	0.005890	1.47	4.30	5.77
6	52.722100	0.005820	1.64	4.30	5.94
7	52.722300	0.007260	2.17	4.30	6.47
8	52.723460	0.008450	2.13	4.30	6.43
9	52.723520	0.007330	1.58	4.30	5.88
10	52.723970	0.007610	1.68	4.30	5.98
11	52.724640	0.009600	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724970	0.003600	1.82	4.30	6.12
18	52.724490	0.004010	1.22	4.30	5.52
19	52.722900	0.002300	1.46	4.30	5.76
20	52.722760	0.001580	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 840,342 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708690	-0.019660	1.33	4.30	5.63
2	52.708320	-0.017290	1.31	4.30	5.61
3	52.707810	-0.017190	0.84	4.30	5.14
4	52.707810	-0.016140	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.21
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004800	1.86	4.30	6.17
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.65	4.30	5.95
17	52.720130	-0.003470	2.02	4.30	6.31
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.48	4.30	5.78
20	52.722490	0.000690	1.20	4.30	5.50
21	52.722440	-0.000180	1.29	4.30	5.59
22	52.722960	-0.000420	1.30	4.30	5.60
23	52.723330	0.001430	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 268,446 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702730	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700070	-0.021060	1.99	4.30	6.29
8	52.699610	-0.020660	2.06	4.30	6.36
9	52.698980	-0.020530	2.35	4.30	6.64
10	52.698900	-0.022040	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,077 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700890	-0.022750	2.61	4.30	6.91
2	52.702250	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698740	-0.024700	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,242 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702110	-0.017910	2.45	4.30	6.75
2	52.702800	-0.018300	1.02	4.30	5.32
3	52.703320	-0.017780	0.77	4.30	5.07
4	52.703210	-0.017260	0.95	4.30	5.25
5	52.703300	-0.016590	1.08	4.30	5.38
6	52.704210	-0.010990	2.29	4.30	6.58
7	52.702970	-0.012210	2.23	4.30	6.54

Name: Field D8 Array
Footprint area: 93,322 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

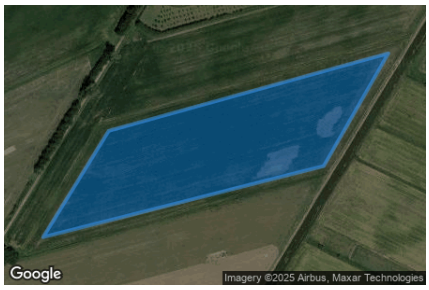
Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703150	-0.024330	1.81	4.30	6.11
2	52.703160	-0.023580	1.61	4.30	5.91
3	52.705330	-0.016540	2.05	4.30	6.35
4	52.707010	-0.014740	1.57	4.30	5.87
5	52.706940	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60

Name: Field D9 Array
Footprint area: 61,899 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass without AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.7 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709230	-0.011260	1.62	4.30	5.92
2	52.710710	-0.009760	1.07	4.30	5.38
3	52.711790	-0.003360	1.62	4.30	5.92
4	52.710220	-0.004840	1.86	4.30	6.16

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	52.692445	-0.018126	4.16	1.50	5.66
OP 2	52.694006	-0.016646	2.92	1.50	4.42
OP 3	52.695547	-0.015197	3.54	1.50	5.04
OP 4	52.697120	-0.013749	2.44	1.50	3.94
OP 5	52.698115	-0.011882	2.24	1.50	3.74
OP 6	52.690683	-0.014908	2.93	1.50	4.43
OP 7	52.692328	-0.013534	2.74	1.50	4.24
OP 8	52.693895	-0.012268	3.23	1.50	4.73
OP 9	52.695521	-0.010927	1.81	1.50	3.31
OP 10	52.697042	-0.009661	3.25	1.50	4.75
OP 11	52.698746	-0.008277	1.72	1.50	3.22
OP 12	52.700553	-0.006904	0.75	1.50	2.25
OP 13	52.701957	-0.005724	1.92	1.50	3.42
OP 14	52.703596	-0.004329	2.05	1.50	3.55
OP 15	52.705182	-0.003084	2.15	1.50	3.65
OP 16	52.706794	-0.001668	1.99	1.50	3.49
OP 17	52.708367	-0.000381	3.08	1.50	4.58
OP 18	52.710005	0.000971	3.26	1.50	4.76
OP 19	52.711617	0.002302	4.28	1.50	5.78
OP 20	52.713190	0.003632	1.97	1.50	3.47
OP 21	52.714763	0.004919	1.15	1.50	2.65
OP 22	52.716375	0.006271	0.83	1.50	2.33
OP 23	52.717948	0.007580	1.00	1.50	2.50
OP 24	52.719650	0.008975	2.52	1.50	4.02
OP 25	52.721301	0.010327	1.59	1.50	3.09
OP 26	52.722822	0.011614	1.47	1.50	2.97
OP 27	52.724472	0.012966	3.23	1.50	4.73
OP 28	52.726019	0.014253	2.49	1.50	3.99
OP 29	52.727604	0.015605	1.43	1.50	2.93
OP 30	52.729196	0.016936	1.34	1.50	2.84
OP 31	52.730820	0.018309	1.76	1.50	3.26
OP 32	52.732470	0.018169	2.91	1.50	4.41
OP 33	52.734172	0.019081	3.08	1.50	4.58
OP 34	52.687951	-0.010602	4.23	1.50	5.73
OP 35	52.689648	-0.009336	1.66	1.50	3.16
OP 36	52.691371	-0.008049	2.55	1.50	4.05
OP 37	52.692932	-0.007051	2.57	1.50	4.07
OP 38	52.694519	-0.005710	3.68	1.50	5.18
OP 39	52.696021	-0.004712	3.87	1.50	5.37
OP 40	52.697809	-0.003403	3.24	1.50	4.74
OP 41	52.699538	-0.002223	0.57	1.50	2.07
OP 42	52.701222	-0.000978	1.98	1.50	3.48
OP 43	52.702776	0.000095	2.66	1.50	4.16
OP 44	52.704421	0.001404	3.04	1.50	4.54
OP 45	52.706039	0.002509	3.34	1.50	4.84
OP 46	52.707677	0.003635	2.86	1.50	4.36
OP 47	52.709302	0.004880	2.08	1.50	3.58
OP 48	52.710368	0.003099	2.47	1.50	3.97
OP 49	52.710394	0.011768	2.39	1.50	3.89
OP 50	52.712104	0.012701	2.37	1.50	3.87
OP 51	52.713956	0.013699	1.87	1.50	3.37
OP 52	52.715627	0.014557	1.36	1.50	2.86
OP 53	52.717368	0.015490	1.26	1.50	2.76
OP 54	52.718948	0.016349	2.20	1.50	3.70
OP 55	52.720761	0.017271	3.06	1.50	4.56
OP 56	52.722458	0.018170	2.39	1.50	3.89
OP 57	52.724174	0.019114	2.32	1.50	3.82
OP 58	52.725850	0.020047	1.55	1.50	3.05
OP 59	52.727540	0.020927	1.56	1.50	3.06
OP 60	52.729294	0.021828	1.59	1.50	3.09
OP 61	52.731009	0.022751	2.12	1.50	3.62
OP 62	52.726396	0.028480	1.40	1.50	2.90
OP 63	52.727858	0.026645	1.60	1.50	3.10

OP 64	52.729281	0.024800	3.03	1.50	4.53
OP 65	52.732451	0.022268	2.25	1.50	3.75
OP 66	52.734088	0.021292	2.46	1.50	3.96
OP 67	52.735550	0.023373	1.76	1.50	3.26
OP 68	52.730990	0.026474	1.46	1.50	2.96
OP 69	52.732289	0.028641	1.11	1.50	2.61
OP 70	52.733614	0.030915	1.32	1.50	2.82

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	25.0	180.0	6,015	4,313	-	-
Field D1A-B Array	25.0	180.0	20,236	5,701	-	-
Field D1C Array	25.0	180.0	11,571	7,455	-	-
Field D2 Array	25.0	180.0	19,457	13,561	-	-
Field D3 Array	25.0	180.0	23,920	3,744	-	-
Field D5 Array	25.0	180.0	21,023	16,177	-	-
Field D6 Array	25.0	180.0	27,492	0	-	-
Field D7 Array	25.0	180.0	9,726	1,008	-	-
Field D8 Array	25.0	180.0	12,651	0	-	-
Field D9 Array	25.0	180.0	12,177	1,149	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d10-ar (green)	0	0	10	302	311	547	347	345	82	0	0	0
field-d10-ar (yellow)	0	0	0	32	140	47	106	79	4	0	0	0
field-d1a-b (green)	0	0	16	338	358	461	417	374	102	0	0	0
field-d1a-b (yellow)	0	0	0	16	28	8	23	25	1	0	0	0
field-d1c-ar (green)	0	0	16	466	476	300	352	615	112	0	0	0
field-d1c-ar (yellow)	0	0	0	10	105	120	117	42	0	0	0	0
field-d2-arr (green)	0	0	14	352	429	315	387	432	103	0	0	0
field-d2-arr (yellow)	0	0	0	19	36	16	19	43	0	0	0	0
field-d3-arr (green)	0	0	31	459	528	536	511	548	155	0	0	0
field-d3-arr (yellow)	0	0	0	2	34	14	39	6	0	0	0	0
field-d5-arr (green)	0	0	23	426	462	445	451	502	125	0	0	0
field-d5-arr (yellow)	0	0	0	0	1	0	1	1	0	0	0	0
field-d6-arr (green)	0	0	16	387	493	494	498	472	111	0	0	0
field-d6-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d7-arr (green)	0	0	19	422	506	540	538	494	121	0	0	0
field-d7-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d8-arr (green)	0	0	14	370	465	480	478	449	105	0	0	0
field-d8-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d9-arr (green)	0	0	16	380	506	427	501	468	112	0	0	0
field-d9-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0

OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	307	0
OP: OP 28	1075	250
OP: OP 29	571	2014
OP: OP 30	967	1739
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0

OP: OP 56	43	0
OP: OP 57	0	0
OP: OP 58	1210	106
OP: OP 59	1421	204
OP: OP 60	421	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D10 Array: OP 1

No glare found

Field D10 Array: OP 2

No glare found

Field D10 Array: OP 3

No glare found

Field D10 Array: OP 4

No glare found

Field D10 Array: OP 5

No glare found

Field D10 Array: OP 6

No glare found

Field D10 Array: OP 7

No glare found

Field D10 Array: OP 8

No glare found

Field D10 Array: OP 9

No glare found

Field D10 Array: OP 10

No glare found

Field D10 Array: OP 11

No glare found

Field D10 Array: OP 12

No glare found

Field D10 Array: OP 13

No glare found

Field D10 Array: OP 14

No glare found

Field D10 Array: OP 15

No glare found

Field D10 Array: OP 16

No glare found

Field D10 Array: OP 17

No glare found

Field D10 Array: OP 18

No glare found

Field D10 Array: OP 19

No glare found

Field D10 Array: OP 20

No glare found

Field D10 Array: OP 21

No glare found

Field D10 Array: OP 22

No glare found

Field D10 Array: OP 23

No glare found

Field D10 Array: OP 24

No glare found

Field D10 Array: OP 25

No glare found

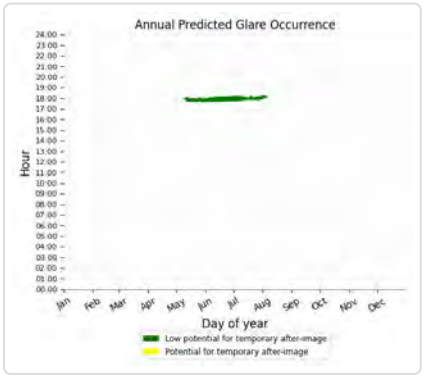
Field D10 Array: OP 26

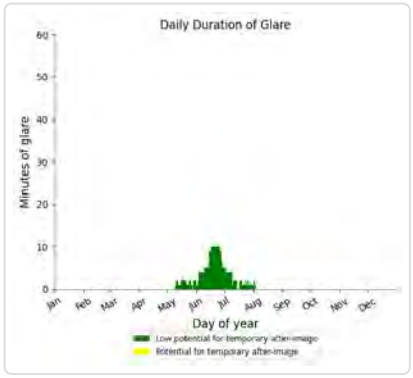
No glare found

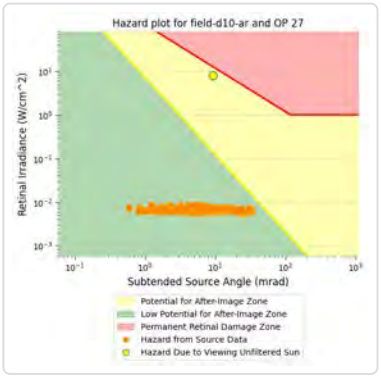
Field D10 Array: OP 27

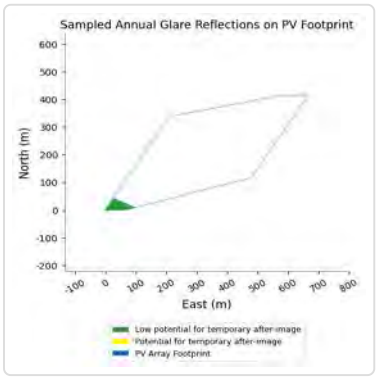
PV array is expected to produce the following glare for this receptor:

- 307 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





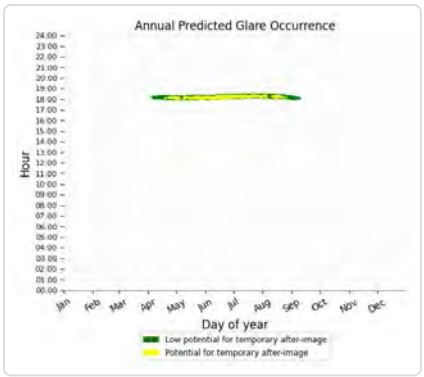


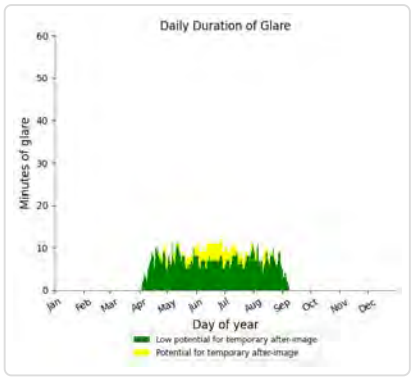


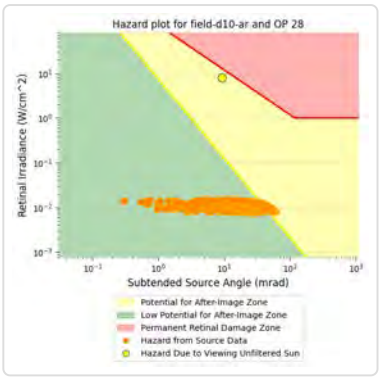
Field D10 Array: OP 28

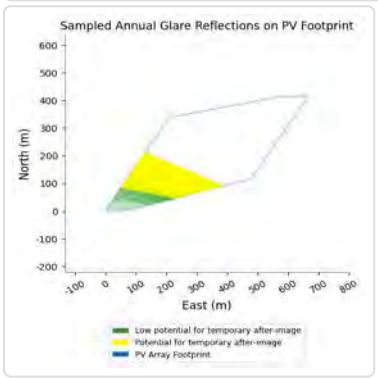
PV array is expected to produce the following glare for this receptor:

- 1,075 minutes of "green" glare with low potential to cause temporary after-image.
- 250 minutes of "yellow" glare with potential to cause temporary after-image.





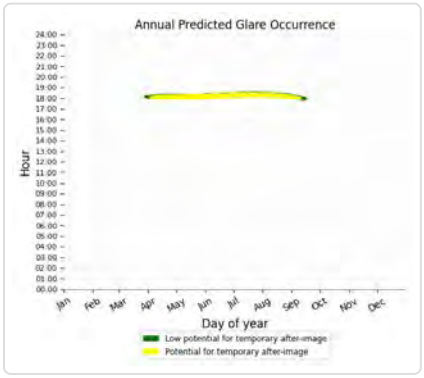


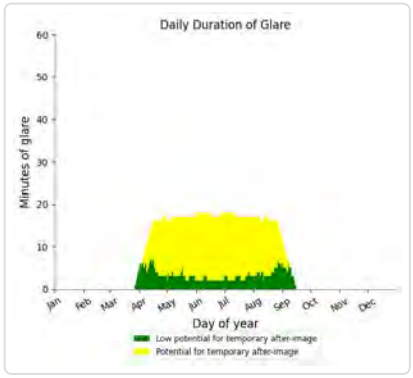


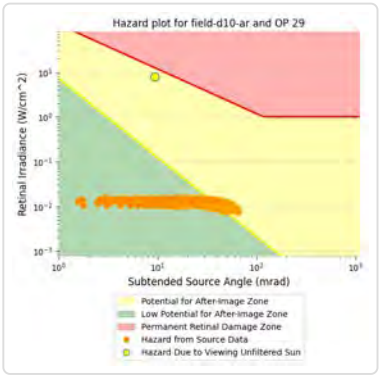
Field D10 Array: OP 29

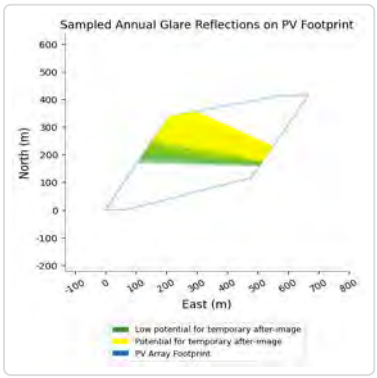
PV array is expected to produce the following glare for this receptor:

- 571 minutes of "green" glare with low potential to cause temporary after-image.
- 2,014 minutes of "yellow" glare with potential to cause temporary after-image.





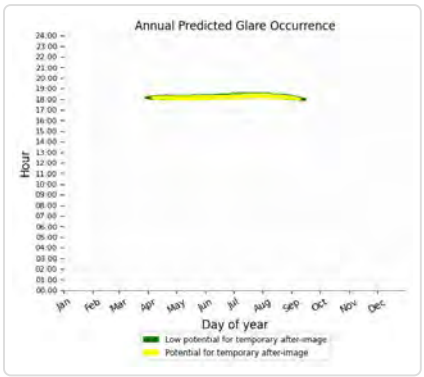


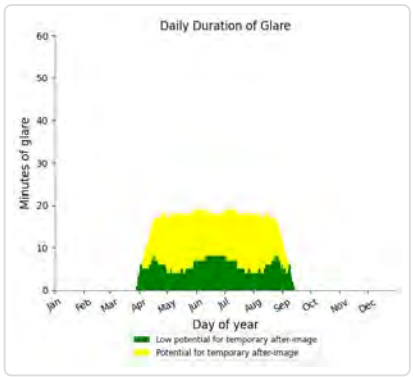


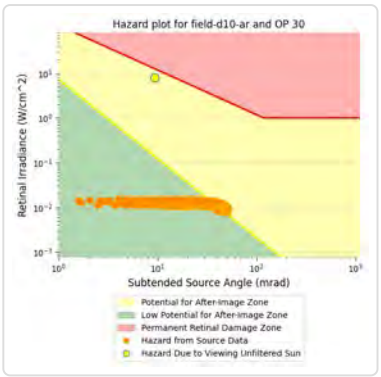
Field D10 Array: OP 30

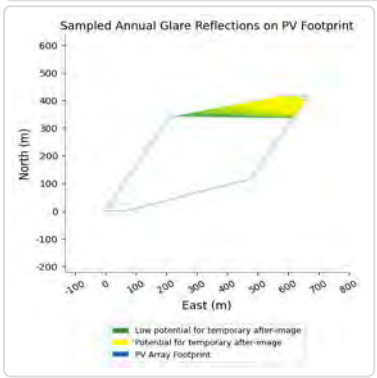
PV array is expected to produce the following glare for this receptor:

- 967 minutes of "green" glare with low potential to cause temporary after-image.
- 1,739 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 31

No glare found

Field D10 Array: OP 32

No glare found

Field D10 Array: OP 33

No glare found

Field D10 Array: OP 34

No glare found

Field D10 Array: OP 35

No glare found

Field D10 Array: OP 36

No glare found

Field D10 Array: OP 37

No glare found

Field D10 Array: OP 38

No glare found

Field D10 Array: OP 39

No glare found

Field D10 Array: OP 40

No glare found

Field D10 Array: OP 41

No glare found

Field D10 Array: OP 42

No glare found

Field D10 Array: OP 43

No glare found

Field D10 Array: OP 44

No glare found

Field D10 Array: OP 45

No glare found

Field D10 Array: OP 46

No glare found

Field D10 Array: OP 47

No glare found

Field D10 Array: OP 48

No glare found

Field D10 Array: OP 49

No glare found

Field D10 Array: OP 50

No glare found

Field D10 Array: OP 51

No glare found

Field D10 Array: OP 52

No glare found

Field D10 Array: OP 53

No glare found

Field D10 Array: OP 54

No glare found

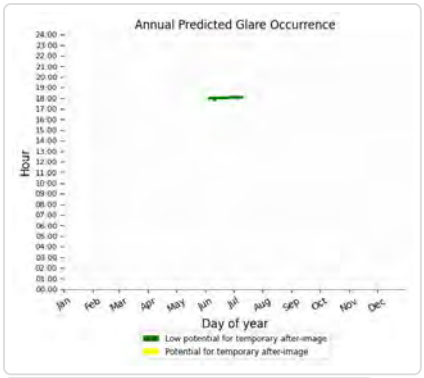
Field D10 Array: OP 55

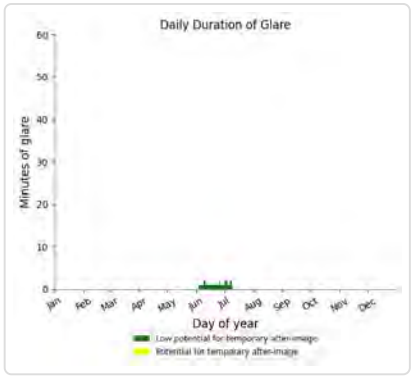
No glare found

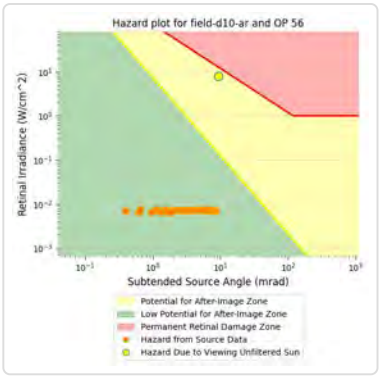
Field D10 Array: OP 56

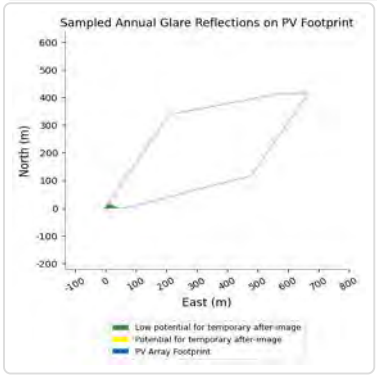
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









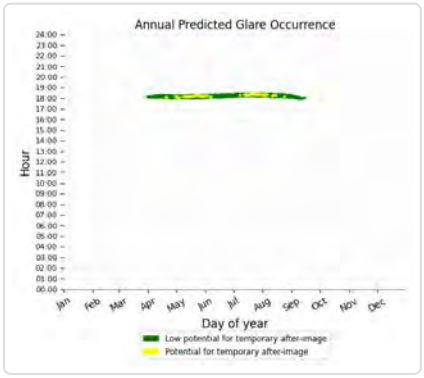
Field D10 Array: OP 57

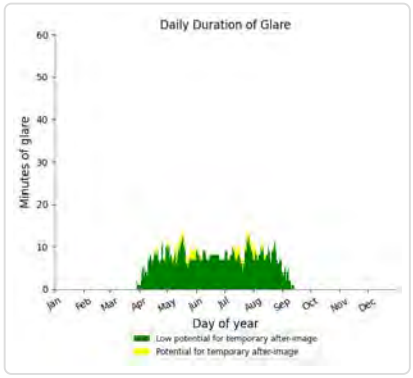
No glare found

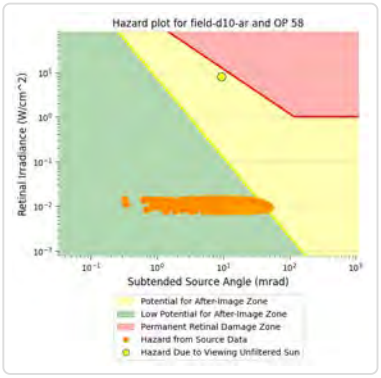
Field D10 Array: OP 58

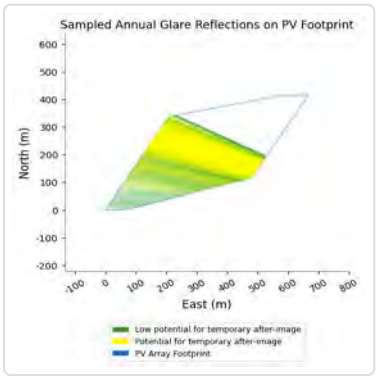
PV array is expected to produce the following glare for this receptor:

- 1,210 minutes of "green" glare with low potential to cause temporary after-image.
- 106 minutes of "yellow" glare with potential to cause temporary after-image.





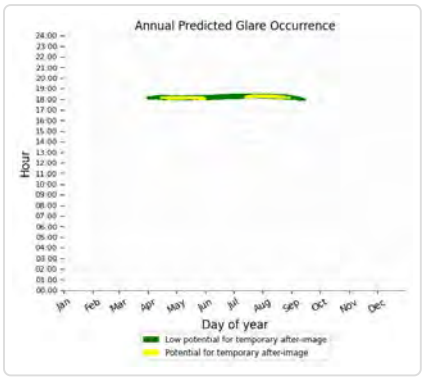


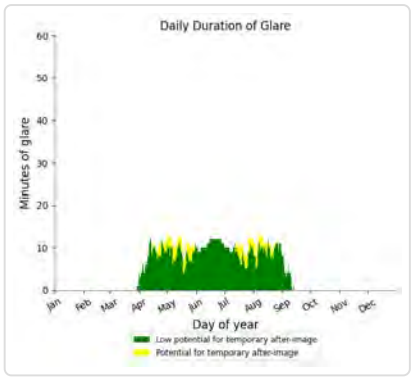


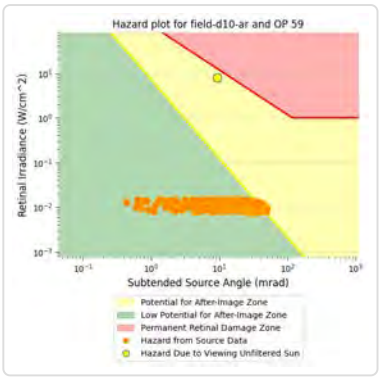
Field D10 Array: OP 59

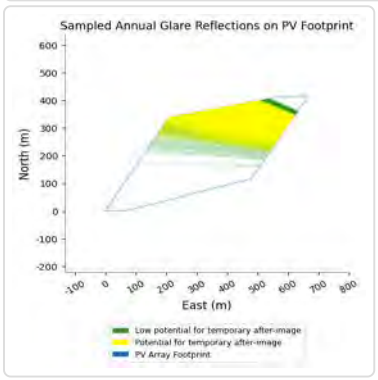
PV array is expected to produce the following glare for this receptor:

- 1,421 minutes of "green" glare with low potential to cause temporary after-image.
- 204 minutes of "yellow" glare with potential to cause temporary after-image.





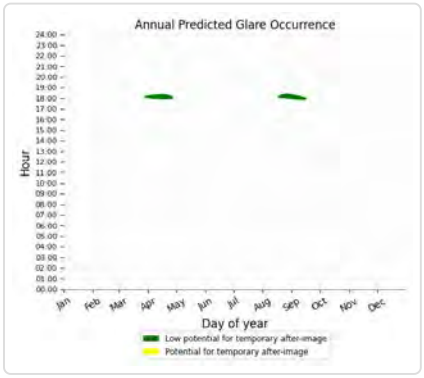


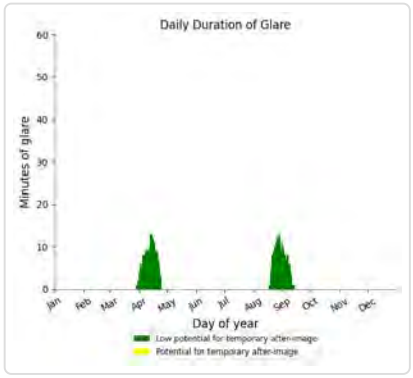


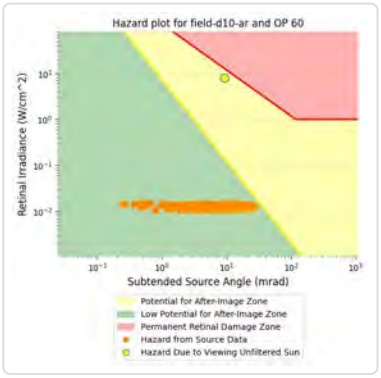
Field D10 Array: OP 60

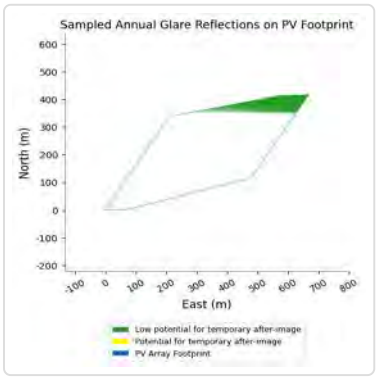
PV array is expected to produce the following glare for this receptor:

- 421 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 61

No glare found

Field D10 Array: OP 62

No glare found

Field D10 Array: OP 63

No glare found

Field D10 Array: OP 64

No glare found

Field D10 Array: OP 65

No glare found

Field D10 Array: OP 66

No glare found

Field D10 Array: OP 67

No glare found

Field D10 Array: OP 68

No glare found

Field D10 Array: OP 69

No glare found

Field D10 Array: OP 70

No glare found

Field D1A-B Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	406	0
OP: OP 27	1115	0
OP: OP 28	1705	310
OP: OP 29	1048	1292
OP: OP 30	928	1563
OP: OP 31	1819	605
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0

OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	42	0
OP: OP 56	906	0
OP: OP 57	1712	0
OP: OP 58	1621	202
OP: OP 59	1241	867
OP: OP 60	1761	536
OP: OP 61	572	0
OP: OP 62	1733	100
OP: OP 63	1678	176
OP: OP 64	1590	50
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	359	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D1A-B Array: OP 1

No glare found

Field D1A-B Array: OP 2

No glare found

Field D1A-B Array: OP 3

No glare found

Field D1A-B Array: OP 4

No glare found

Field D1A-B Array: OP 5

No glare found

Field D1A-B Array: OP 6

No glare found

Field D1A-B Array: OP 7

No glare found

Field D1A-B Array: OP 8

No glare found

Field D1A-B Array: OP 9

No glare found

Field D1A-B Array: OP 10

No glare found

Field D1A-B Array: OP 11

No glare found

Field D1A-B Array: OP 12

No glare found

Field D1A-B Array: OP 13

No glare found

Field D1A-B Array: OP 14

No glare found

Field D1A-B Array: OP 15

No glare found

Field D1A-B Array: OP 16

No glare found

Field D1A-B Array: OP 17

No glare found

Field D1A-B Array: OP 18

No glare found

Field D1A-B Array: OP 19

No glare found

Field D1A-B Array: OP 20

No glare found

Field D1A-B Array: OP 21

No glare found

Field D1A-B Array: OP 22

No glare found

Field D1A-B Array: OP 23

No glare found

Field D1A-B Array: OP 24

No glare found

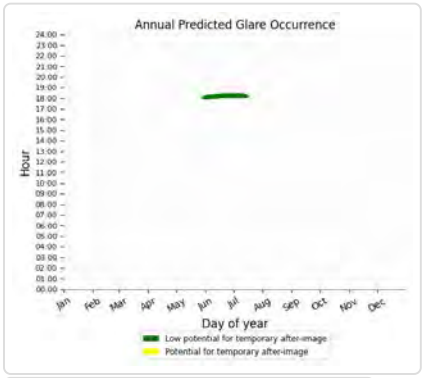
Field D1A-B Array: OP 25

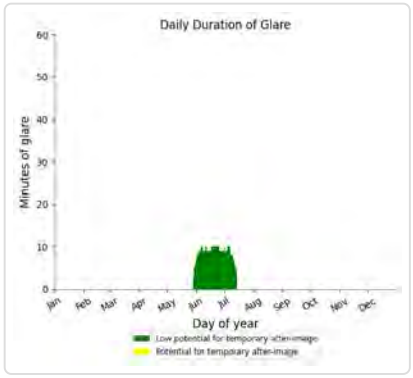
No glare found

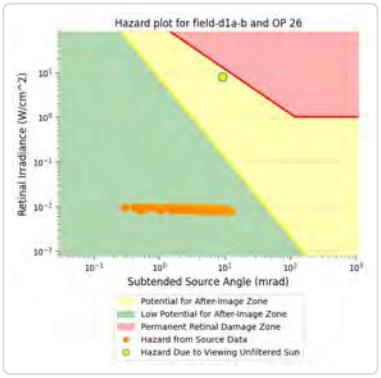
Field D1A-B Array: OP 26

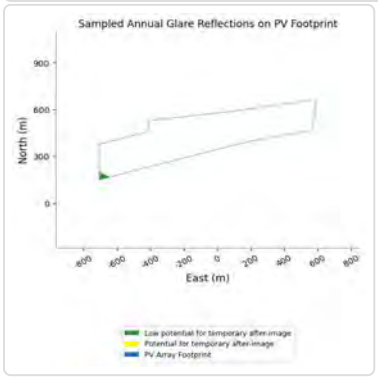
PV array is expected to produce the following glare for this receptor:

- 406 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





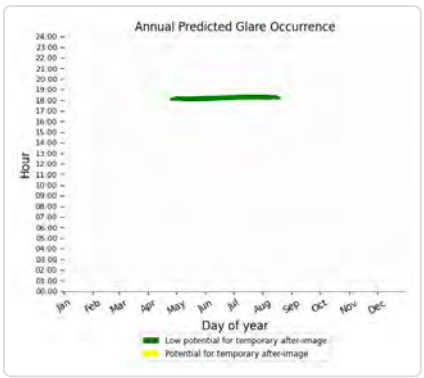


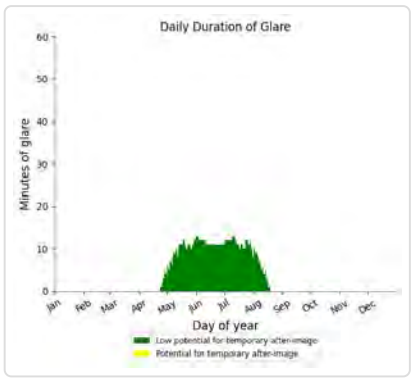


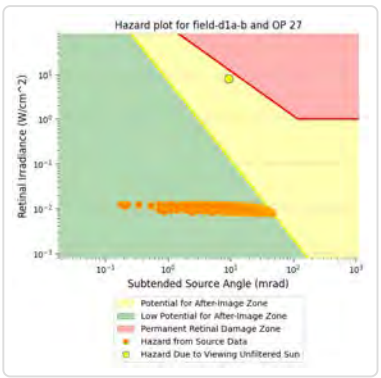
Field D1A-B Array: OP 27

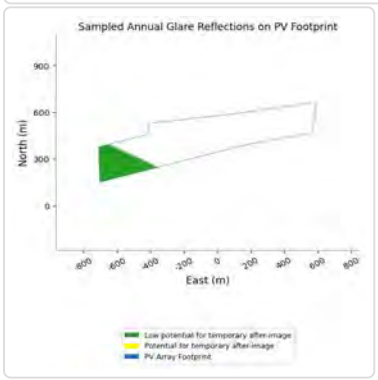
PV array is expected to produce the following glare for this receptor:

- 1,115 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





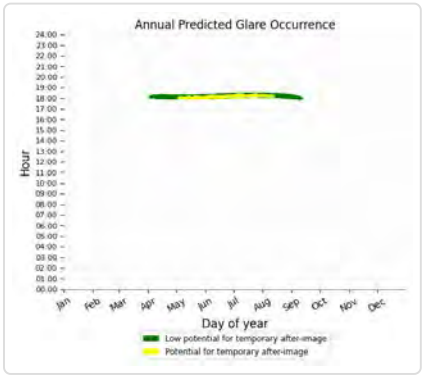


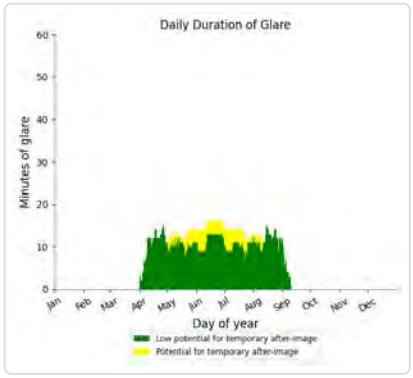


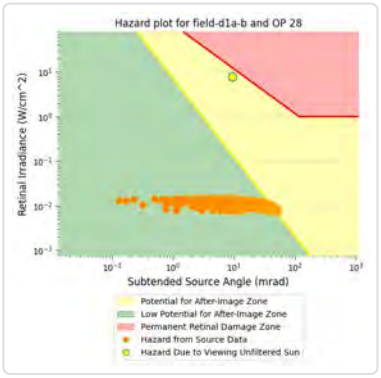
Field D1A-B Array: OP 28

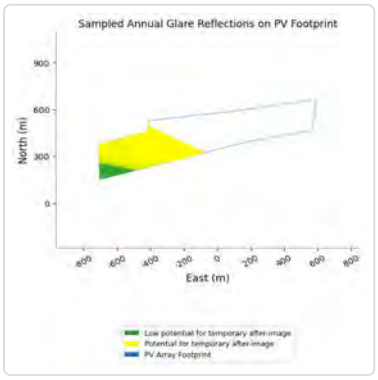
PV array is expected to produce the following glare for this receptor:

- 1,705 minutes of "green" glare with low potential to cause temporary after-image.
- 310 minutes of "yellow" glare with potential to cause temporary after-image.





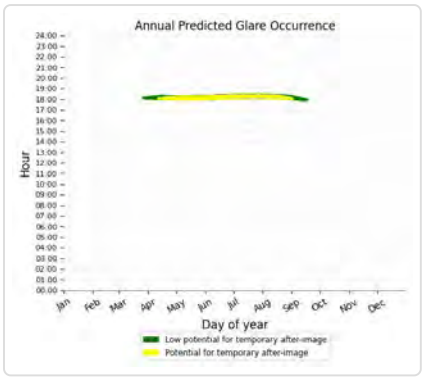


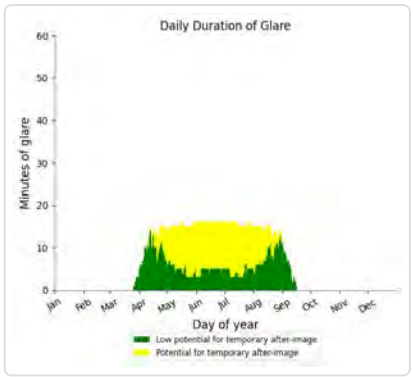


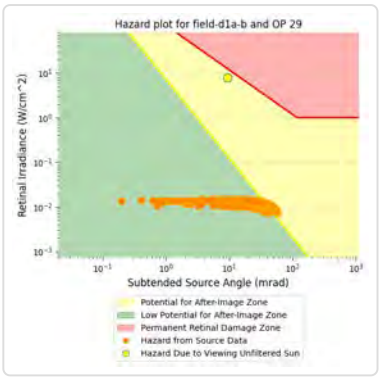
Field D1A-B Array: OP 29

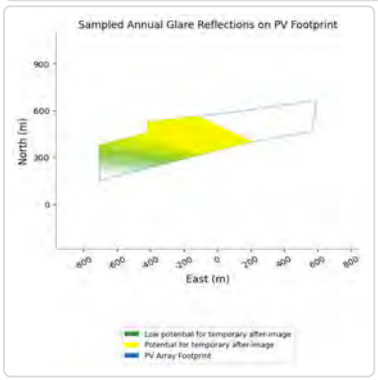
PV array is expected to produce the following glare for this receptor:

- 1,048 minutes of "green" glare with low potential to cause temporary after-image.
- 1,292 minutes of "yellow" glare with potential to cause temporary after-image.





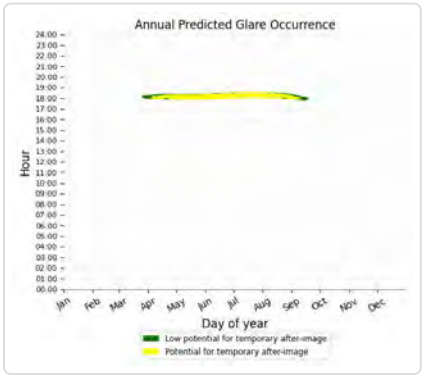


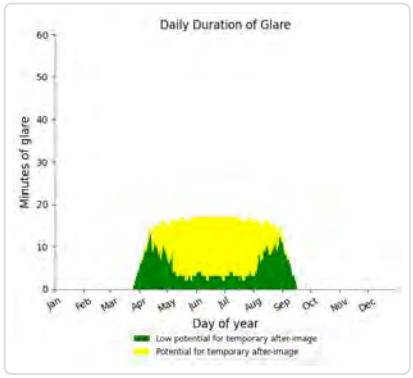


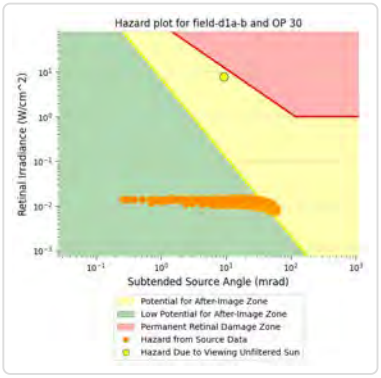
Field D1A-B Array: OP 30

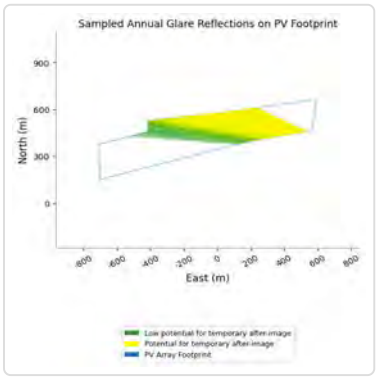
PV array is expected to produce the following glare for this receptor:

- 928 minutes of "green" glare with low potential to cause temporary after-image.
- 1,563 minutes of "yellow" glare with potential to cause temporary after-image.





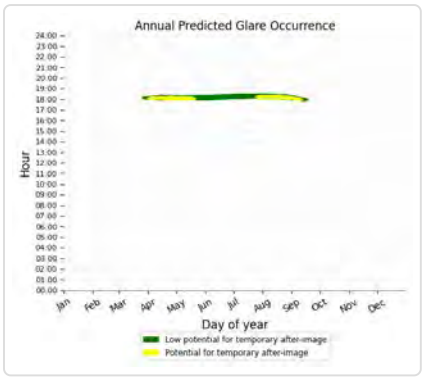


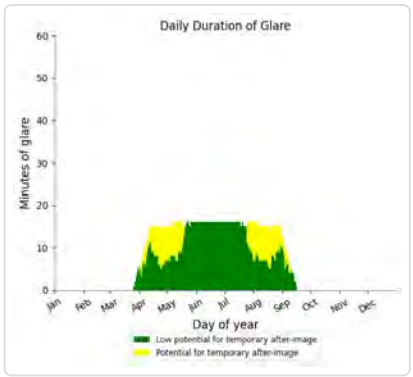


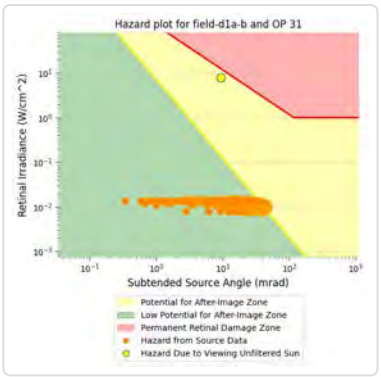
Field D1A-B Array: OP 31

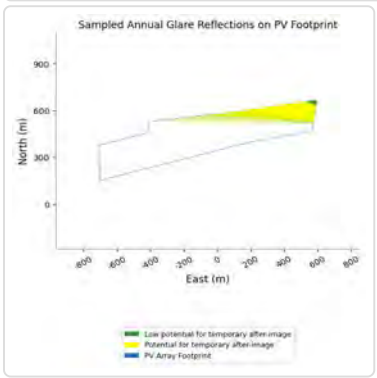
PV array is expected to produce the following glare for this receptor:

- 1,819 minutes of "green" glare with low potential to cause temporary after-image.
- 605 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 32

No glare found

Field D1A-B Array: OP 33

No glare found

Field D1A-B Array: OP 34

No glare found

Field D1A-B Array: OP 35

No glare found

Field D1A-B Array: OP 36

No glare found

Field D1A-B Array: OP 37

No glare found

Field D1A-B Array: OP 38

No glare found

Field D1A-B Array: OP 39

No glare found

Field D1A-B Array: OP 40

No glare found

Field D1A-B Array: OP 41

No glare found

Field D1A-B Array: OP 42

No glare found

Field D1A-B Array: OP 43

No glare found

Field D1A-B Array: OP 44

No glare found

Field D1A-B Array: OP 45

No glare found

Field D1A-B Array: OP 46

No glare found

Field D1A-B Array: OP 47

No glare found

Field D1A-B Array: OP 48

No glare found

Field D1A-B Array: OP 49

No glare found

Field D1A-B Array: OP 50

No glare found

Field D1A-B Array: OP 51

No glare found

Field D1A-B Array: OP 52

No glare found

Field D1A-B Array: OP 53

No glare found

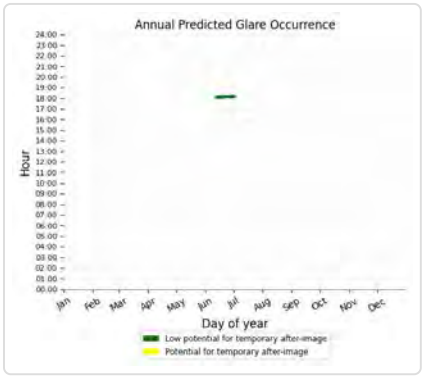
Field D1A-B Array: OP 54

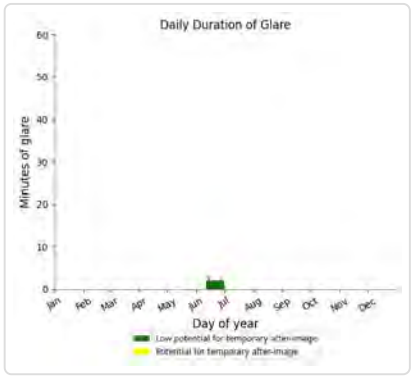
No glare found

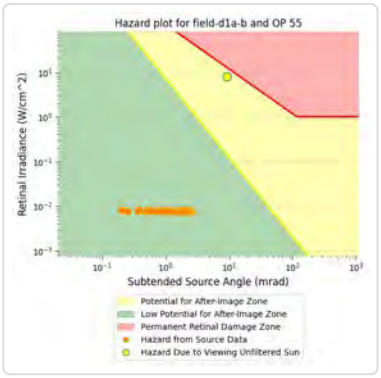
Field D1A-B Array: OP 55

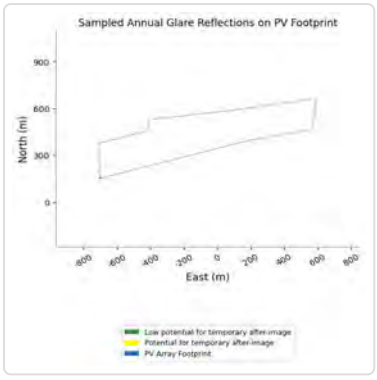
PV array is expected to produce the following glare for this receptor:

- 42 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





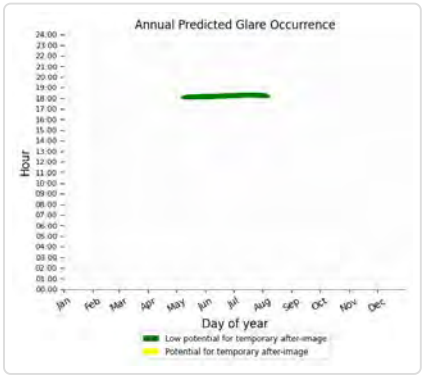


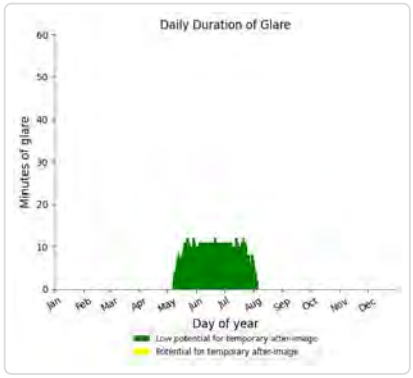


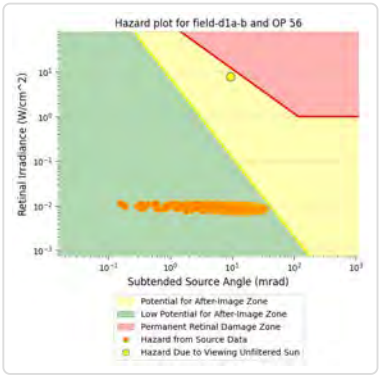
Field D1A-B Array: OP 56

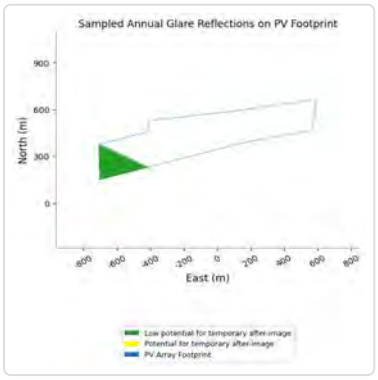
PV array is expected to produce the following glare for this receptor:

- 906 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





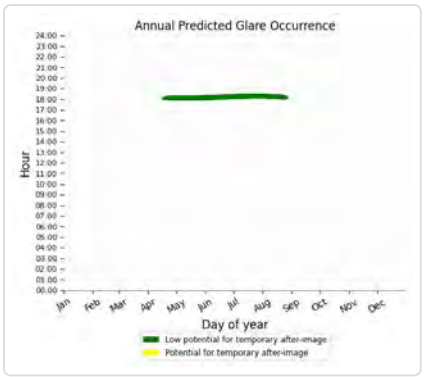




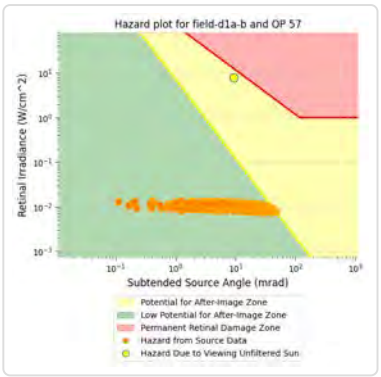
Field D1A-B Array: OP 57

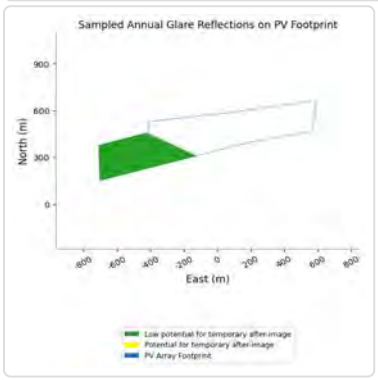
PV array is expected to produce the following glare for this receptor:

- 1,712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





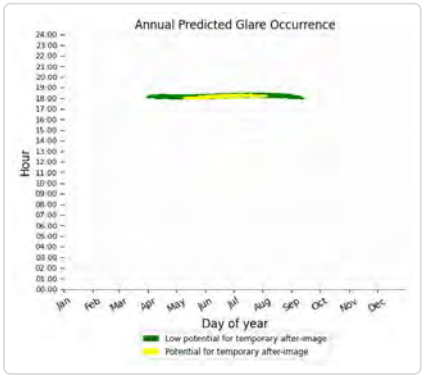


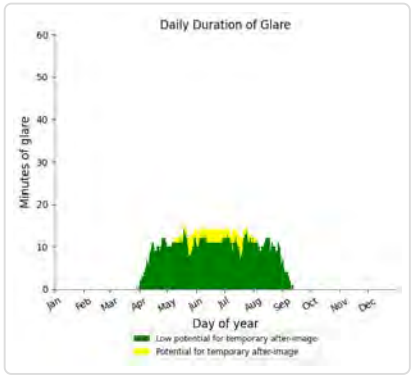


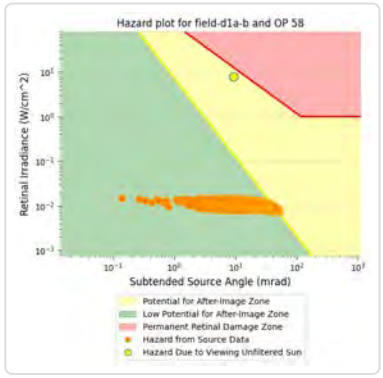
Field D1A-B Array: OP 58

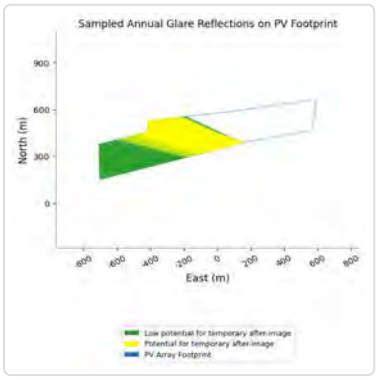
PV array is expected to produce the following glare for this receptor:

- 1,621 minutes of "green" glare with low potential to cause temporary after-image.
- 202 minutes of "yellow" glare with potential to cause temporary after-image.





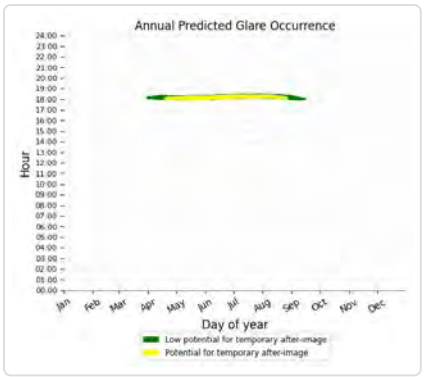


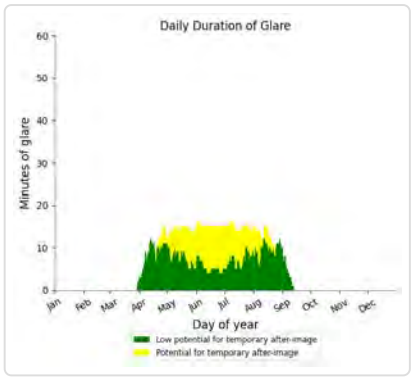


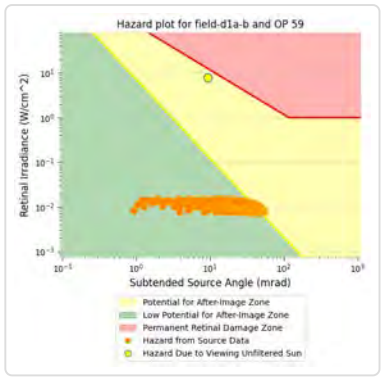
Field D1A-B Array: OP 59

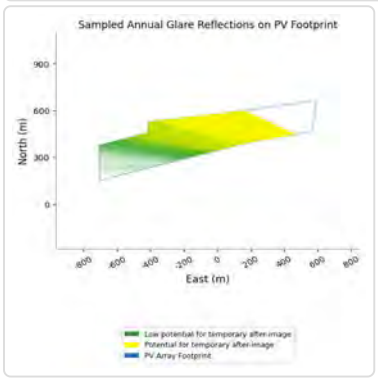
PV array is expected to produce the following glare for this receptor:

- 1,241 minutes of "green" glare with low potential to cause temporary after-image.
- 867 minutes of "yellow" glare with potential to cause temporary after-image.





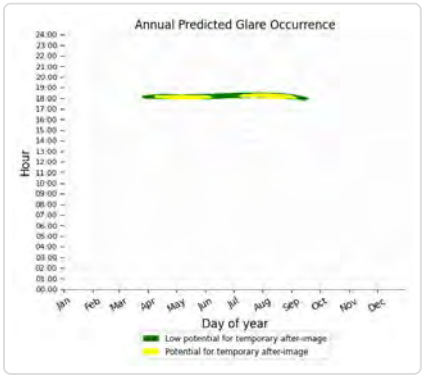


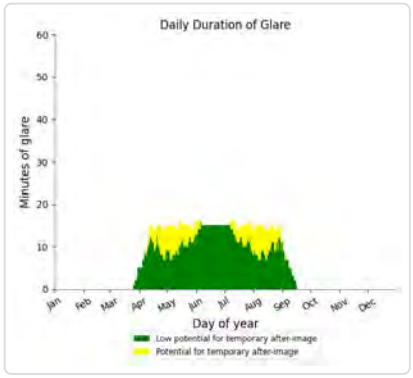


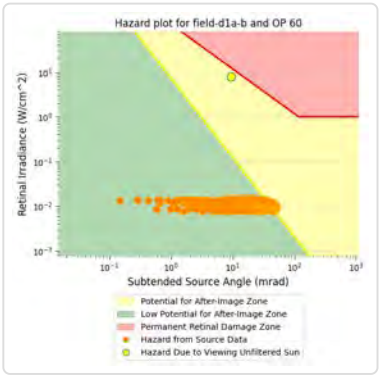
Field D1A-B Array: OP 60

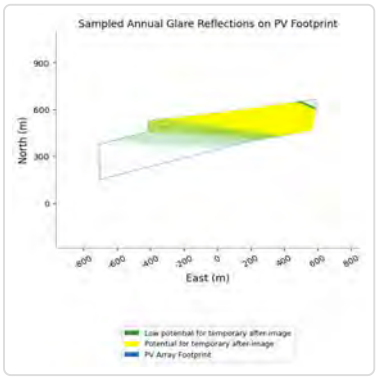
PV array is expected to produce the following glare for this receptor:

- 1,761 minutes of "green" glare with low potential to cause temporary after-image.
- 536 minutes of "yellow" glare with potential to cause temporary after-image.





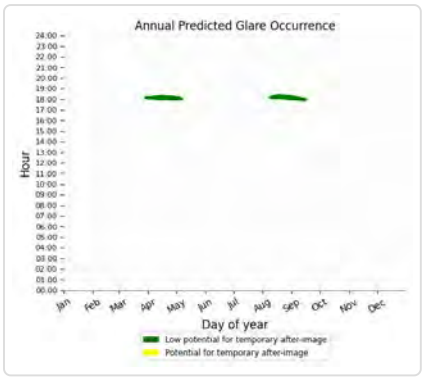


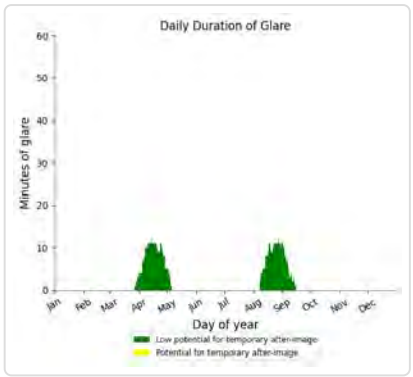


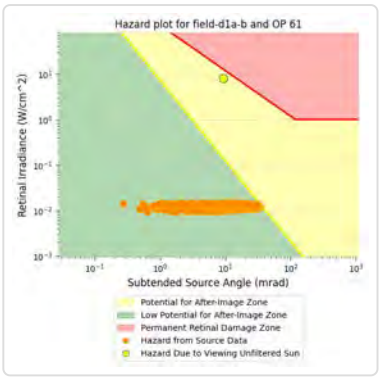
Field D1A-B Array: OP 61

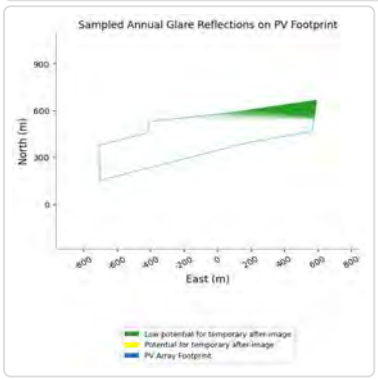
PV array is expected to produce the following glare for this receptor:

- 572 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





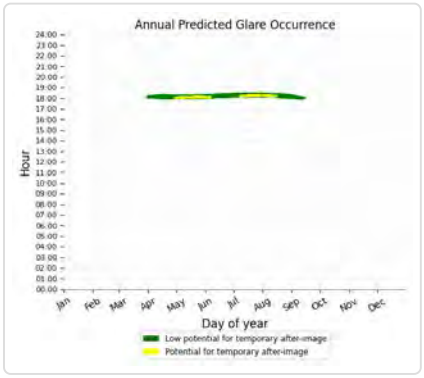


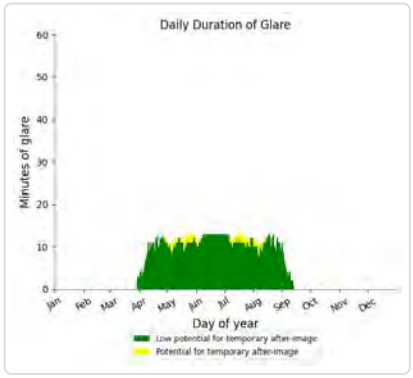


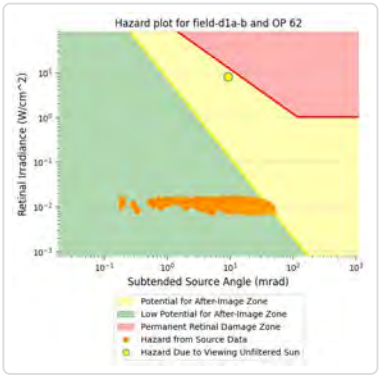
Field D1A-B Array: OP 62

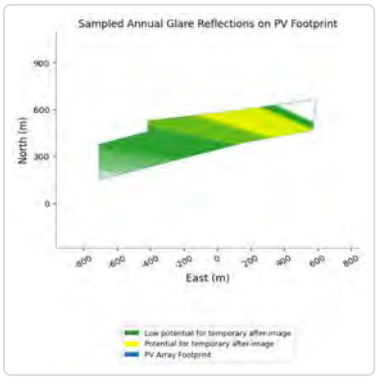
PV array is expected to produce the following glare for this receptor:

- 1,733 minutes of "green" glare with low potential to cause temporary after-image.
- 100 minutes of "yellow" glare with potential to cause temporary after-image.





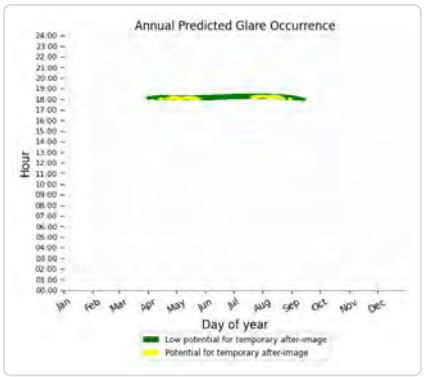


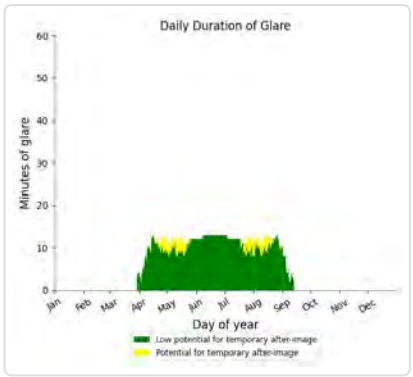


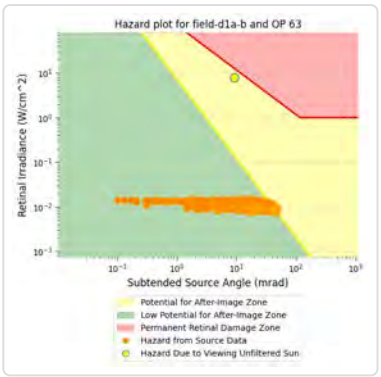
Field D1A-B Array: OP 63

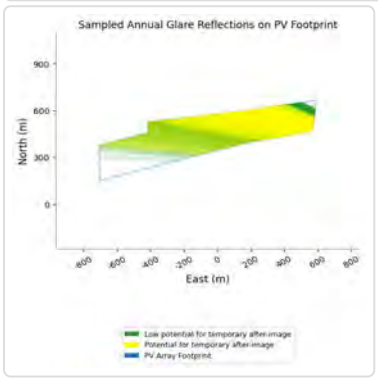
PV array is expected to produce the following glare for this receptor:

- 1,678 minutes of "green" glare with low potential to cause temporary after-image.
- 176 minutes of "yellow" glare with potential to cause temporary after-image.





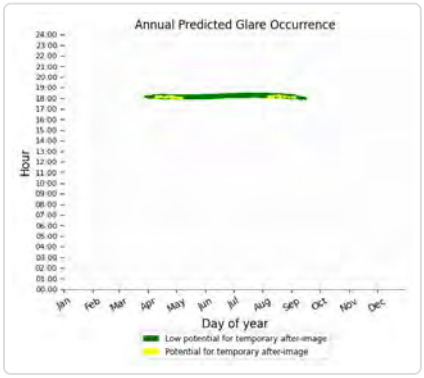


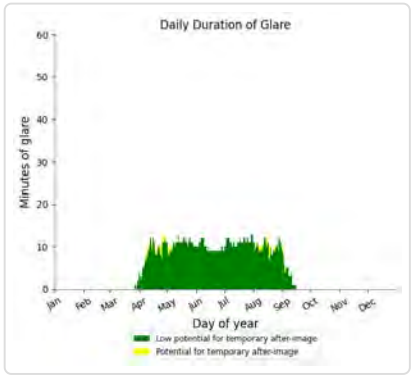


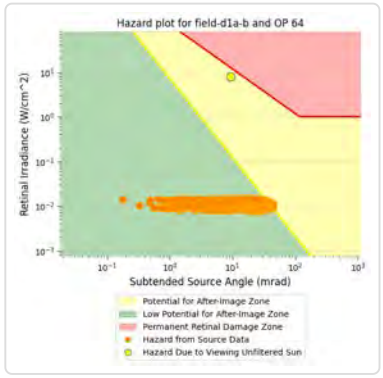
Field D1A-B Array: OP 64

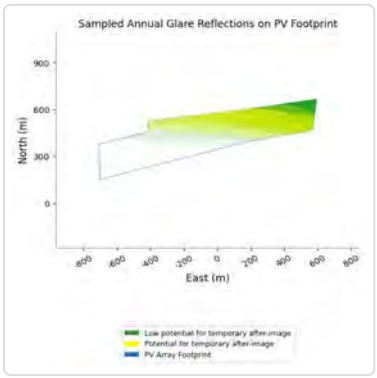
PV array is expected to produce the following glare for this receptor:

- 1,590 minutes of "green" glare with low potential to cause temporary after-image.
- 50 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 65

No glare found

Field D1A-B Array: OP 66

No glare found

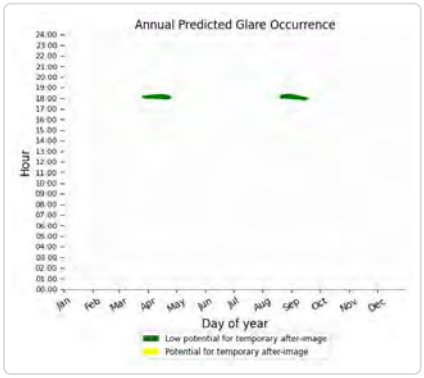
Field D1A-B Array: OP 67

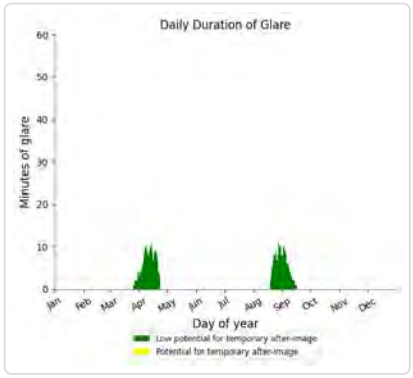
No glare found

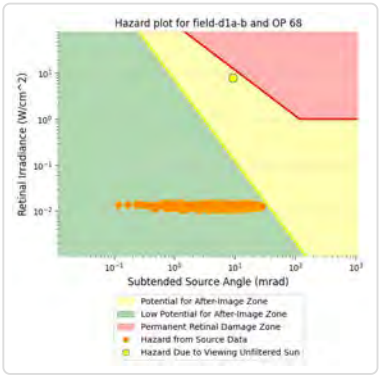
Field D1A-B Array: OP 68

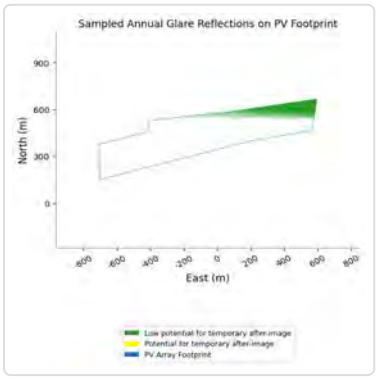
PV array is expected to produce the following glare for this receptor:

- 359 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 69

No glare found

Field D1A-B Array: OP 70

No glare found

Field D1C Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0

OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	1246	1631
OP: OP 32	819	2866
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	1118	0
OP: OP 61	1339	1241
OP: OP 62	0	0
OP: OP 63	783	0
OP: OP 64	1548	0
OP: OP 65	917	1685
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	2459	32
OP: OP 69	1236	0
OP: OP 70	106	0

Field D1C Array: OP 1

No glare found

Field D1C Array: OP 2

No glare found

Field D1C Array: OP 3

No glare found

Field D1C Array: OP 4

No glare found

Field D1C Array: OP 5

No glare found

Field D1C Array: OP 6

No glare found

Field D1C Array: OP 7

No glare found

Field D1C Array: OP 8

No glare found

Field D1C Array: OP 9

No glare found

Field D1C Array: OP 10

No glare found

Field D1C Array: OP 11

No glare found

Field D1C Array: OP 12

No glare found

Field D1C Array: OP 13

No glare found

Field D1C Array: OP 14

No glare found

Field D1C Array: OP 15

No glare found

Field D1C Array: OP 16

No glare found

Field D1C Array: OP 17

No glare found

Field D1C Array: OP 18

No glare found

Field D1C Array: OP 19

No glare found

Field D1C Array: OP 20

No glare found

Field D1C Array: OP 21

No glare found

Field D1C Array: OP 22

No glare found

Field D1C Array: OP 23

No glare found

Field D1C Array: OP 24

No glare found

Field D1C Array: OP 25

No glare found

Field D1C Array: OP 26

No glare found

Field D1C Array: OP 27

No glare found

Field D1C Array: OP 28

No glare found

Field D1C Array: OP 29

No glare found

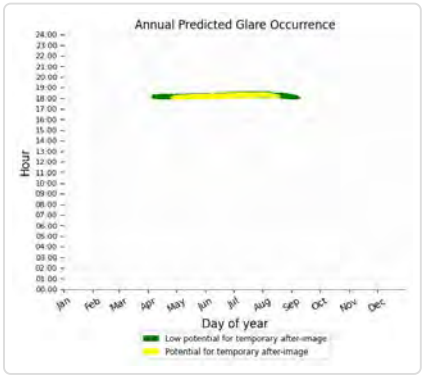
Field D1C Array: OP 30

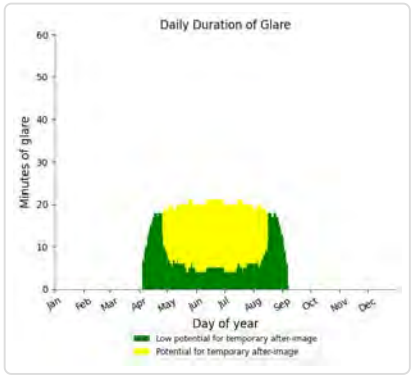
No glare found

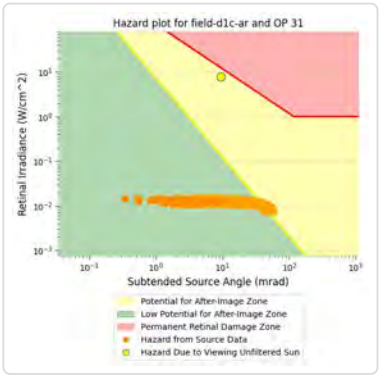
Field D1C Array: OP 31

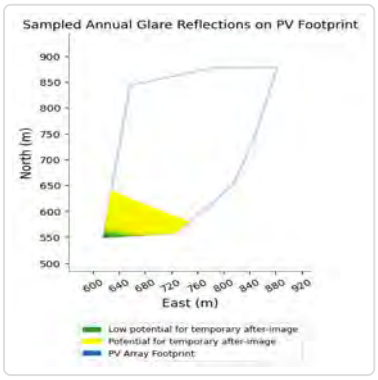
PV array is expected to produce the following glare for this receptor:

- 1,246 minutes of "green" glare with low potential to cause temporary after-image.
- 1,631 minutes of "yellow" glare with potential to cause temporary after-image.





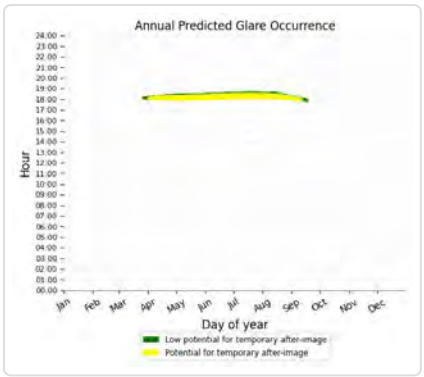


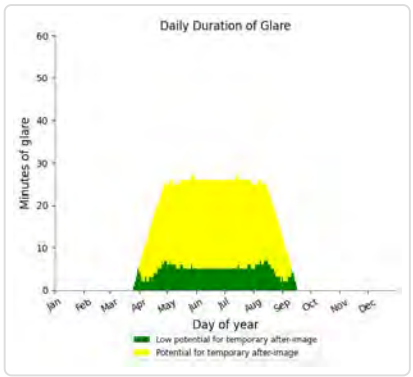


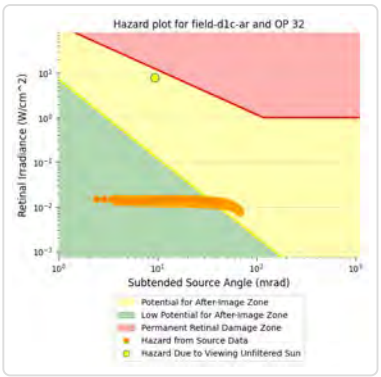
Field D1C Array: OP 32

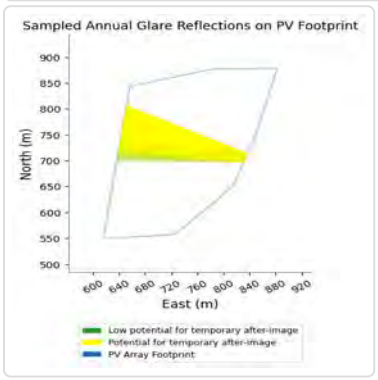
PV array is expected to produce the following glare for this receptor:

- 819 minutes of "green" glare with low potential to cause temporary after-image.
- 2,866 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 33

No glare found

Field D1C Array: OP 34

No glare found

Field D1C Array: OP 35

No glare found

Field D1C Array: OP 36

No glare found

Field D1C Array: OP 37

No glare found

Field D1C Array: OP 38

No glare found

Field D1C Array: OP 39

No glare found

Field D1C Array: OP 40

No glare found

Field D1C Array: OP 41

No glare found

Field D1C Array: OP 42

No glare found

Field D1C Array: OP 43

No glare found

Field D1C Array: OP 44

No glare found

Field D1C Array: OP 45

No glare found

Field D1C Array: OP 46

No glare found

Field D1C Array: OP 47

No glare found

Field D1C Array: OP 48

No glare found

Field D1C Array: OP 49

No glare found

Field D1C Array: OP 50

No glare found

Field D1C Array: OP 51

No glare found

Field D1C Array: OP 52

No glare found

Field D1C Array: OP 53

No glare found

Field D1C Array: OP 54

No glare found

Field D1C Array: OP 55

No glare found

Field D1C Array: OP 56

No glare found

Field D1C Array: OP 57

No glare found

Field D1C Array: OP 58

No glare found

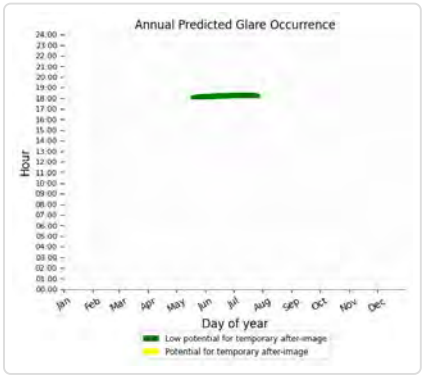
Field D1C Array: OP 59

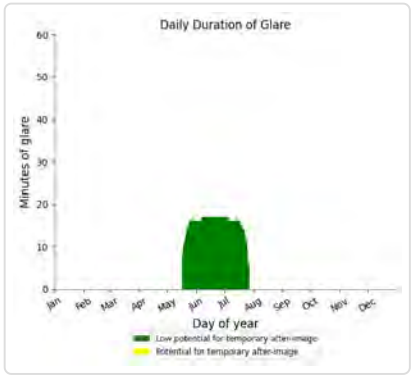
No glare found

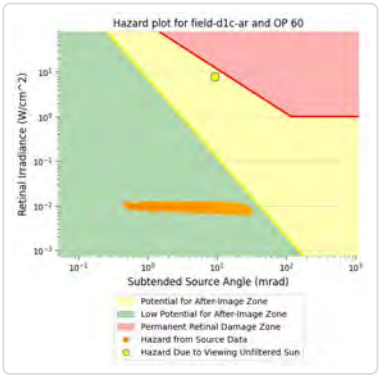
Field D1C Array: OP 60

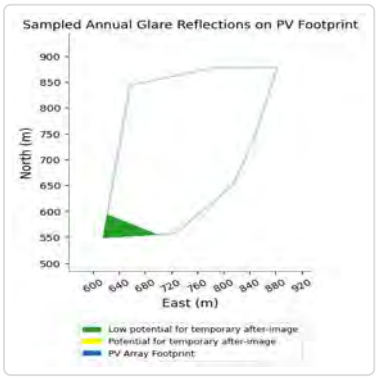
PV array is expected to produce the following glare for this receptor:

- 1,118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





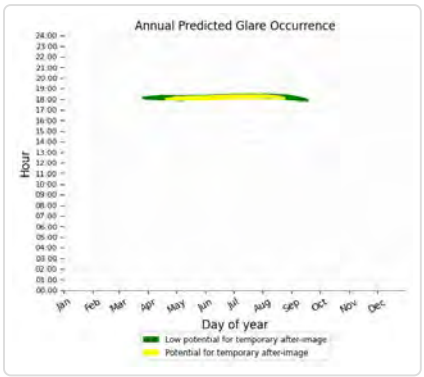


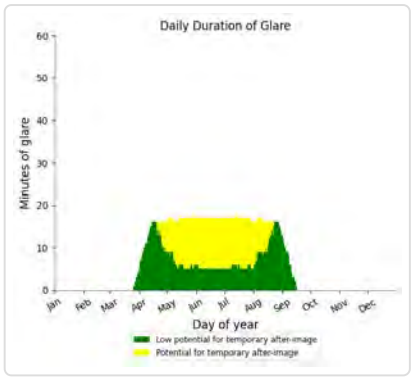


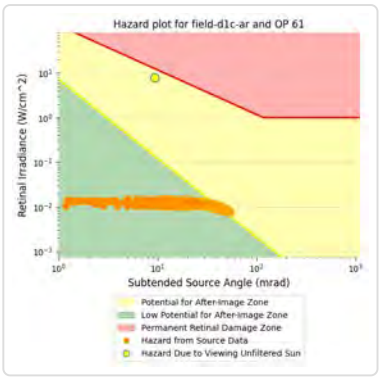
Field D1C Array: OP 61

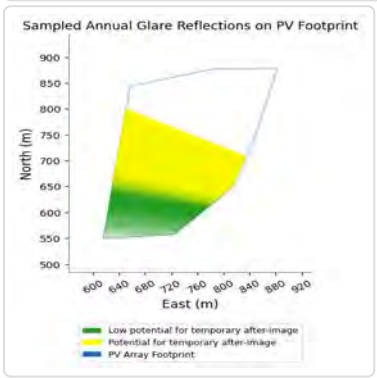
PV array is expected to produce the following glare for this receptor:

- 1,339 minutes of "green" glare with low potential to cause temporary after-image.
- 1,241 minutes of "yellow" glare with potential to cause temporary after-image.









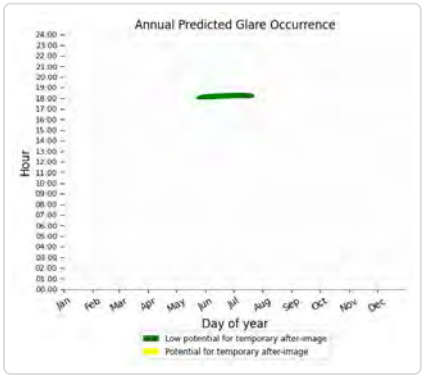
Field D1C Array: OP 62

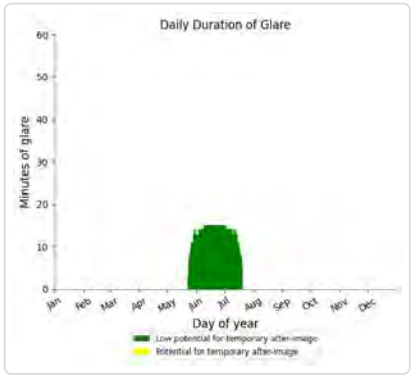
No glare found

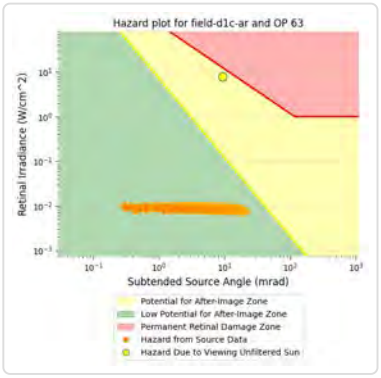
Field D1C Array: OP 63

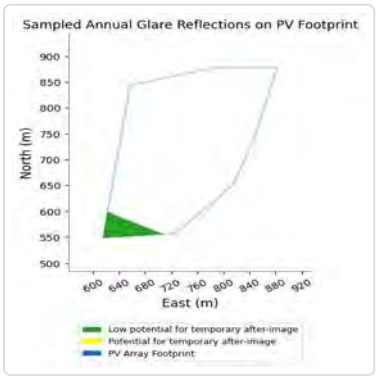
PV array is expected to produce the following glare for this receptor:

- 783 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





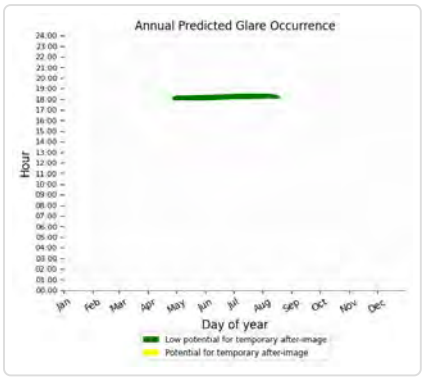




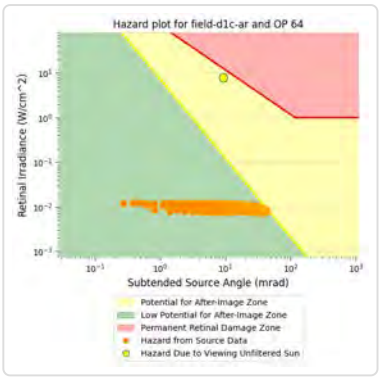
Field D1C Array: OP 64

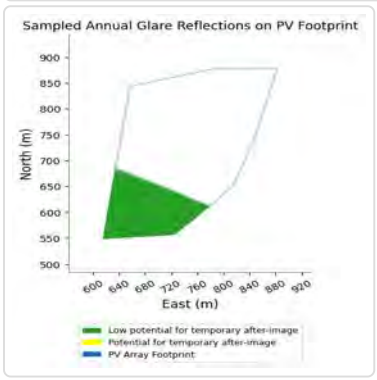
PV array is expected to produce the following glare for this receptor:

- 1,548 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





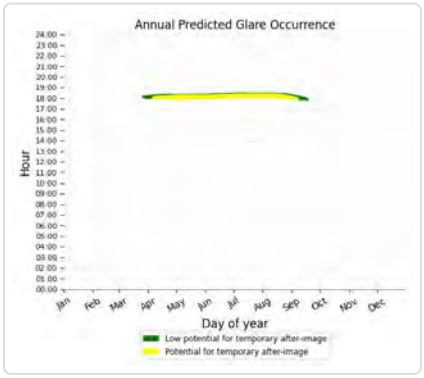


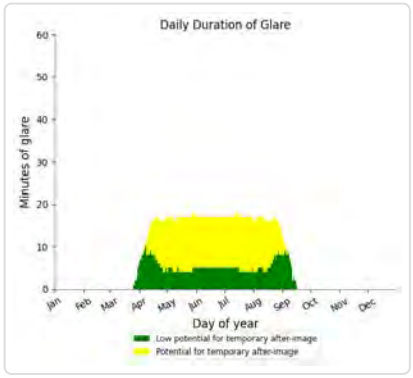


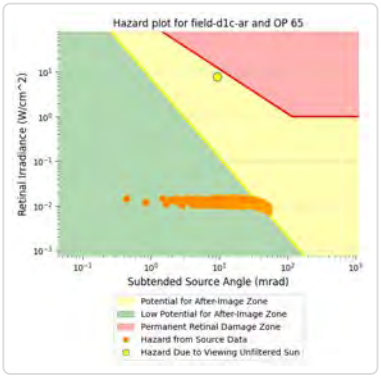
Field D1C Array: OP 65

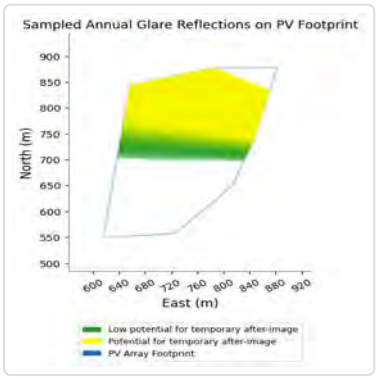
PV array is expected to produce the following glare for this receptor:

- 917 minutes of "green" glare with low potential to cause temporary after-image.
- 1,685 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 66

No glare found

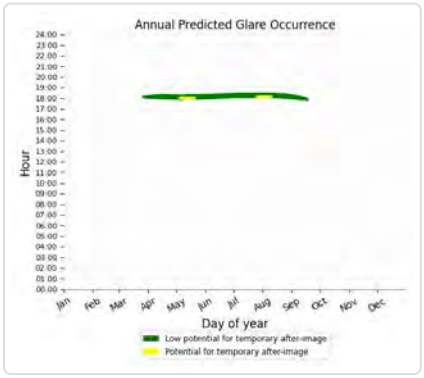
Field D1C Array: OP 67

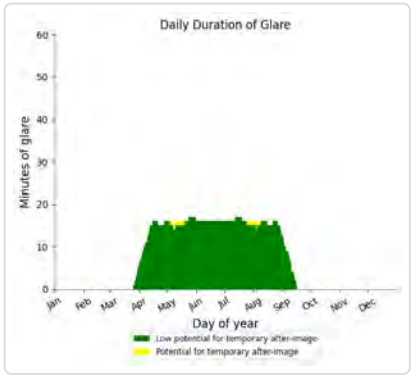
No glare found

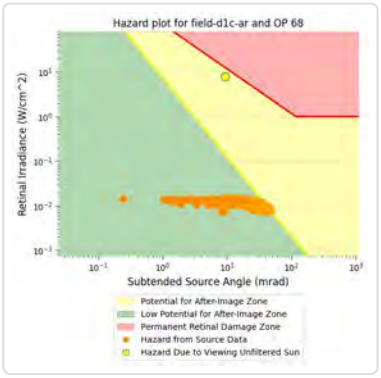
Field D1C Array: OP 68

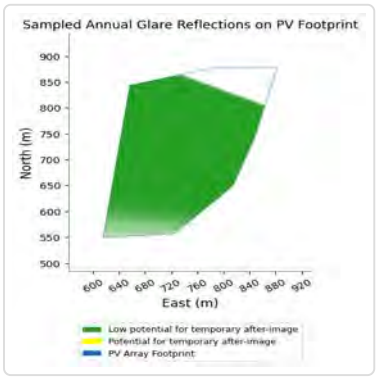
PV array is expected to produce the following glare for this receptor:

- 2,459 minutes of "green" glare with low potential to cause temporary after-image.
- 32 minutes of "yellow" glare with potential to cause temporary after-image.





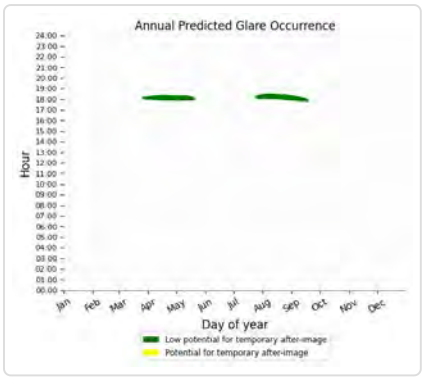


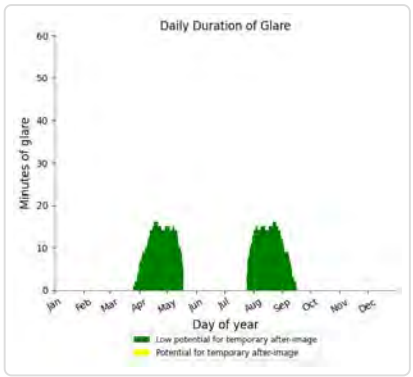


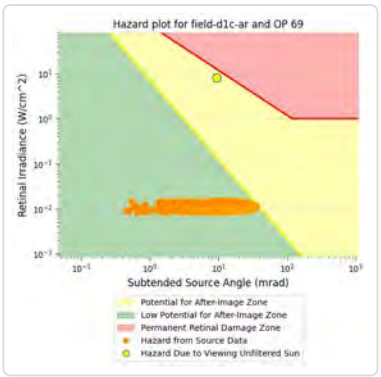
Field D1C Array: OP 69

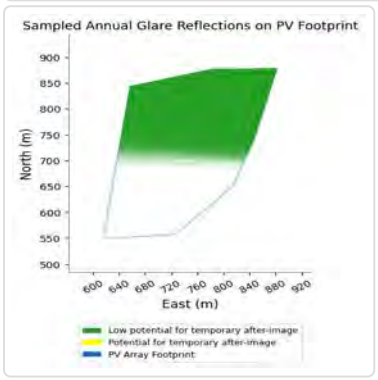
PV array is expected to produce the following glare for this receptor:

- 1,236 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





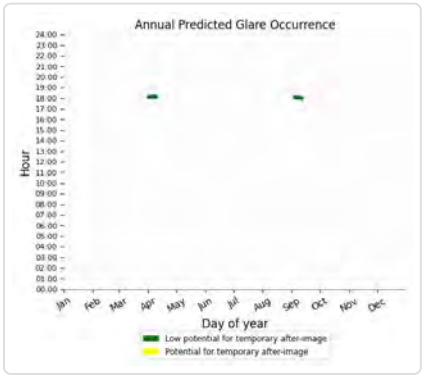


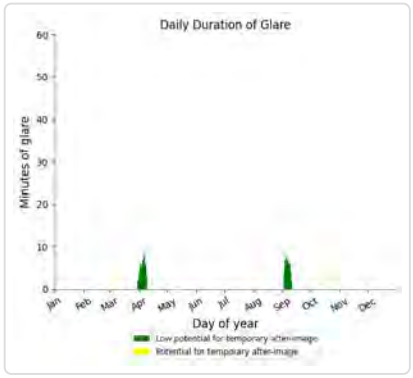


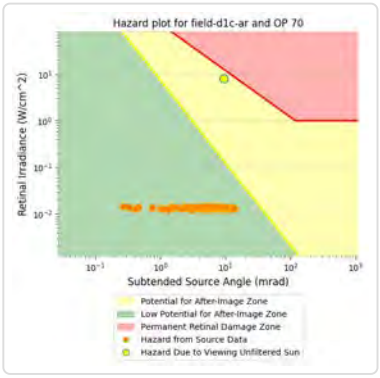
Field D1C Array: OP 70

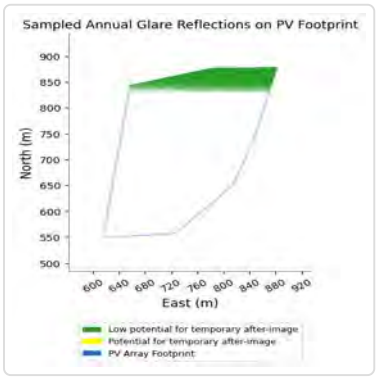
PV array is expected to produce the following glare for this receptor:

- 106 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	1481	0
OP: OP 22	814	1692
OP: OP 23	533	2081
OP: OP 24	698	1627
OP: OP 25	839	1728

OP: OP 26	587	2027
OP: OP 27	715	1713
OP: OP 28	2049	586
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	317	0
OP: OP 51	1338	32
OP: OP 52	1397	408
OP: OP 53	1714	394
OP: OP 54	1369	528
OP: OP 55	1449	114
OP: OP 56	1619	484
OP: OP 57	1967	147
OP: OP 58	550	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	21	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D2 Array: OP 1

No glare found

Field D2 Array: OP 2

No glare found

Field D2 Array: OP 3

No glare found

Field D2 Array: OP 4

No glare found

Field D2 Array: OP 5

No glare found

Field D2 Array: OP 6

No glare found

Field D2 Array: OP 7

No glare found

Field D2 Array: OP 8

No glare found

Field D2 Array: OP 9

No glare found

Field D2 Array: OP 10

No glare found

Field D2 Array: OP 11

No glare found

Field D2 Array: OP 12

No glare found

Field D2 Array: OP 13

No glare found

Field D2 Array: OP 14

No glare found

Field D2 Array: OP 15

No glare found

Field D2 Array: OP 16

No glare found

Field D2 Array: OP 17

No glare found

Field D2 Array: OP 18

No glare found

Field D2 Array: OP 19

No glare found

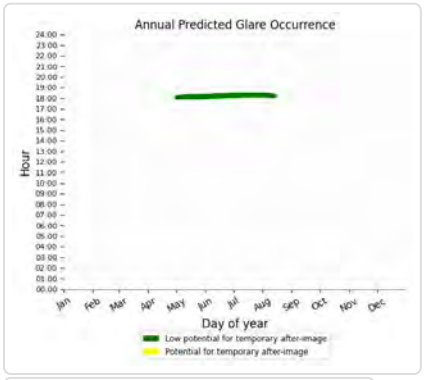
Field D2 Array: OP 20

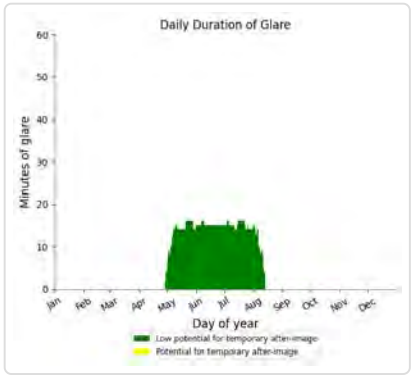
No glare found

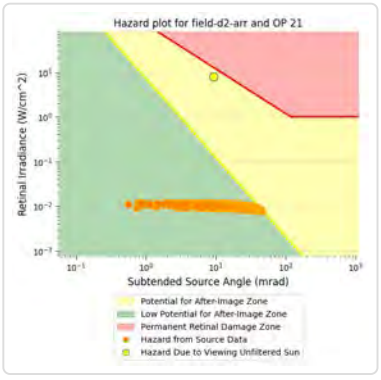
Field D2 Array: OP 21

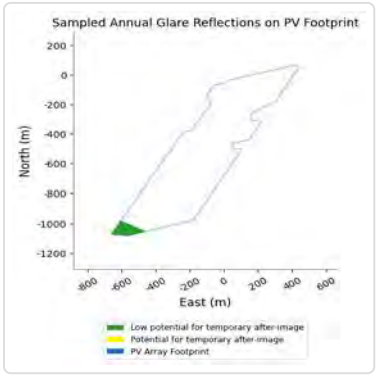
PV array is expected to produce the following glare for this receptor:

- 1,481 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





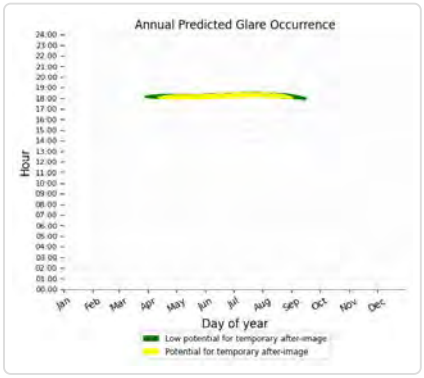


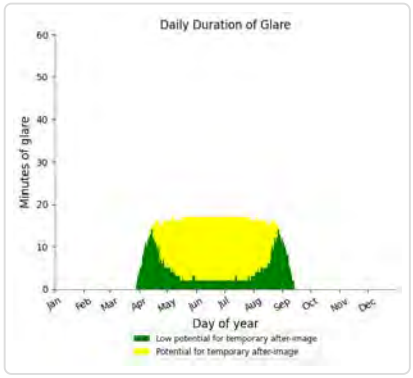


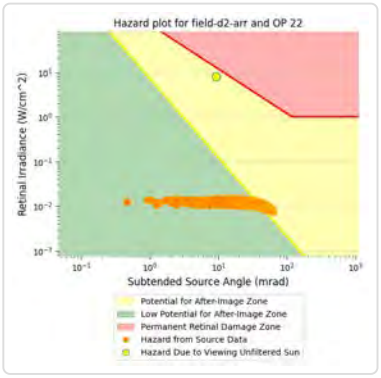
Field D2 Array: OP 22

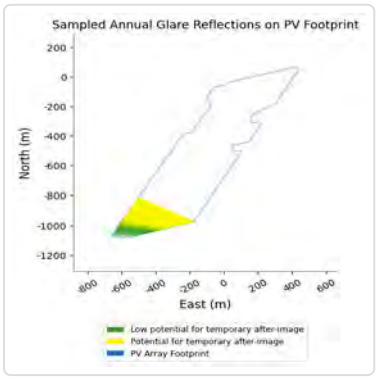
PV array is expected to produce the following glare for this receptor:

- 814 minutes of "green" glare with low potential to cause temporary after-image.
- 1,692 minutes of "yellow" glare with potential to cause temporary after-image.





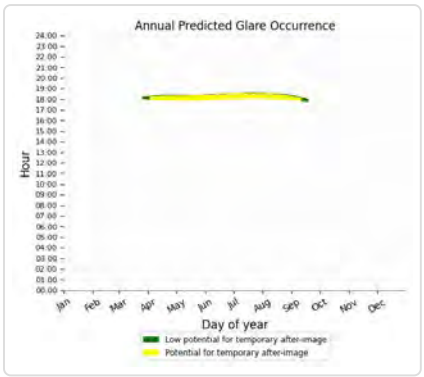


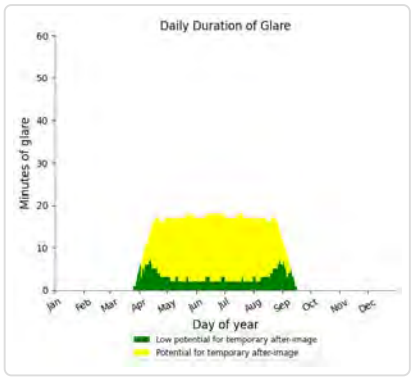


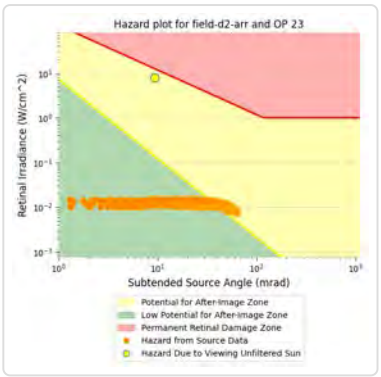
Field D2 Array: OP 23

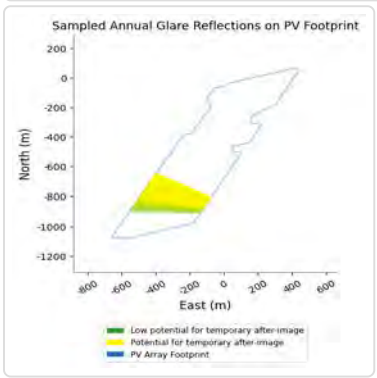
PV array is expected to produce the following glare for this receptor:

- 533 minutes of "green" glare with low potential to cause temporary after-image.
- 2,081 minutes of "yellow" glare with potential to cause temporary after-image.





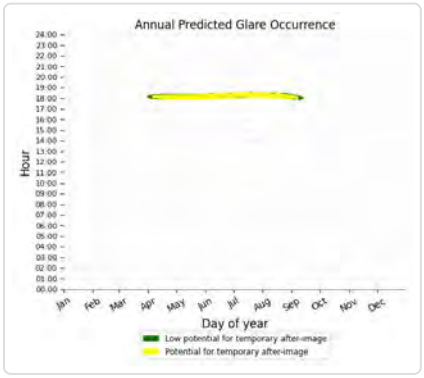


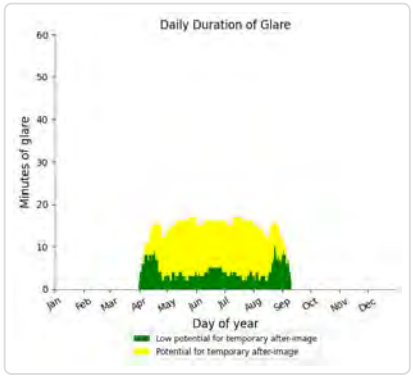


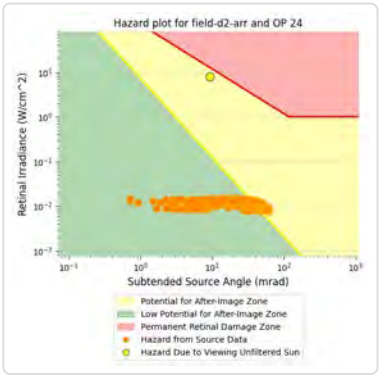
Field D2 Array: OP 24

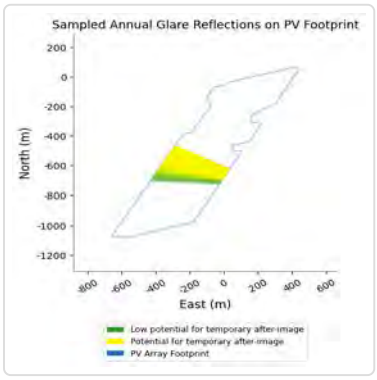
PV array is expected to produce the following glare for this receptor:

- 698 minutes of "green" glare with low potential to cause temporary after-image.
- 1,627 minutes of "yellow" glare with potential to cause temporary after-image.





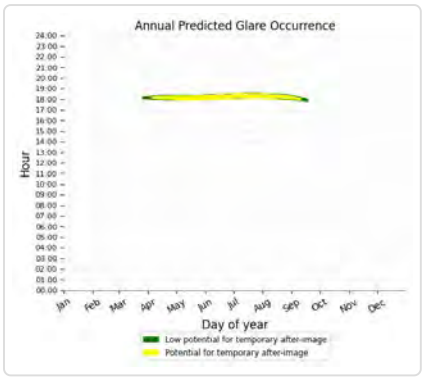


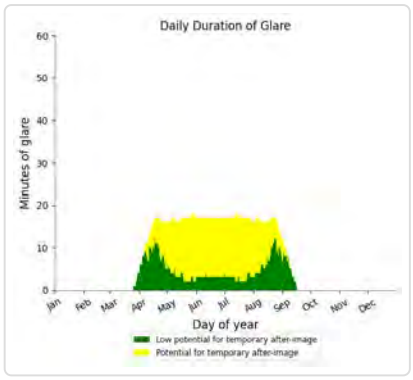


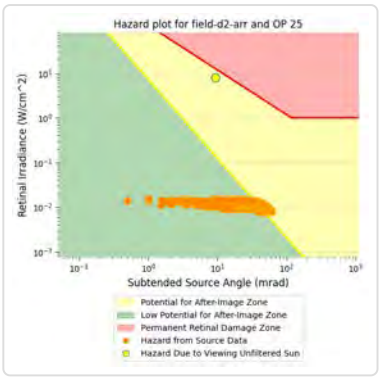
Field D2 Array: OP 25

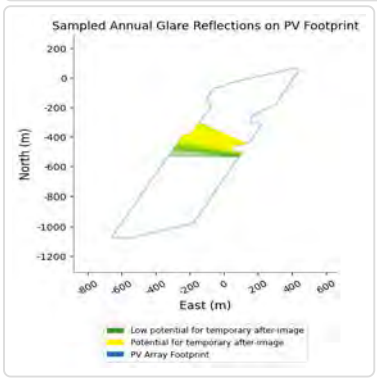
PV array is expected to produce the following glare for this receptor:

- 839 minutes of "green" glare with low potential to cause temporary after-image.
- 1,728 minutes of "yellow" glare with potential to cause temporary after-image.





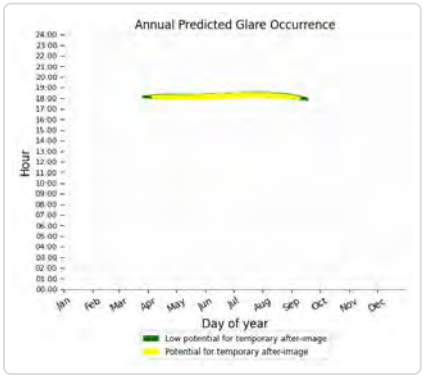


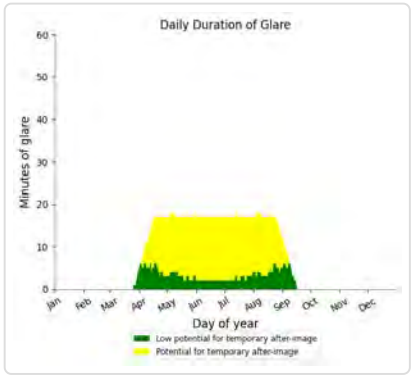


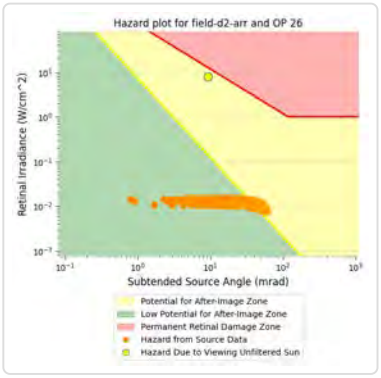
Field D2 Array: OP 26

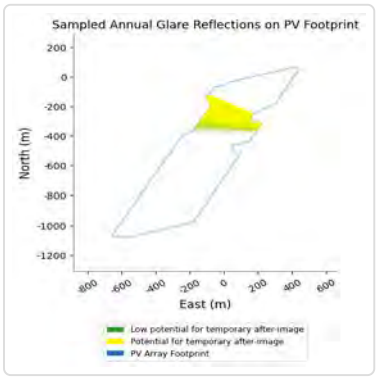
PV array is expected to produce the following glare for this receptor:

- 587 minutes of "green" glare with low potential to cause temporary after-image.
- 2,027 minutes of "yellow" glare with potential to cause temporary after-image.





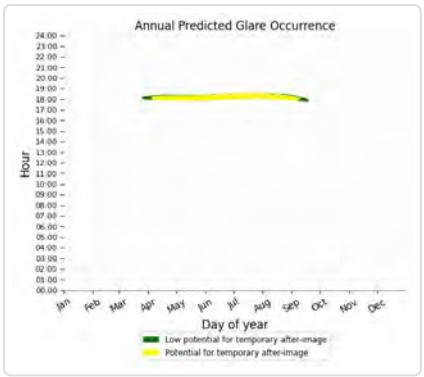


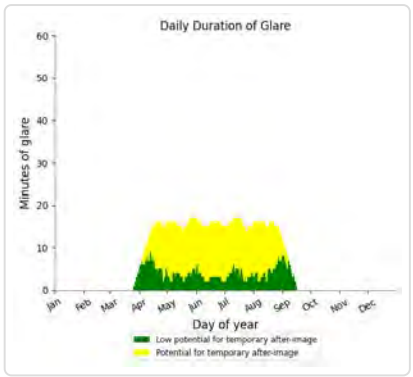


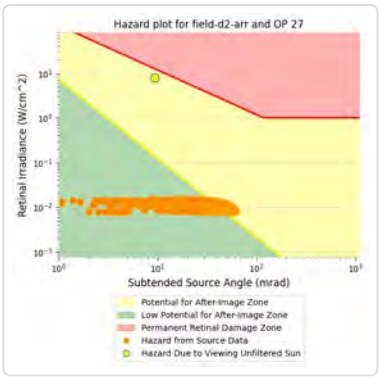
Field D2 Array: OP 27

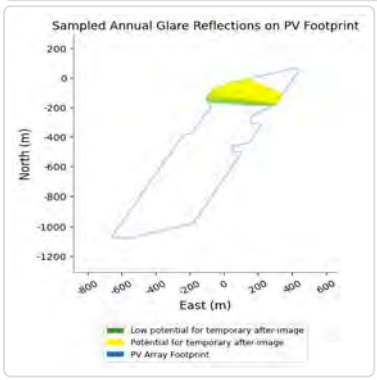
PV array is expected to produce the following glare for this receptor:

- 715 minutes of "green" glare with low potential to cause temporary after-image.
- 1,713 minutes of "yellow" glare with potential to cause temporary after-image.





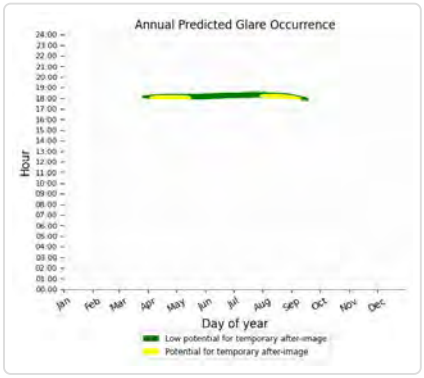


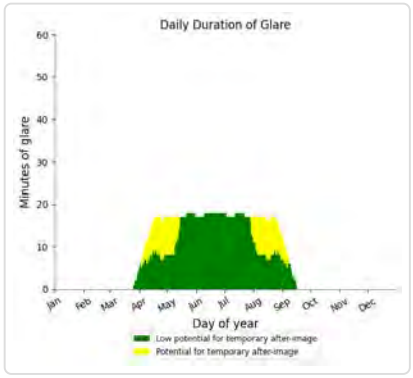


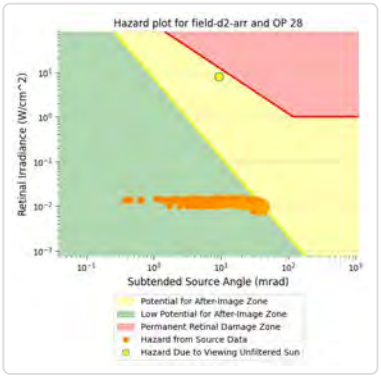
Field D2 Array: OP 28

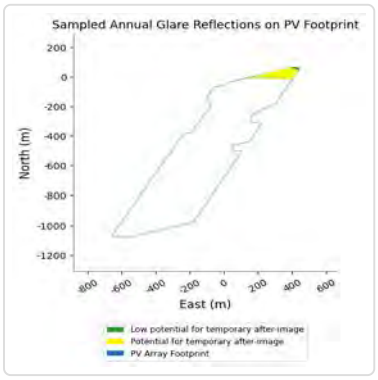
PV array is expected to produce the following glare for this receptor:

- 2,049 minutes of "green" glare with low potential to cause temporary after-image.
- 586 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 29

No glare found

Field D2 Array: OP 30

No glare found

Field D2 Array: OP 31

No glare found

Field D2 Array: OP 32

No glare found

Field D2 Array: OP 33

No glare found

Field D2 Array: OP 34

No glare found

Field D2 Array: OP 35

No glare found

Field D2 Array: OP 36

No glare found

Field D2 Array: OP 37

No glare found

Field D2 Array: OP 38

No glare found

Field D2 Array: OP 39

No glare found

Field D2 Array: OP 40

No glare found

Field D2 Array: OP 41

No glare found

Field D2 Array: OP 42

No glare found

Field D2 Array: OP 43

No glare found

Field D2 Array: OP 44

No glare found

Field D2 Array: OP 45

No glare found

Field D2 Array: OP 46

No glare found

Field D2 Array: OP 47

No glare found

Field D2 Array: OP 48

No glare found

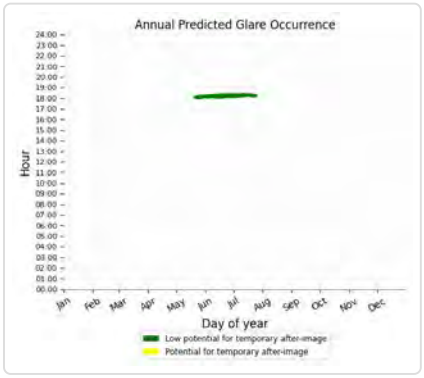
Field D2 Array: OP 49

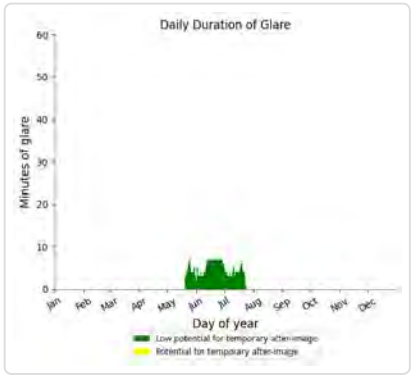
No glare found

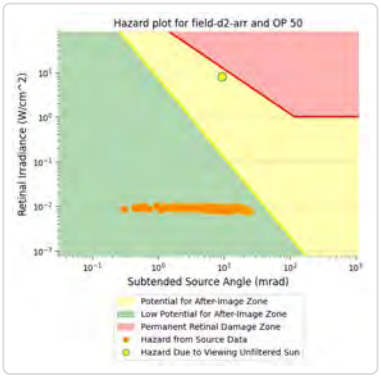
Field D2 Array: OP 50

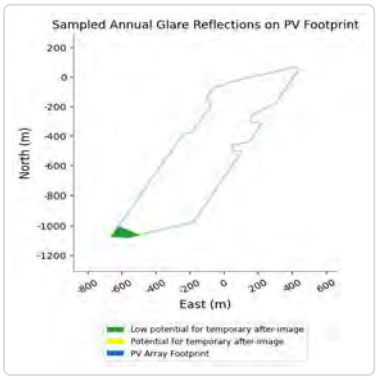
PV array is expected to produce the following glare for this receptor:

- 317 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





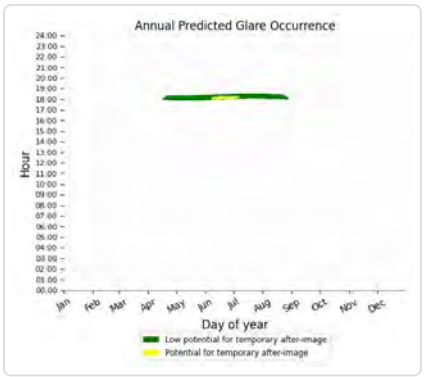


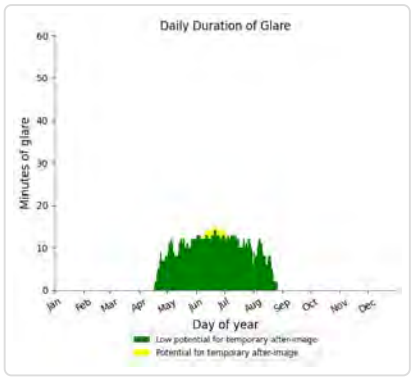


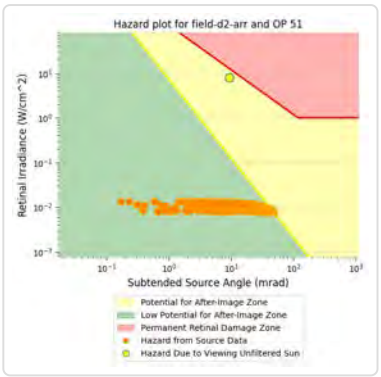
Field D2 Array: OP 51

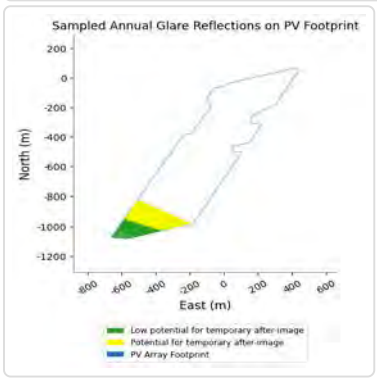
PV array is expected to produce the following glare for this receptor:

- 1,338 minutes of "green" glare with low potential to cause temporary after-image.
- 32 minutes of "yellow" glare with potential to cause temporary after-image.





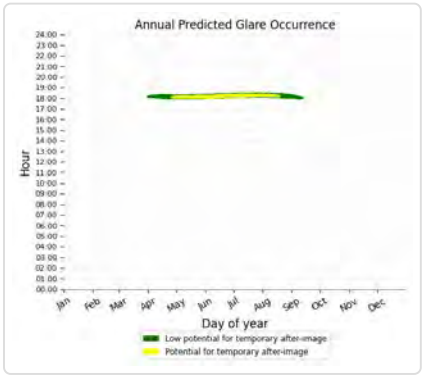


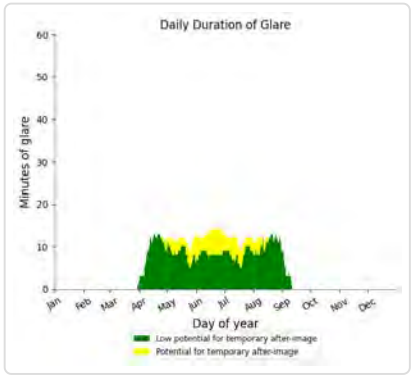


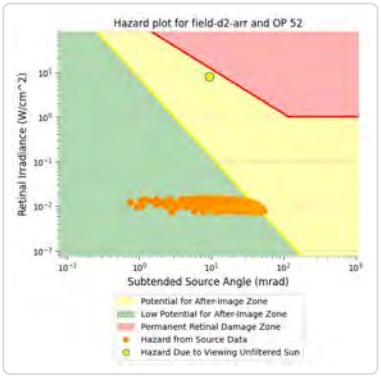
Field D2 Array: OP 52

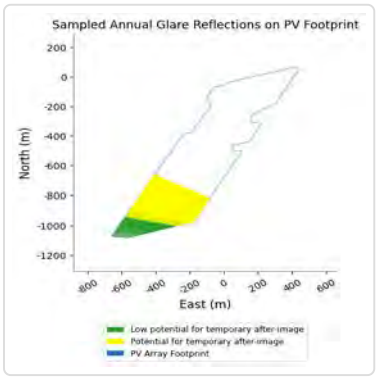
PV array is expected to produce the following glare for this receptor:

- 1,397 minutes of "green" glare with low potential to cause temporary after-image.
- 408 minutes of "yellow" glare with potential to cause temporary after-image.





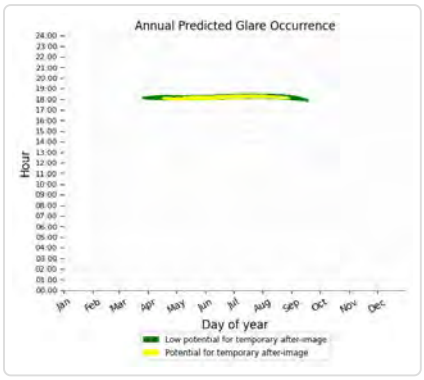


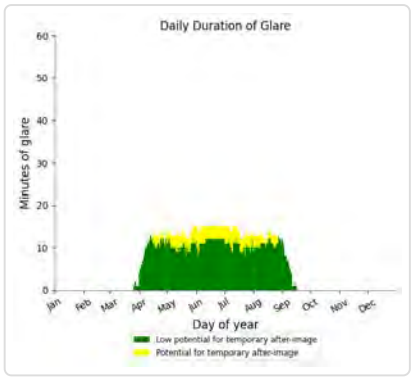


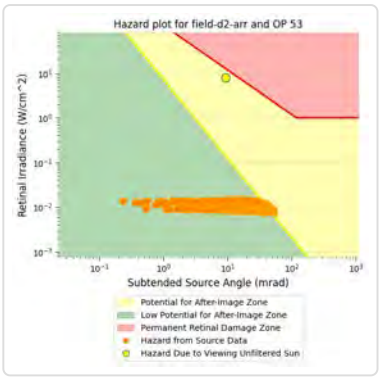
Field D2 Array: OP 53

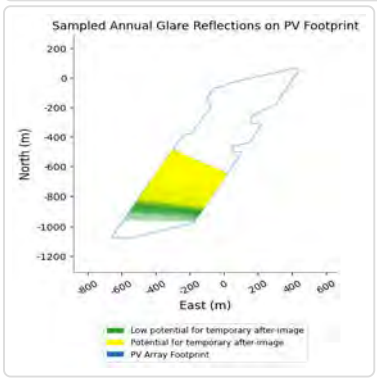
PV array is expected to produce the following glare for this receptor:

- 1,714 minutes of "green" glare with low potential to cause temporary after-image.
- 394 minutes of "yellow" glare with potential to cause temporary after-image.





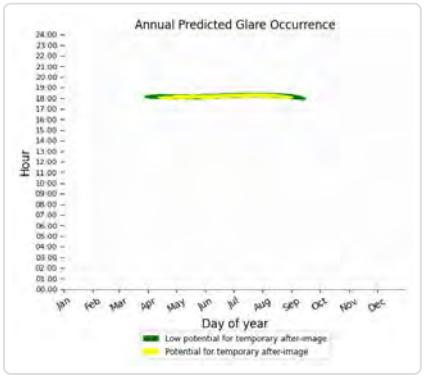


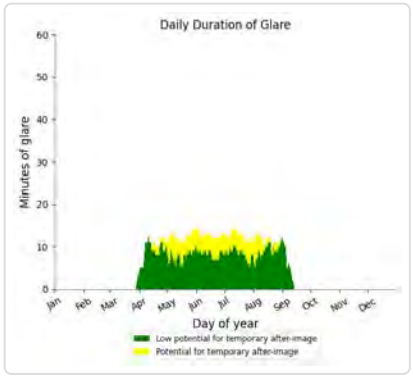


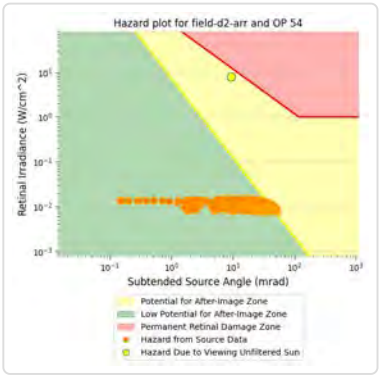
Field D2 Array: OP 54

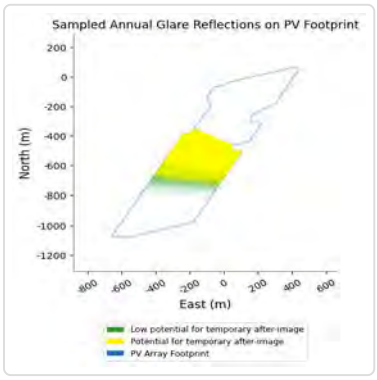
PV array is expected to produce the following glare for this receptor:

- 1,369 minutes of "green" glare with low potential to cause temporary after-image.
- 528 minutes of "yellow" glare with potential to cause temporary after-image.





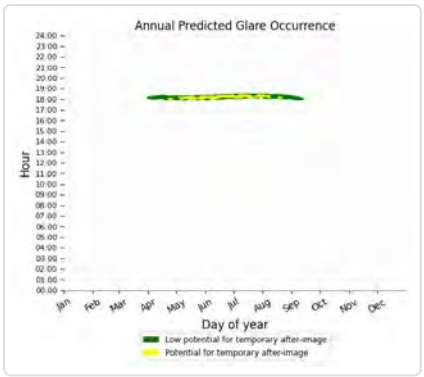


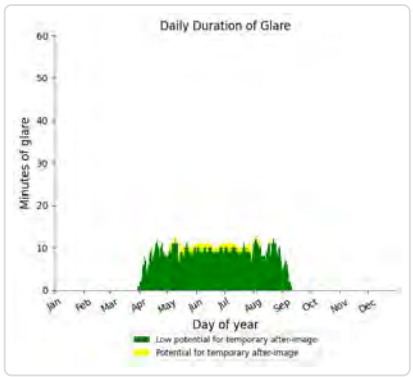


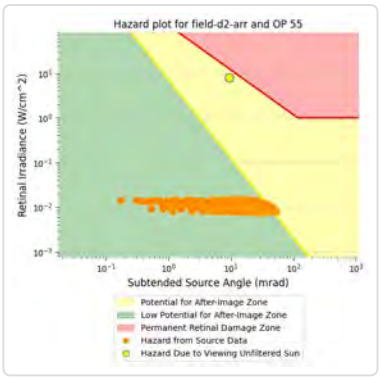
Field D2 Array: OP 55

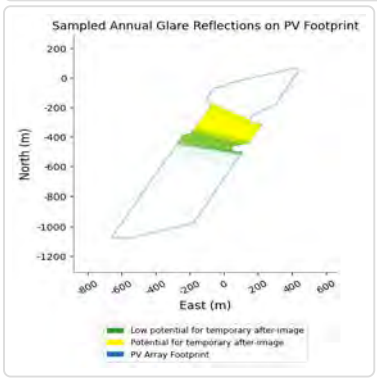
PV array is expected to produce the following glare for this receptor:

- 1,449 minutes of "green" glare with low potential to cause temporary after-image.
- 114 minutes of "yellow" glare with potential to cause temporary after-image.





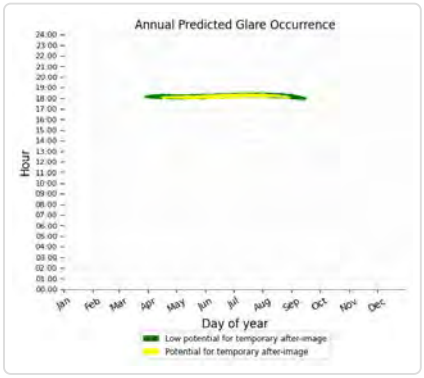


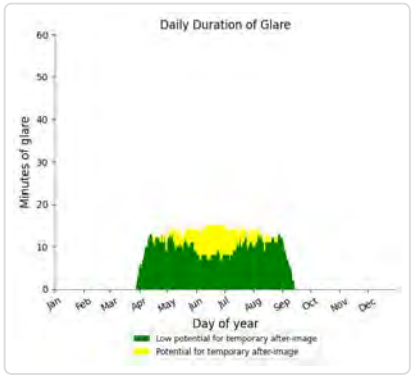


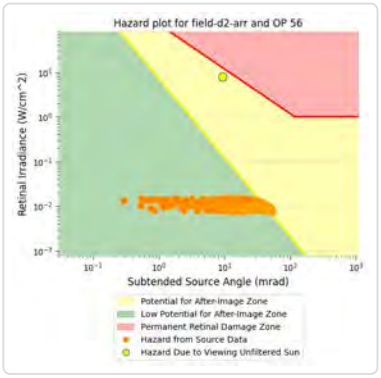
Field D2 Array: OP 56

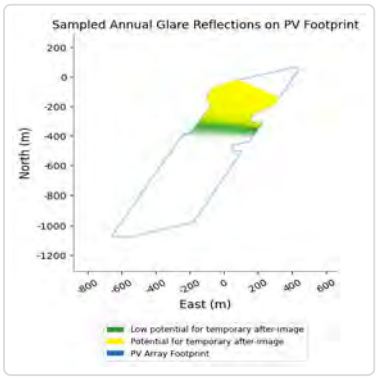
PV array is expected to produce the following glare for this receptor:

- 1,619 minutes of "green" glare with low potential to cause temporary after-image.
- 484 minutes of "yellow" glare with potential to cause temporary after-image.





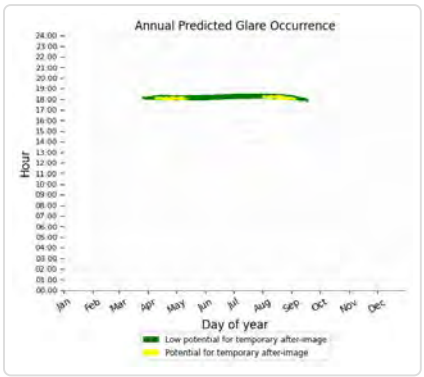


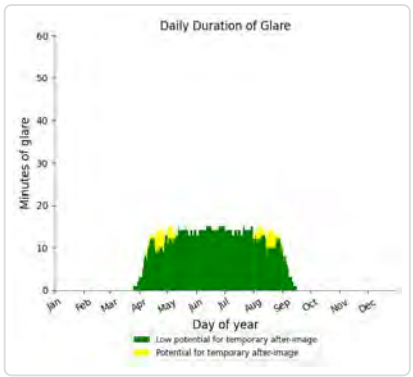


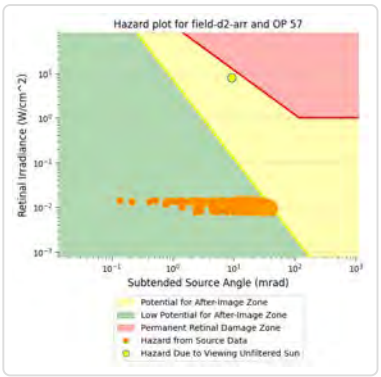
Field D2 Array: OP 57

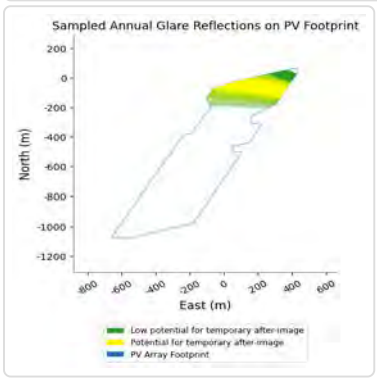
PV array is expected to produce the following glare for this receptor:

- 1,967 minutes of "green" glare with low potential to cause temporary after-image.
- 147 minutes of "yellow" glare with potential to cause temporary after-image.





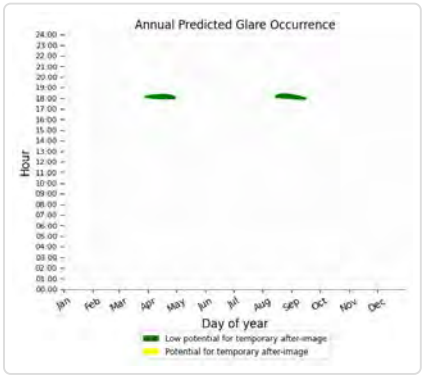


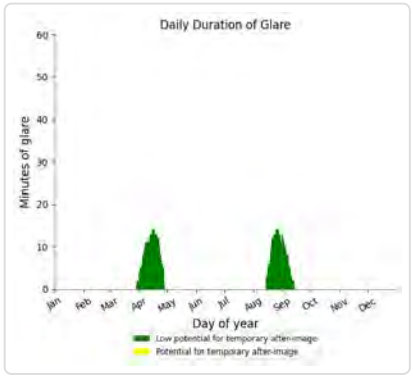


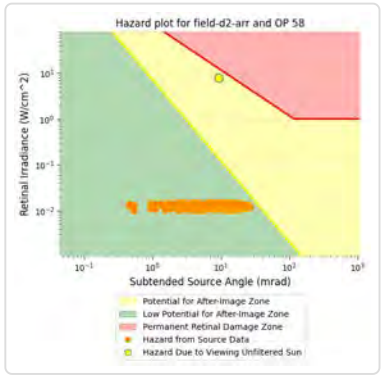
Field D2 Array: OP 58

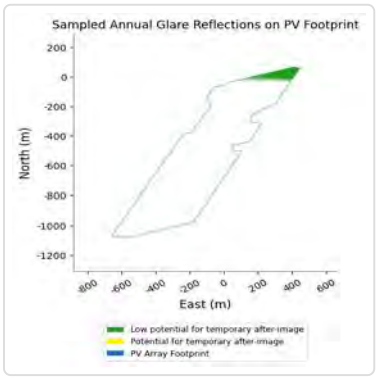
PV array is expected to produce the following glare for this receptor:

- 550 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 59

No glare found

Field D2 Array: OP 60

No glare found

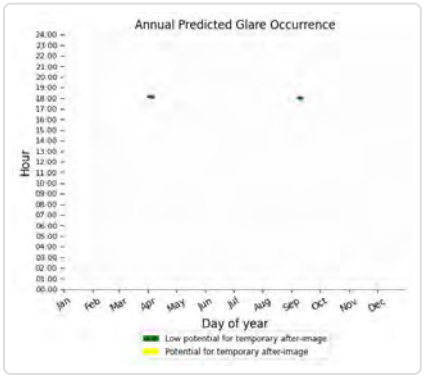
Field D2 Array: OP 61

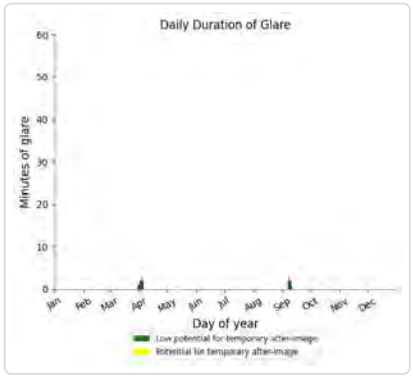
No glare found

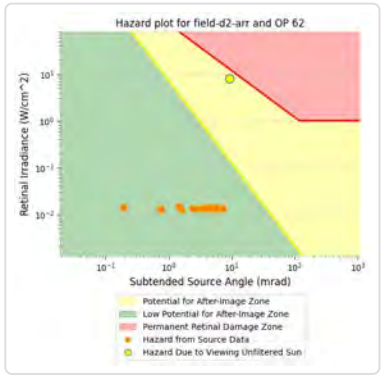
Field D2 Array: OP 62

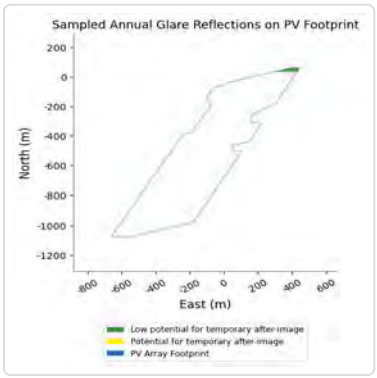
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 63

No glare found

Field D2 Array: OP 64

No glare found

Field D2 Array: OP 65

No glare found

Field D2 Array: OP 66

No glare found

Field D2 Array: OP 67

No glare found

Field D2 Array: OP 68

No glare found

Field D2 Array: OP 69

No glare found

Field D2 Array: OP 70

No glare found

Field D3 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	804	60
OP: OP 16	1392	165
OP: OP 17	795	18
OP: OP 18	495	0
OP: OP 19	570	1
OP: OP 20	1469	237
OP: OP 21	1218	878
OP: OP 22	1590	521
OP: OP 23	1267	946
OP: OP 24	1302	353
OP: OP 25	1317	267
OP: OP 26	1716	92
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	737	2
OP: OP 47	1213	0
OP: OP 48	1222	0
OP: OP 49	746	0
OP: OP 50	977	9
OP: OP 51	1234	1
OP: OP 52	1433	91

OP: OP 53	1275	80
OP: OP 54	1120	23
OP: OP 55	0	0
OP: OP 56	28	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D3 Array: OP 1

No glare found

Field D3 Array: OP 2

No glare found

Field D3 Array: OP 3

No glare found

Field D3 Array: OP 4

No glare found

Field D3 Array: OP 5

No glare found

Field D3 Array: OP 6

No glare found

Field D3 Array: OP 7

No glare found

Field D3 Array: OP 8

No glare found

Field D3 Array: OP 9

No glare found

Field D3 Array: OP 10

No glare found

Field D3 Array: OP 11

No glare found

Field D3 Array: OP 12

No glare found

Field D3 Array: OP 13

No glare found

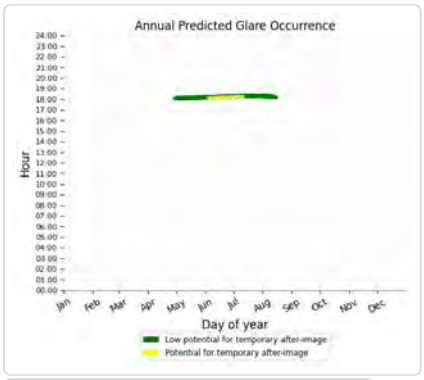
Field D3 Array: OP 14

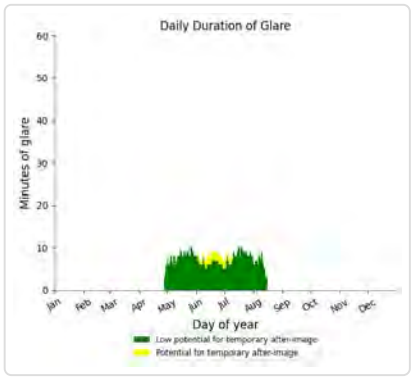
No glare found

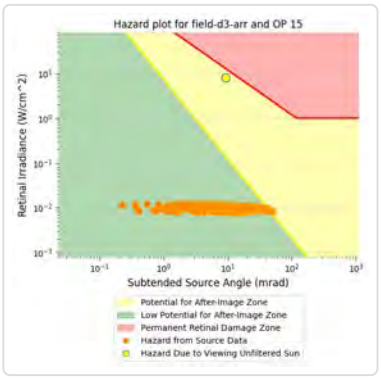
Field D3 Array: OP 15

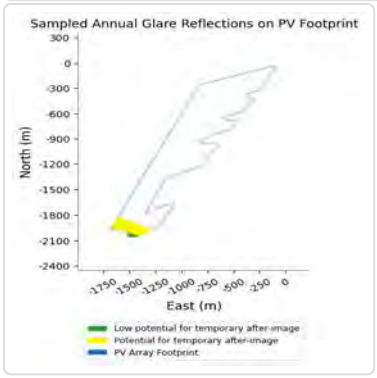
PV array is expected to produce the following glare for this receptor:

- 804 minutes of "green" glare with low potential to cause temporary after-image.
- 60 minutes of "yellow" glare with potential to cause temporary after-image.





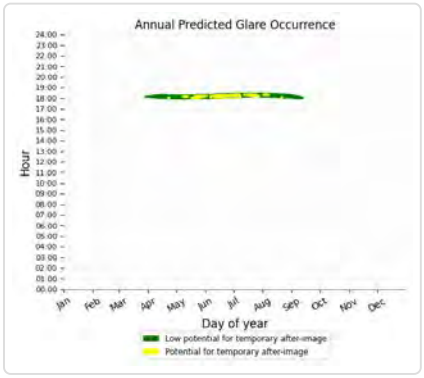


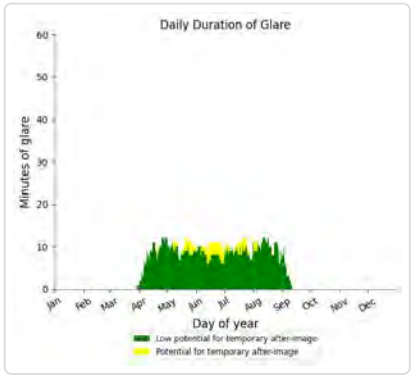


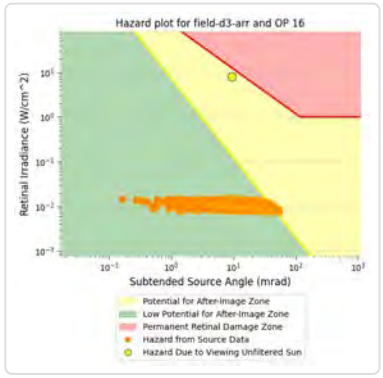
Field D3 Array: OP 16

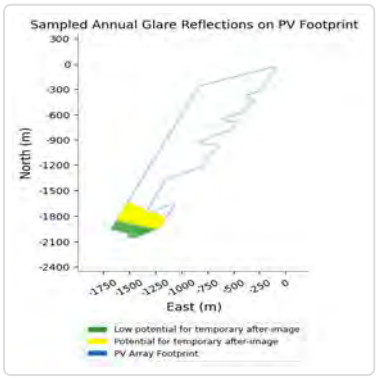
PV array is expected to produce the following glare for this receptor:

- 1,392 minutes of "green" glare with low potential to cause temporary after-image.
- 165 minutes of "yellow" glare with potential to cause temporary after-image.





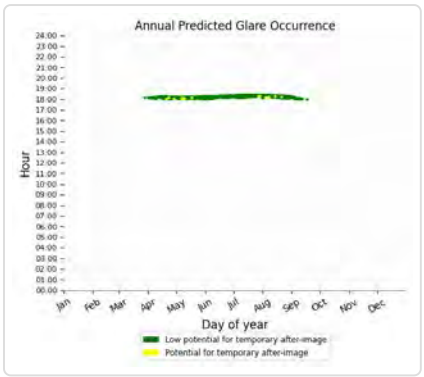


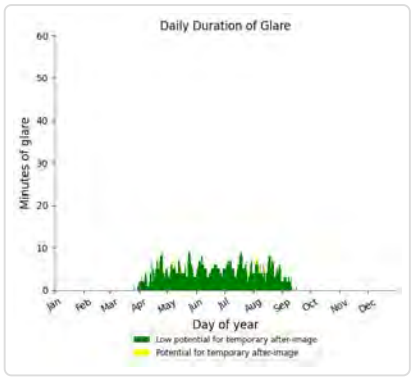


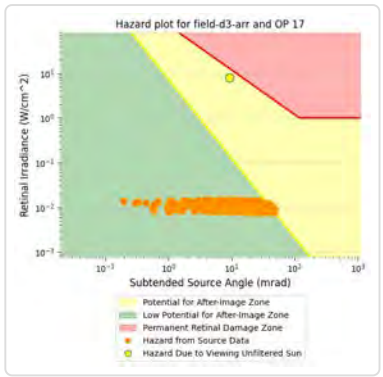
Field D3 Array: OP 17

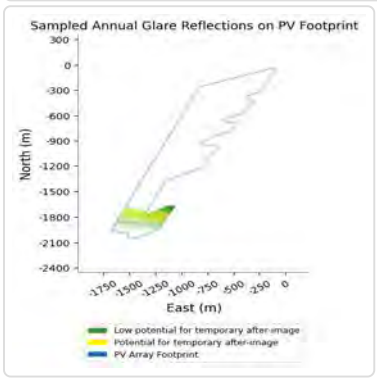
PV array is expected to produce the following glare for this receptor:

- 795 minutes of "green" glare with low potential to cause temporary after-image.
- 18 minutes of "yellow" glare with potential to cause temporary after-image.





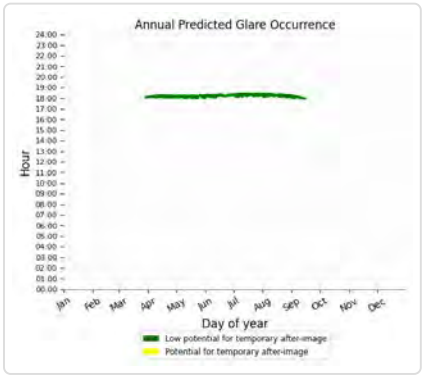


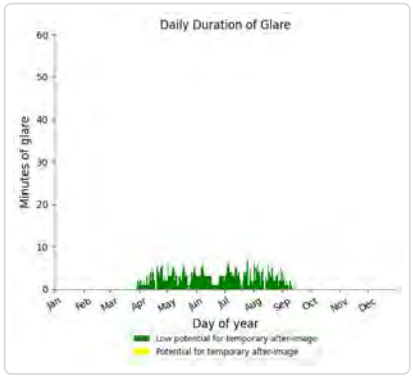


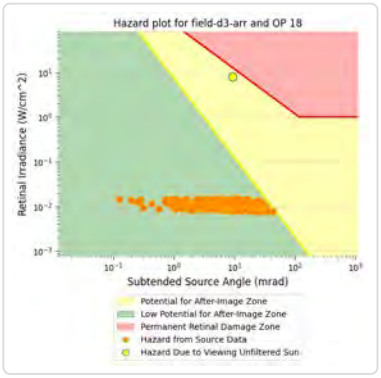
Field D3 Array: OP 18

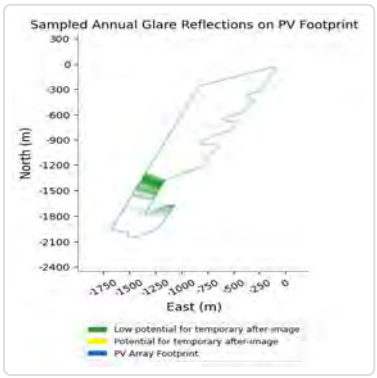
PV array is expected to produce the following glare for this receptor:

- 495 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





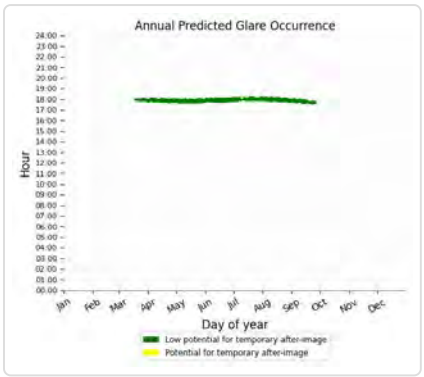


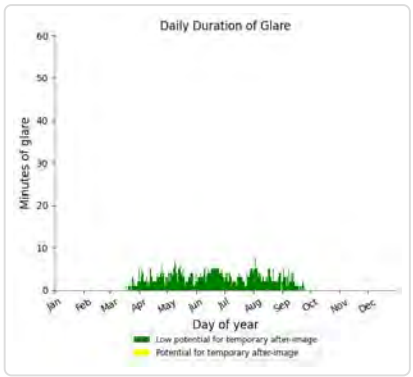


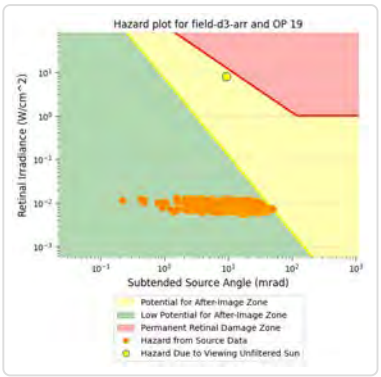
Field D3 Array: OP 19

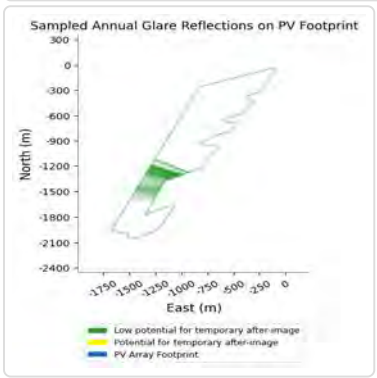
PV array is expected to produce the following glare for this receptor:

- 570 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





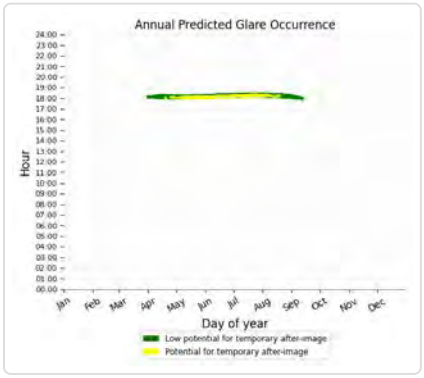


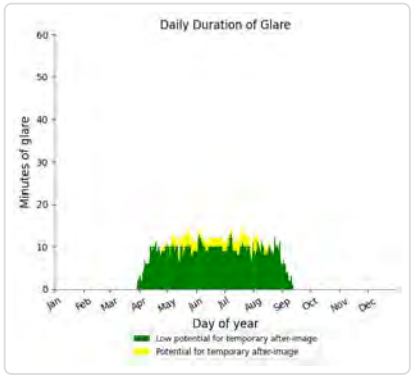


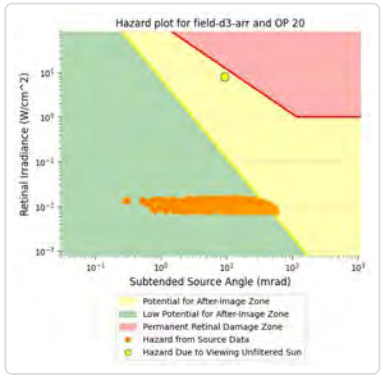
Field D3 Array: OP 20

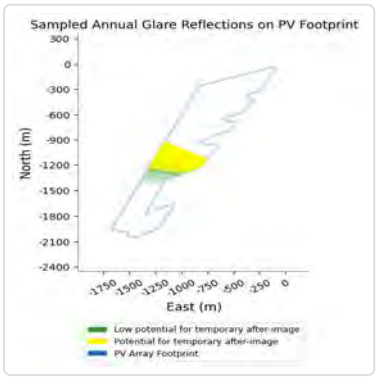
PV array is expected to produce the following glare for this receptor:

- 1,469 minutes of "green" glare with low potential to cause temporary after-image.
- 237 minutes of "yellow" glare with potential to cause temporary after-image.





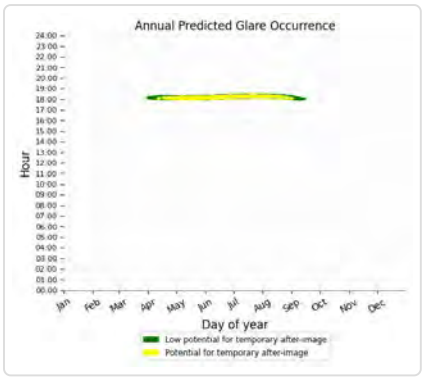


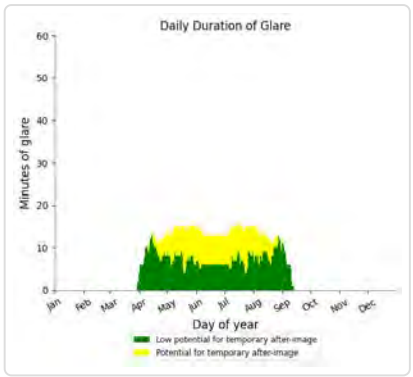


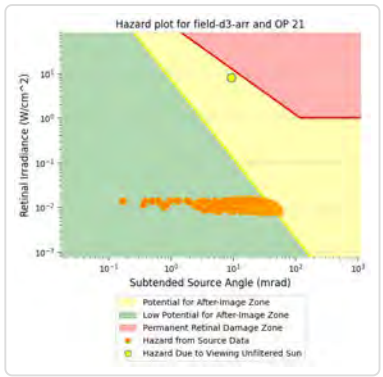
Field D3 Array: OP 21

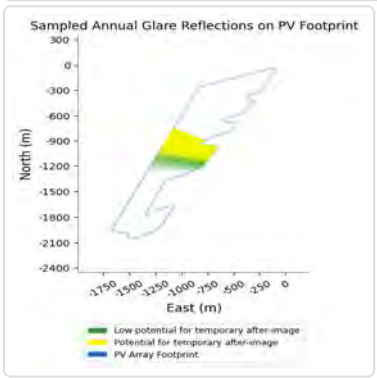
PV array is expected to produce the following glare for this receptor:

- 1,218 minutes of "green" glare with low potential to cause temporary after-image.
- 878 minutes of "yellow" glare with potential to cause temporary after-image.





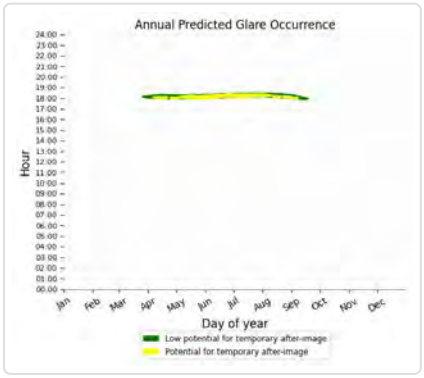


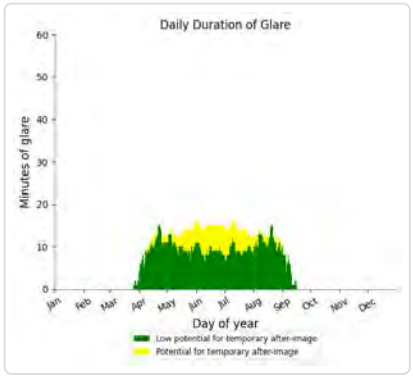


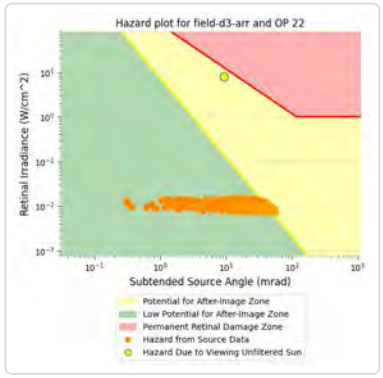
Field D3 Array: OP 22

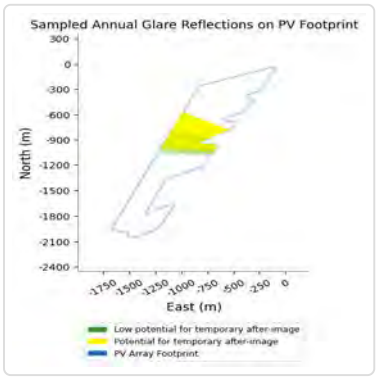
PV array is expected to produce the following glare for this receptor:

- 1,590 minutes of "green" glare with low potential to cause temporary after-image.
- 521 minutes of "yellow" glare with potential to cause temporary after-image.





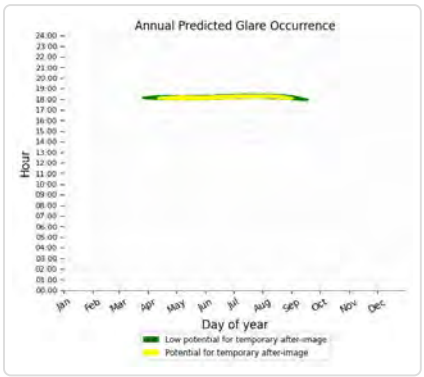


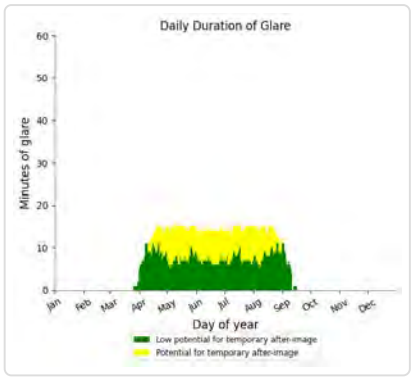


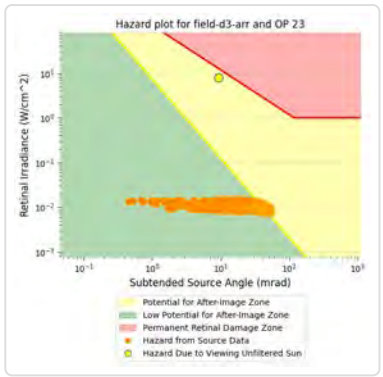
Field D3 Array: OP 23

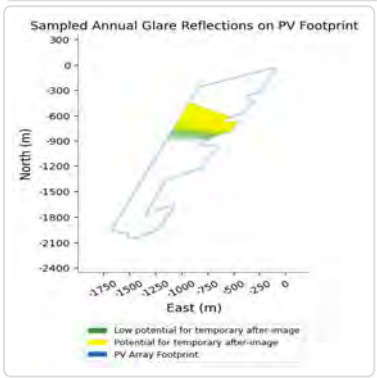
PV array is expected to produce the following glare for this receptor:

- 1,267 minutes of "green" glare with low potential to cause temporary after-image.
- 946 minutes of "yellow" glare with potential to cause temporary after-image.





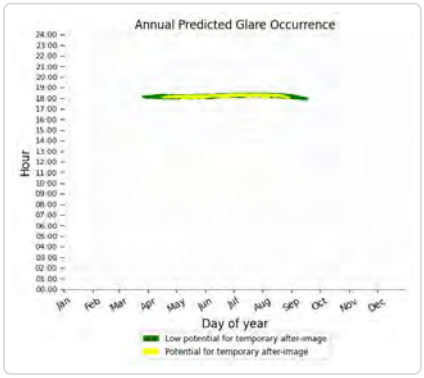


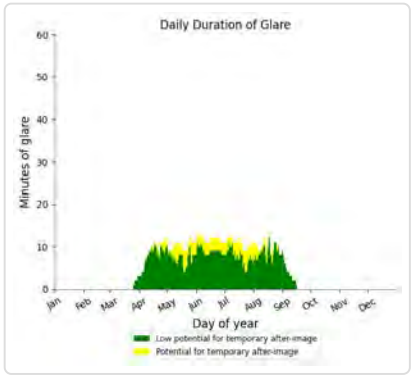


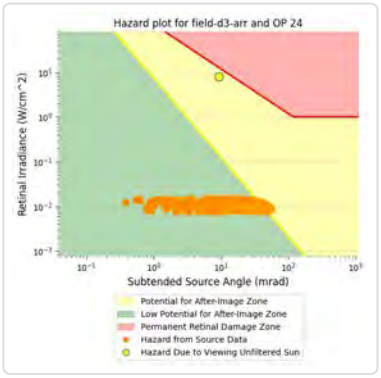
Field D3 Array: OP 24

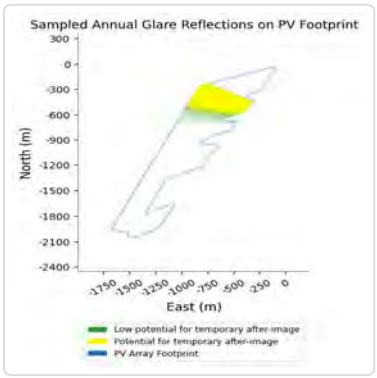
PV array is expected to produce the following glare for this receptor:

- 1,302 minutes of "green" glare with low potential to cause temporary after-image.
- 353 minutes of "yellow" glare with potential to cause temporary after-image.





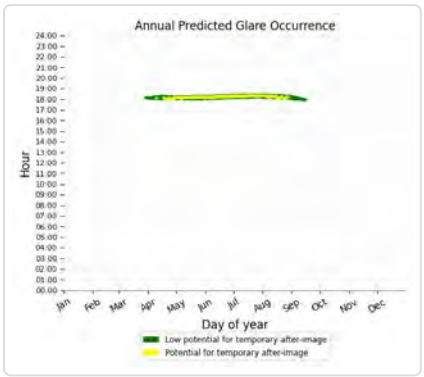


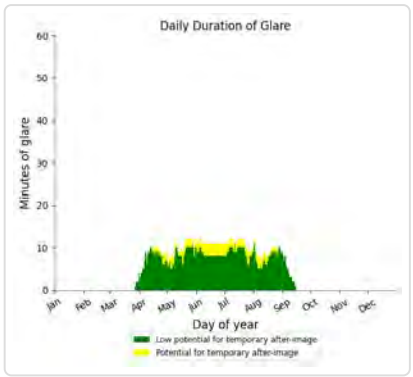


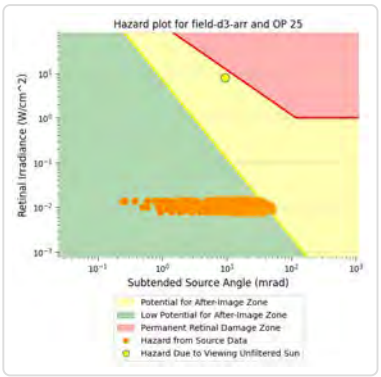
Field D3 Array: OP 25

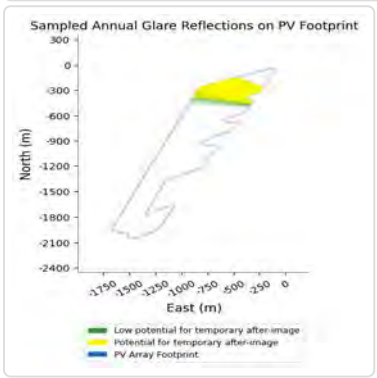
PV array is expected to produce the following glare for this receptor:

- 1,317 minutes of "green" glare with low potential to cause temporary after-image.
- 267 minutes of "yellow" glare with potential to cause temporary after-image.





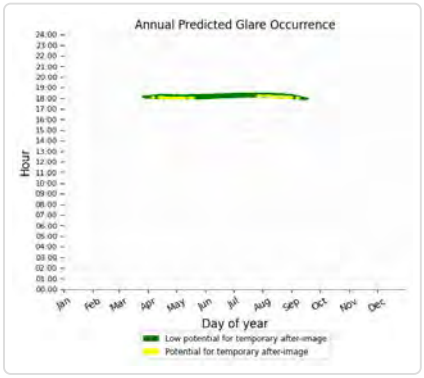


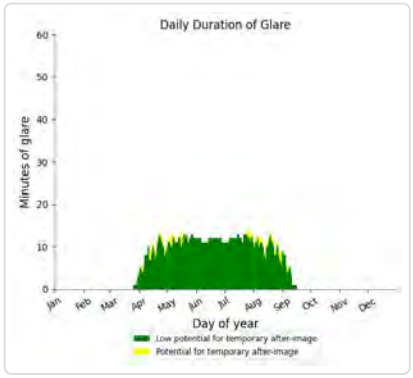


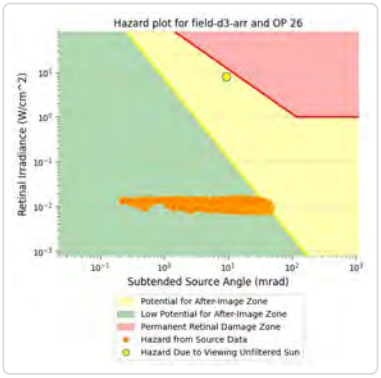
Field D3 Array: OP 26

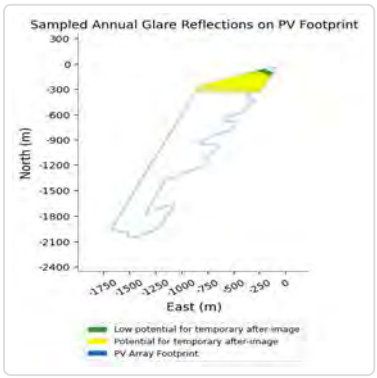
PV array is expected to produce the following glare for this receptor:

- 1,716 minutes of "green" glare with low potential to cause temporary after-image.
- 92 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 27

No glare found

Field D3 Array: OP 28

No glare found

Field D3 Array: OP 29

No glare found

Field D3 Array: OP 30

No glare found

Field D3 Array: OP 31

No glare found

Field D3 Array: OP 32

No glare found

Field D3 Array: OP 33

No glare found

Field D3 Array: OP 34

No glare found

Field D3 Array: OP 35

No glare found

Field D3 Array: OP 36

No glare found

Field D3 Array: OP 37

No glare found

Field D3 Array: OP 38

No glare found

Field D3 Array: OP 39

No glare found

Field D3 Array: OP 40

No glare found

Field D3 Array: OP 41

No glare found

Field D3 Array: OP 42

No glare found

Field D3 Array: OP 43

No glare found

Field D3 Array: OP 44

No glare found

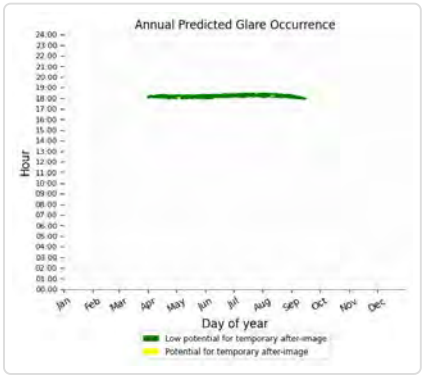
Field D3 Array: OP 45

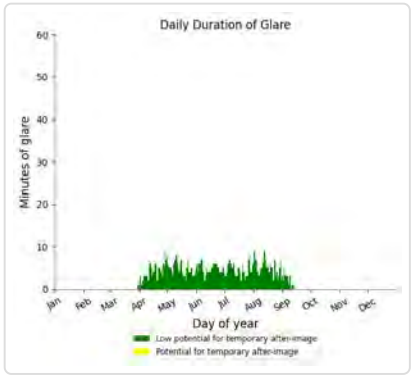
No glare found

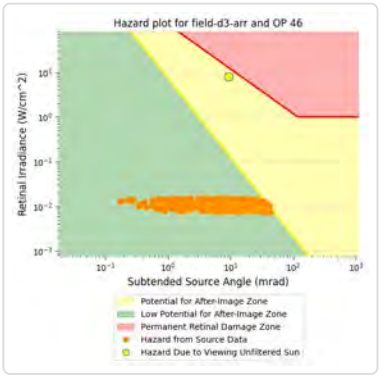
Field D3 Array: OP 46

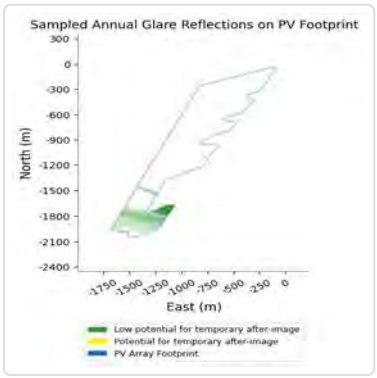
PV array is expected to produce the following glare for this receptor:

- 737 minutes of "green" glare with low potential to cause temporary after-image.
- 2 minutes of "yellow" glare with potential to cause temporary after-image.





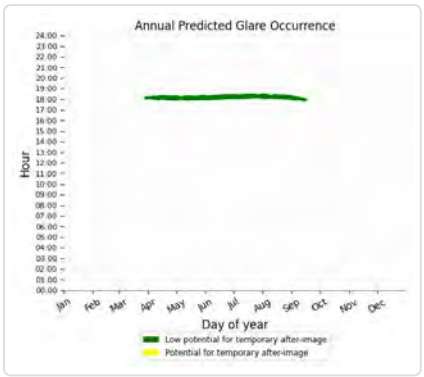


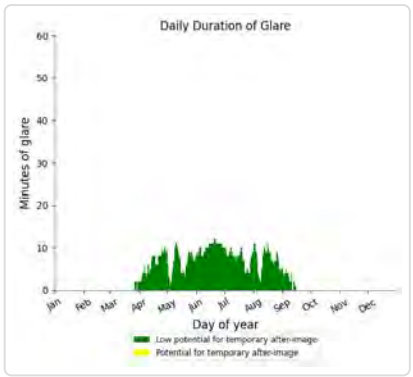


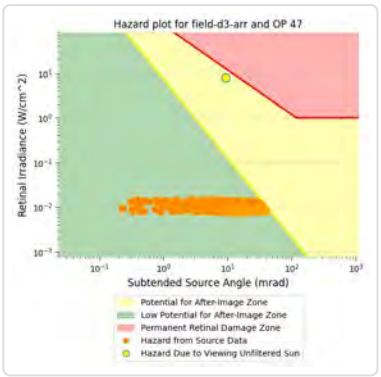
Field D3 Array: OP 47

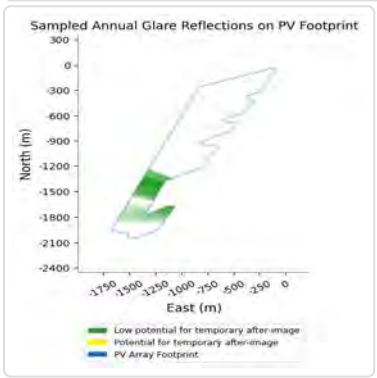
PV array is expected to produce the following glare for this receptor:

- 1,213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





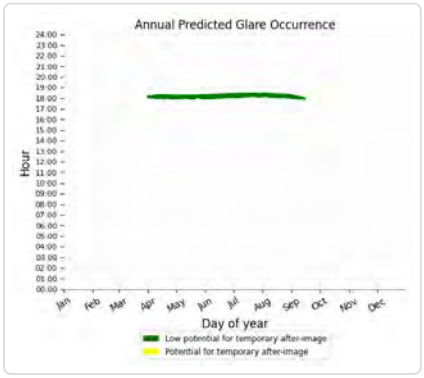


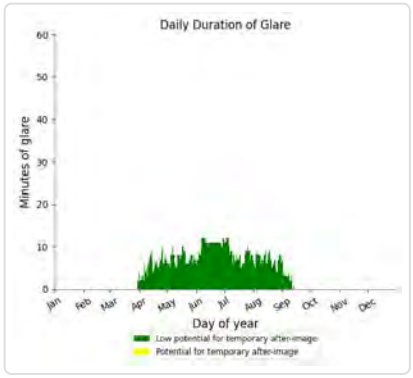


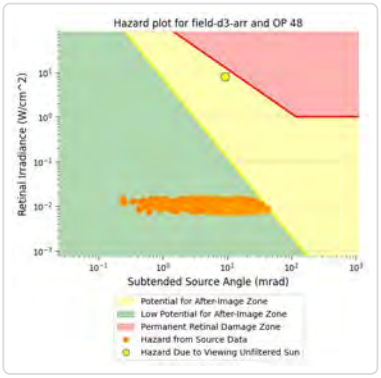
Field D3 Array: OP 48

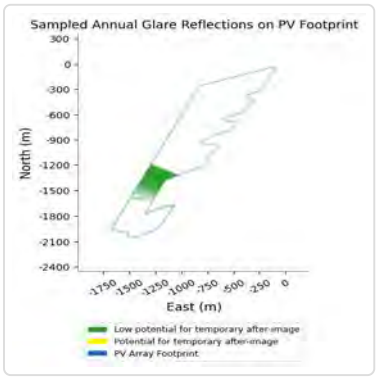
PV array is expected to produce the following glare for this receptor:

- 1,222 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





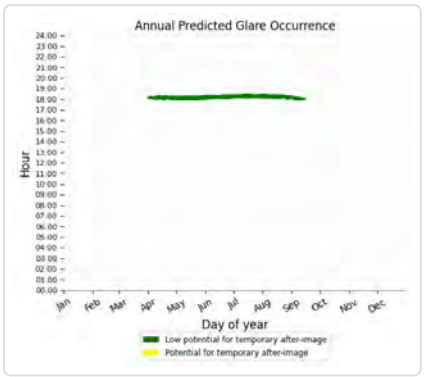


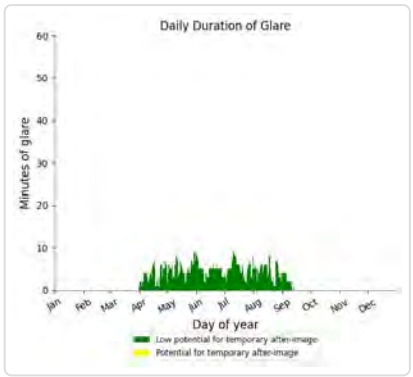


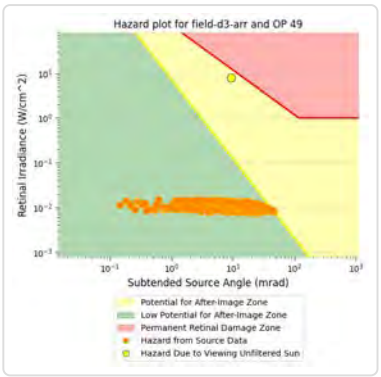
Field D3 Array: OP 49

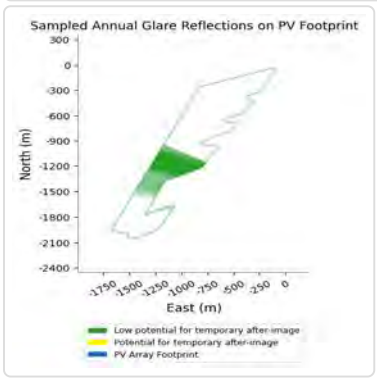
PV array is expected to produce the following glare for this receptor:

- 746 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





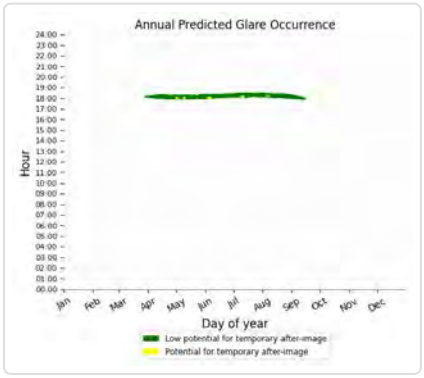


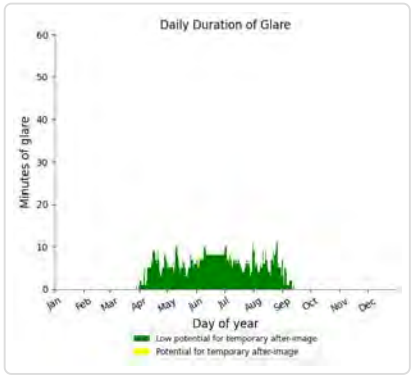


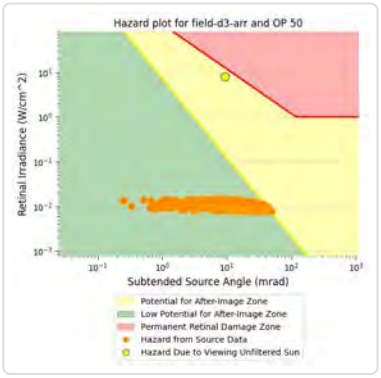
Field D3 Array: OP 50

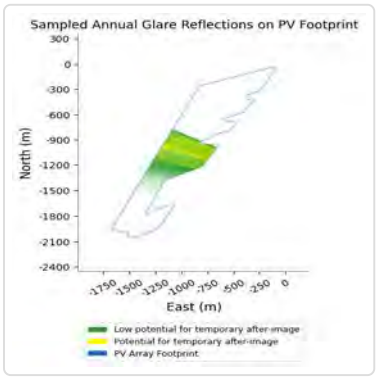
PV array is expected to produce the following glare for this receptor:

- 977 minutes of "green" glare with low potential to cause temporary after-image.
- 9 minutes of "yellow" glare with potential to cause temporary after-image.





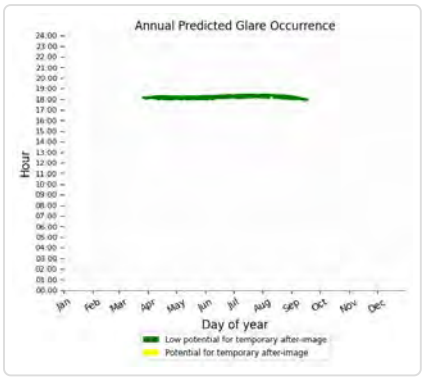


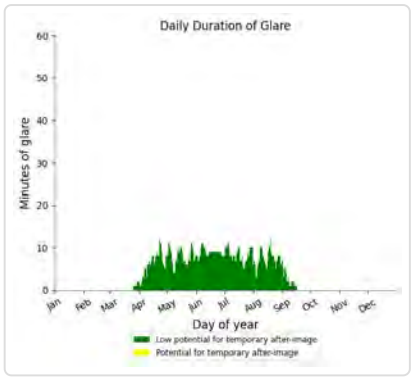


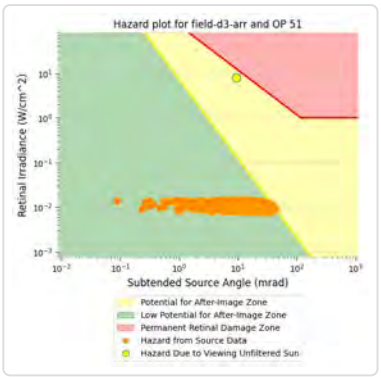
Field D3 Array: OP 51

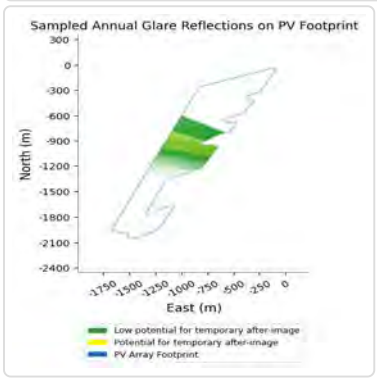
PV array is expected to produce the following glare for this receptor:

- 1,234 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





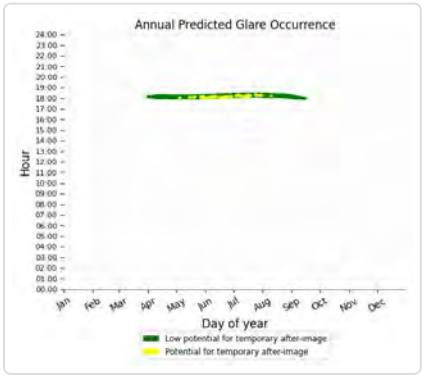


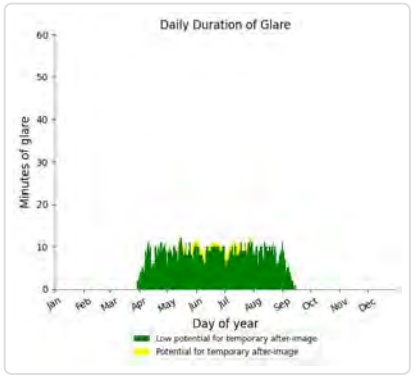


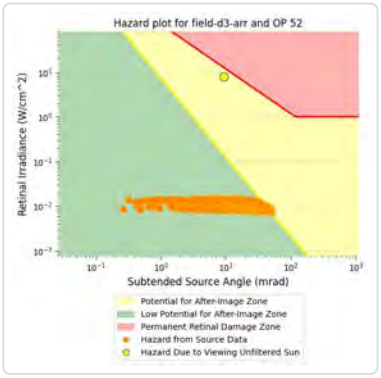
Field D3 Array: OP 52

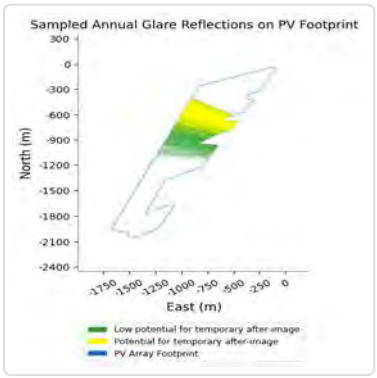
PV array is expected to produce the following glare for this receptor:

- 1,433 minutes of "green" glare with low potential to cause temporary after-image.
- 91 minutes of "yellow" glare with potential to cause temporary after-image.





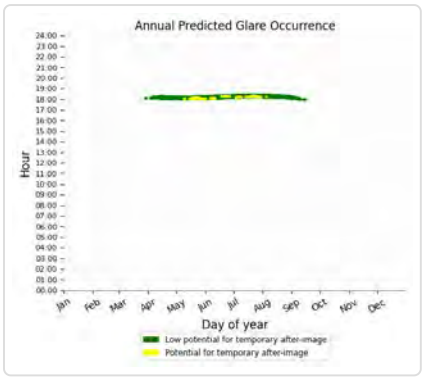


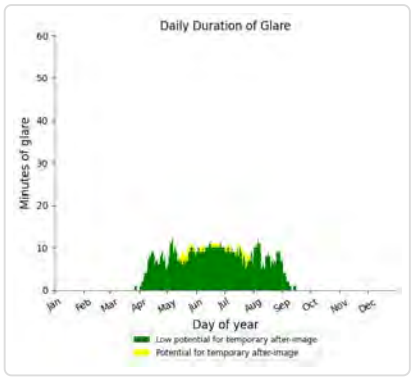


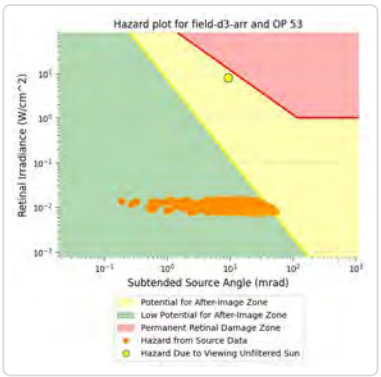
Field D3 Array: OP 53

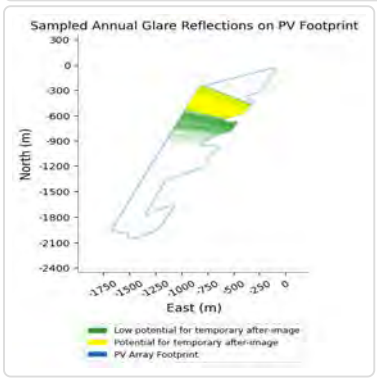
PV array is expected to produce the following glare for this receptor:

- 1,275 minutes of "green" glare with low potential to cause temporary after-image.
- 80 minutes of "yellow" glare with potential to cause temporary after-image.





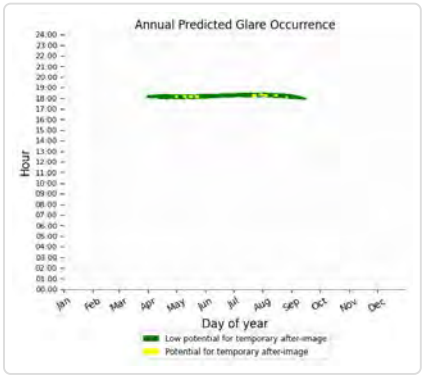


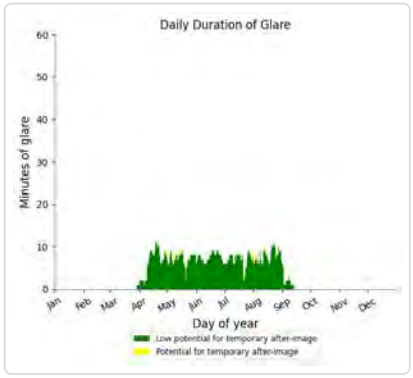


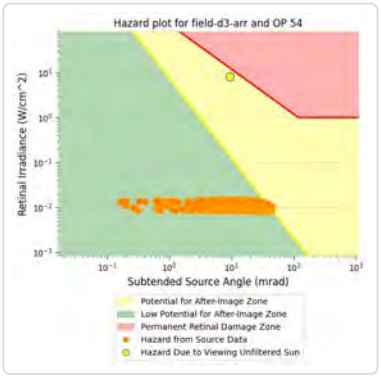
Field D3 Array: OP 54

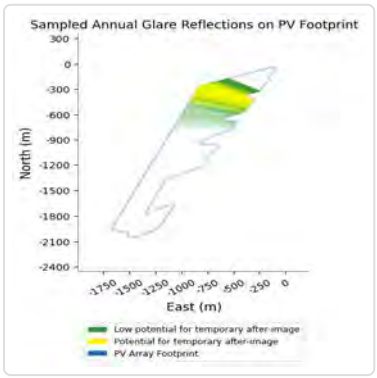
PV array is expected to produce the following glare for this receptor:

- 1,120 minutes of "green" glare with low potential to cause temporary after-image.
- 23 minutes of "yellow" glare with potential to cause temporary after-image.









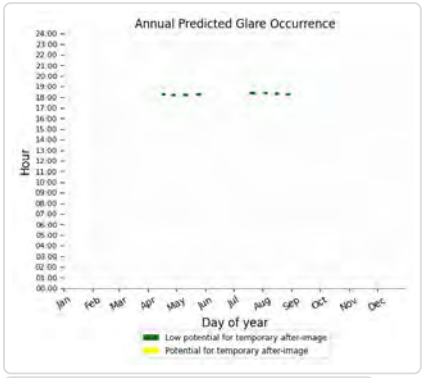
Field D3 Array: OP 55

No glare found

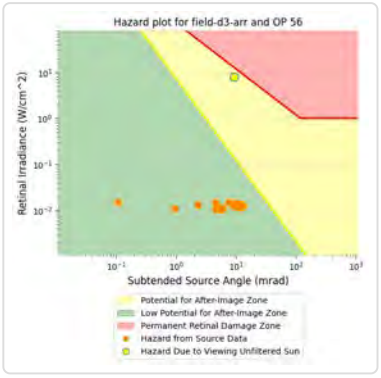
Field D3 Array: OP 56

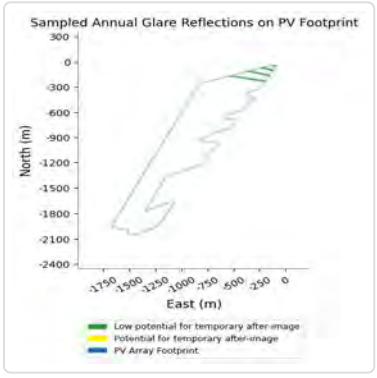
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D3 Array: OP 57

No glare found

Field D3 Array: OP 58

No glare found

Field D3 Array: OP 59

No glare found

Field D3 Array: OP 60

No glare found

Field D3 Array: OP 61

No glare found

Field D3 Array: OP 62

No glare found

Field D3 Array: OP 63

No glare found

Field D3 Array: OP 64

No glare found

Field D3 Array: OP 65

No glare found

Field D3 Array: OP 66

No glare found

Field D3 Array: OP 67

No glare found

Field D3 Array: OP 68

No glare found

Field D3 Array: OP 69

No glare found

Field D3 Array: OP 70

No glare found

Field D5 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	1068	399
OP: OP 3	581	2036

OP: OP 4	574	2250
OP: OP 5	620	2200
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	1092	1122
OP: OP 9	874	1780
OP: OP 10	883	1641
OP: OP 11	810	1917
OP: OP 12	2534	310
OP: OP 13	780	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	603	0
OP: OP 37	1523	537
OP: OP 38	1919	537
OP: OP 39	1570	936
OP: OP 40	2050	494
OP: OP 41	2660	18
OP: OP 42	882	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0

OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

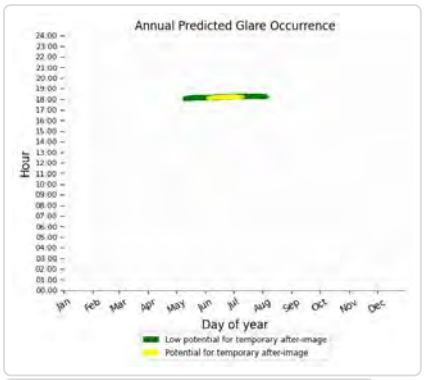
Field D5 Array: OP 1

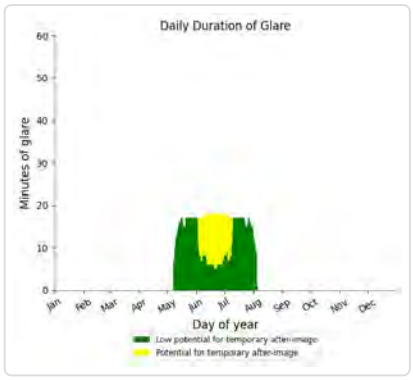
No glare found

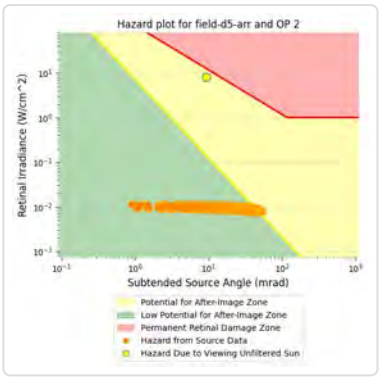
Field D5 Array: OP 2

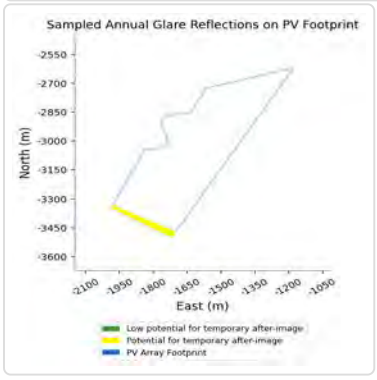
PV array is expected to produce the following glare for this receptor:

- 1,068 minutes of "green" glare with low potential to cause temporary after-image.
- 399 minutes of "yellow" glare with potential to cause temporary after-image.





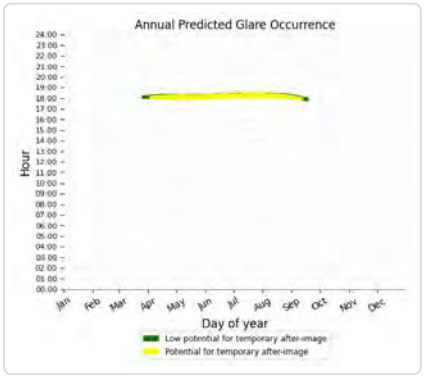


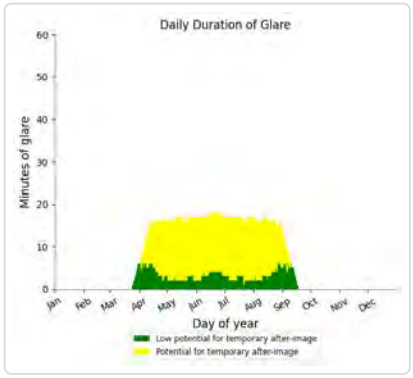


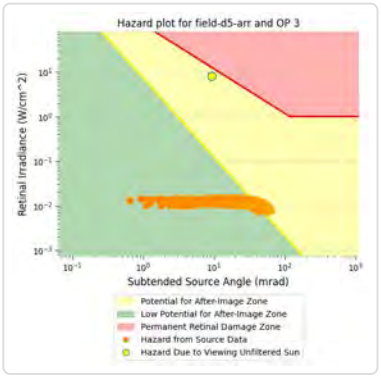
Field D5 Array: OP 3

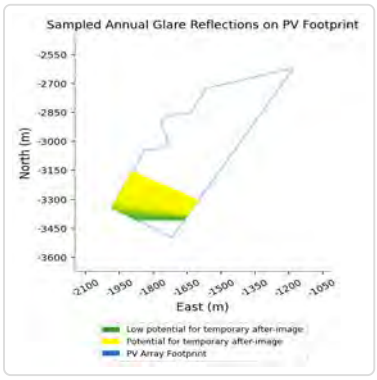
PV array is expected to produce the following glare for this receptor:

- 581 minutes of "green" glare with low potential to cause temporary after-image.
- 2,036 minutes of "yellow" glare with potential to cause temporary after-image.





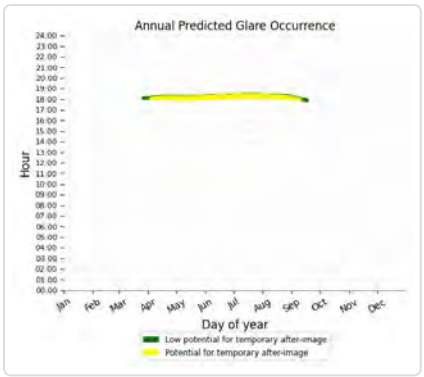


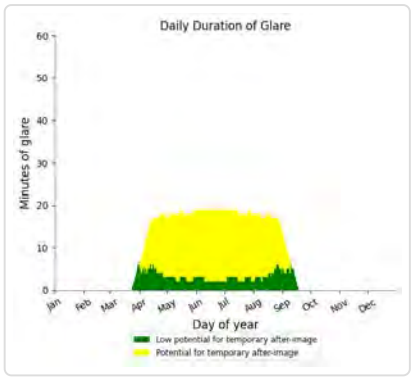


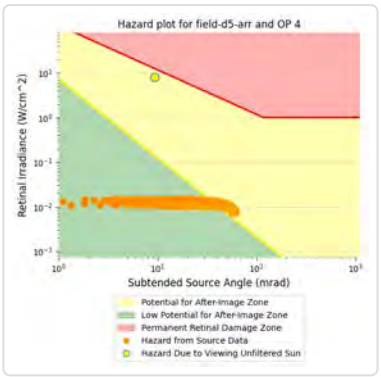
Field D5 Array: OP 4

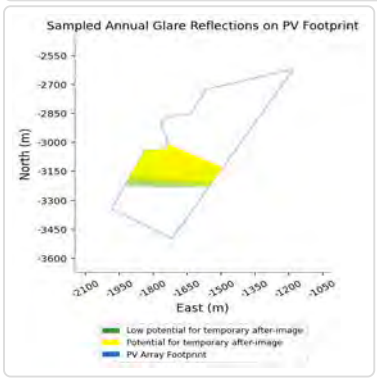
PV array is expected to produce the following glare for this receptor:

- 574 minutes of "green" glare with low potential to cause temporary after-image.
- 2,250 minutes of "yellow" glare with potential to cause temporary after-image.





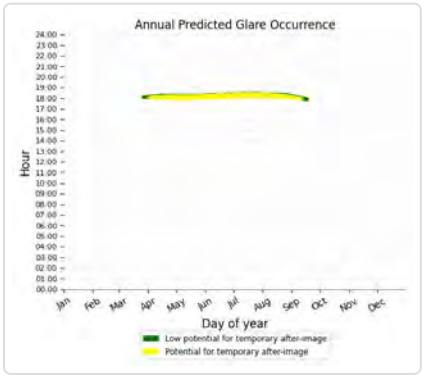


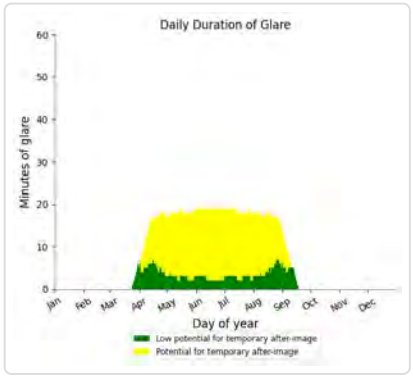


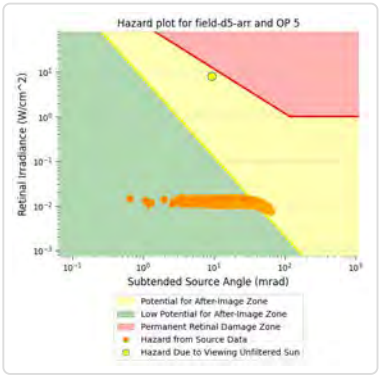
Field D5 Array: OP 5

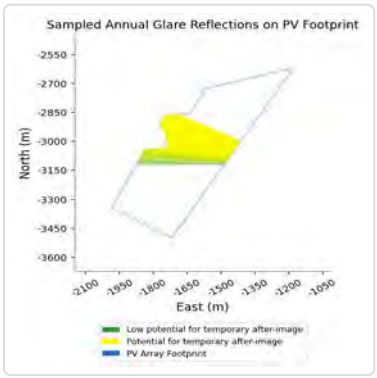
PV array is expected to produce the following glare for this receptor:

- 620 minutes of "green" glare with low potential to cause temporary after-image.
- 2,200 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 6

No glare found

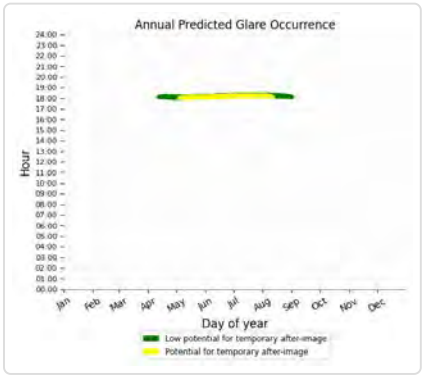
Field D5 Array: OP 7

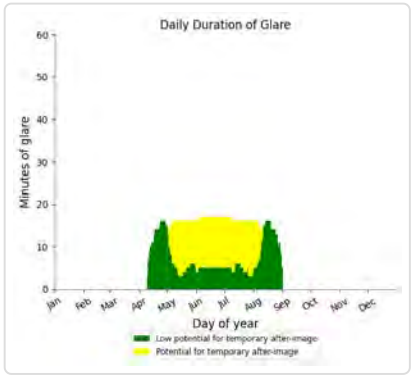
No glare found

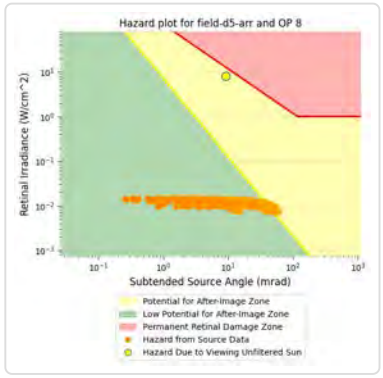
Field D5 Array: OP 8

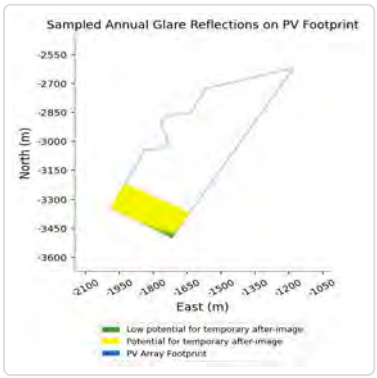
PV array is expected to produce the following glare for this receptor:

- 1,092 minutes of "green" glare with low potential to cause temporary after-image.
- 1,122 minutes of "yellow" glare with potential to cause temporary after-image.





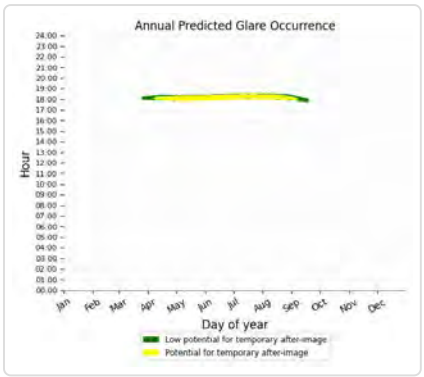


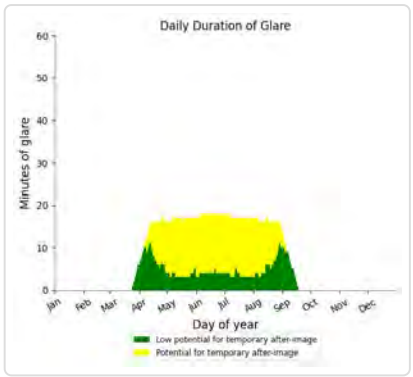


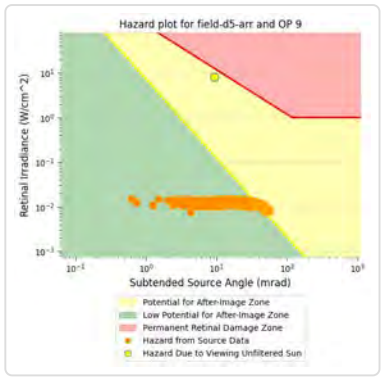
Field D5 Array: OP 9

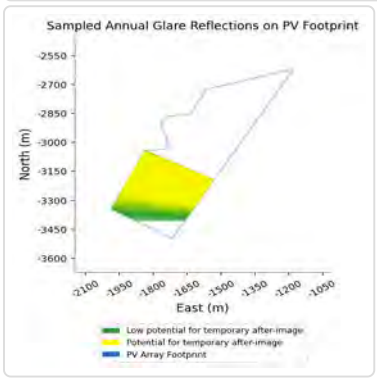
PV array is expected to produce the following glare for this receptor:

- 874 minutes of "green" glare with low potential to cause temporary after-image.
- 1,780 minutes of "yellow" glare with potential to cause temporary after-image.





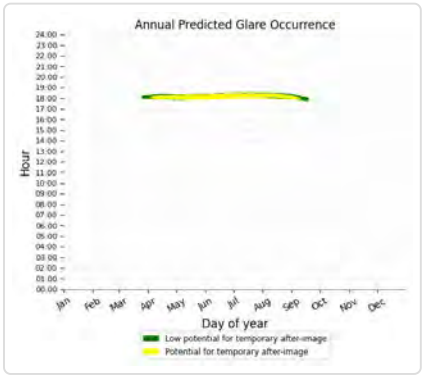


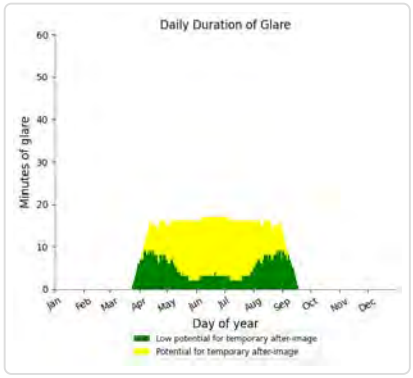


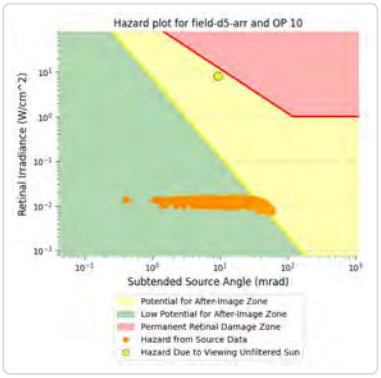
Field D5 Array: OP 10

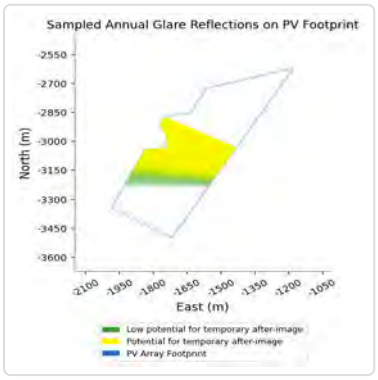
PV array is expected to produce the following glare for this receptor:

- 883 minutes of "green" glare with low potential to cause temporary after-image.
- 1,641 minutes of "yellow" glare with potential to cause temporary after-image.





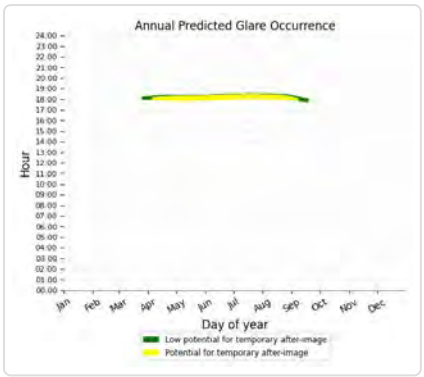


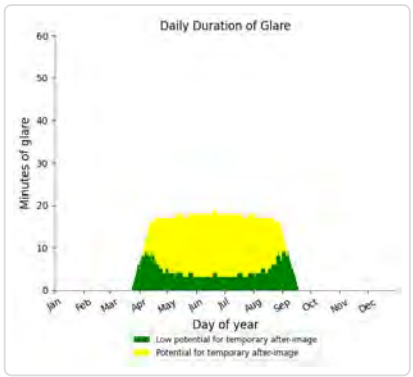


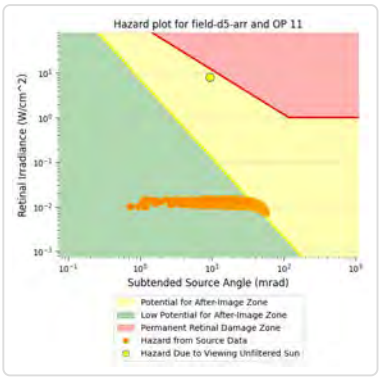
Field D5 Array: OP 11

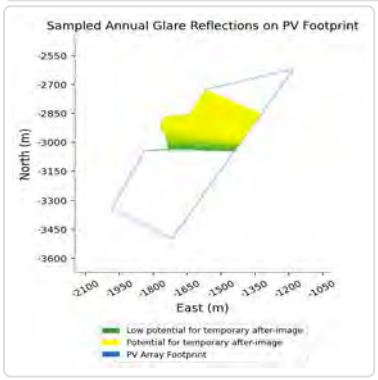
PV array is expected to produce the following glare for this receptor:

- 810 minutes of "green" glare with low potential to cause temporary after-image.
- 1,917 minutes of "yellow" glare with potential to cause temporary after-image.





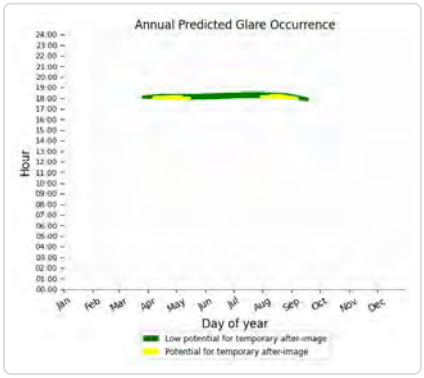


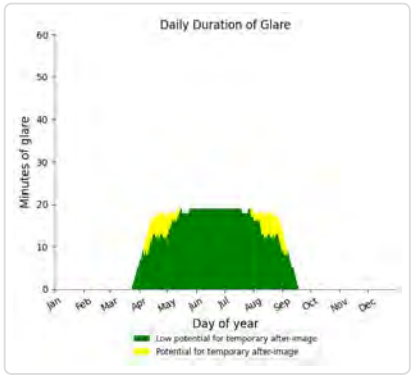


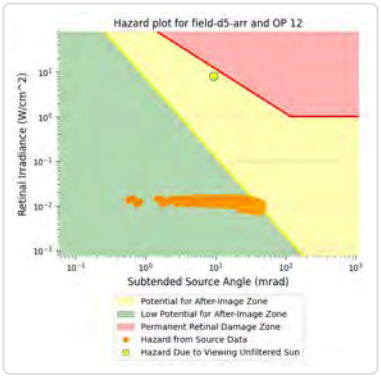
Field D5 Array: OP 12

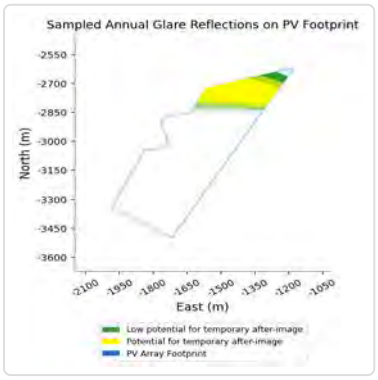
PV array is expected to produce the following glare for this receptor:

- 2,534 minutes of "green" glare with low potential to cause temporary after-image.
- 310 minutes of "yellow" glare with potential to cause temporary after-image.





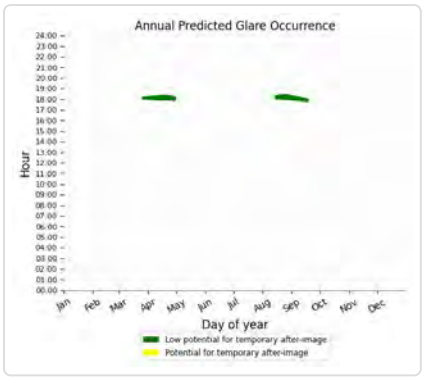


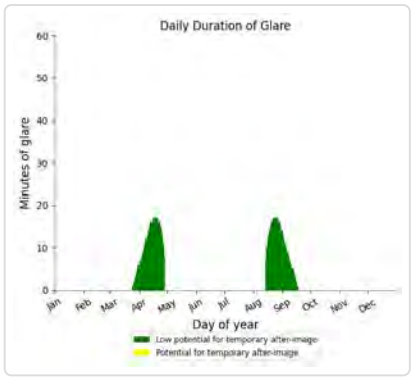


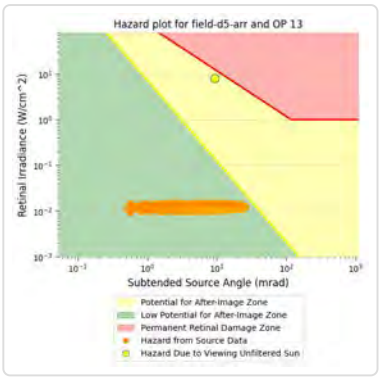
Field D5 Array: OP 13

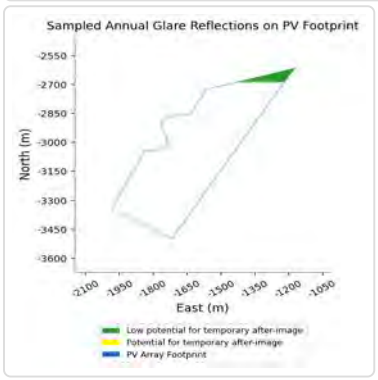
PV array is expected to produce the following glare for this receptor:

- 780 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 14

No glare found

Field D5 Array: OP 15

No glare found

Field D5 Array: OP 16

No glare found

Field D5 Array: OP 17

No glare found

Field D5 Array: OP 18

No glare found

Field D5 Array: OP 19

No glare found

Field D5 Array: OP 20

No glare found

Field D5 Array: OP 21

No glare found

Field D5 Array: OP 22

No glare found

Field D5 Array: OP 23

No glare found

Field D5 Array: OP 24

No glare found

Field D5 Array: OP 25

No glare found

Field D5 Array: OP 26

No glare found

Field D5 Array: OP 27

No glare found

Field D5 Array: OP 28

No glare found

Field D5 Array: OP 29

No glare found

Field D5 Array: OP 30

No glare found

Field D5 Array: OP 31

No glare found

Field D5 Array: OP 32

No glare found

Field D5 Array: OP 33

No glare found

Field D5 Array: OP 34

No glare found

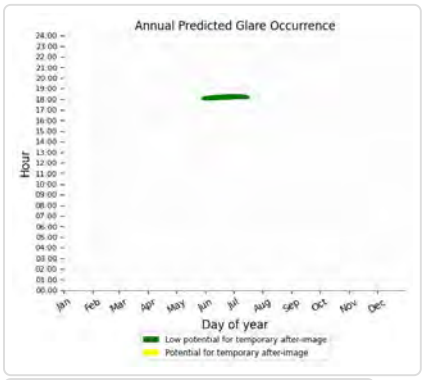
Field D5 Array: OP 35

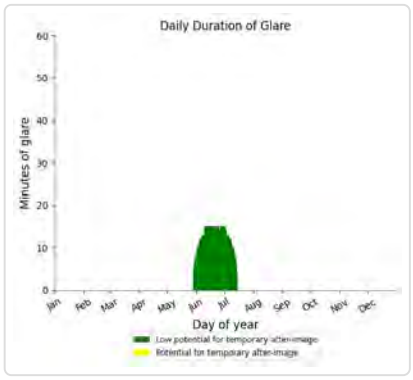
No glare found

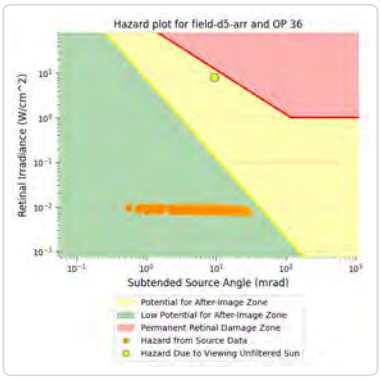
Field D5 Array: OP 36

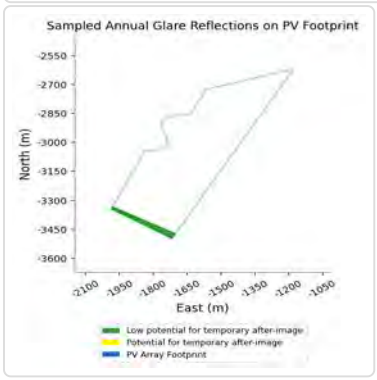
PV array is expected to produce the following glare for this receptor:

- 603 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





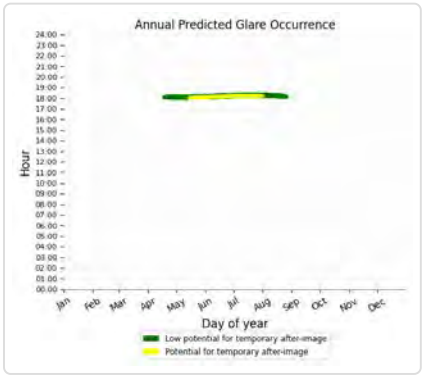


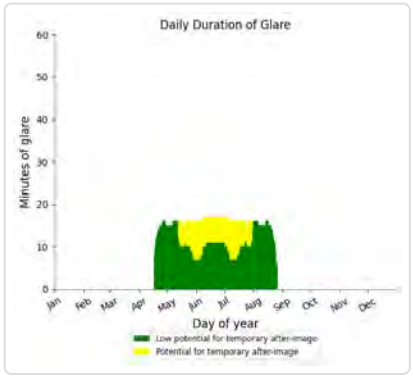


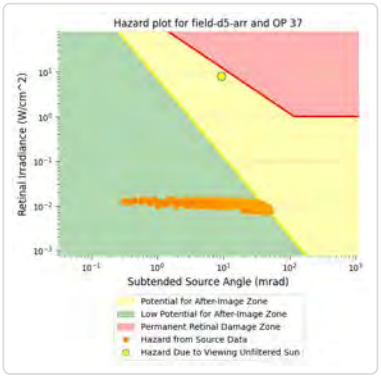
Field D5 Array: OP 37

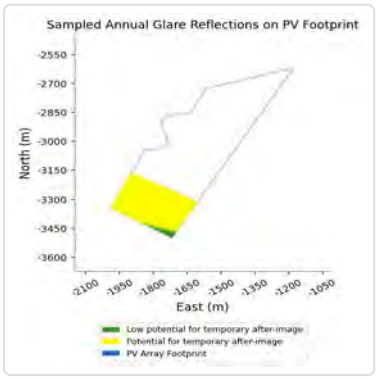
PV array is expected to produce the following glare for this receptor:

- 1,523 minutes of "green" glare with low potential to cause temporary after-image.
- 537 minutes of "yellow" glare with potential to cause temporary after-image.





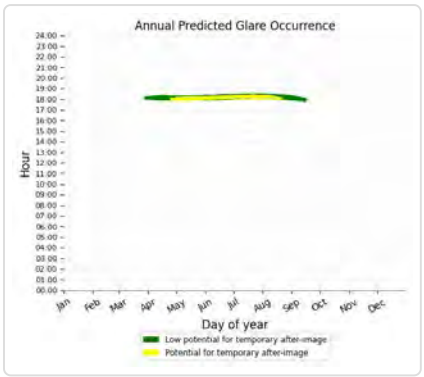


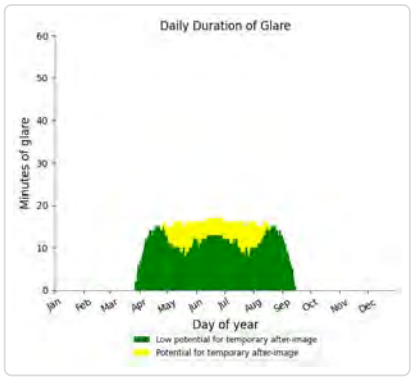


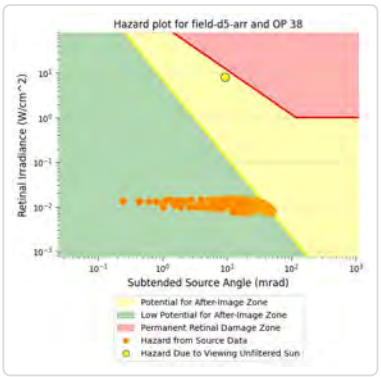
Field D5 Array: OP 38

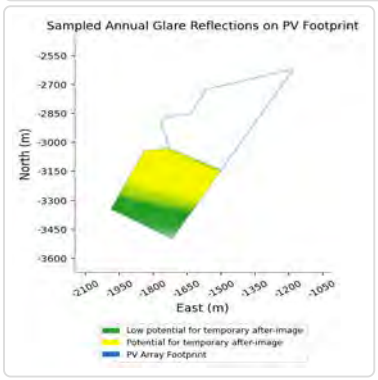
PV array is expected to produce the following glare for this receptor:

- 1,919 minutes of "green" glare with low potential to cause temporary after-image.
- 537 minutes of "yellow" glare with potential to cause temporary after-image.





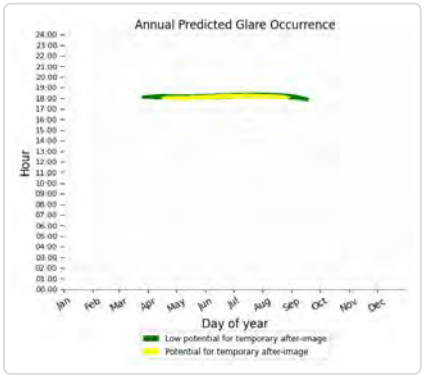


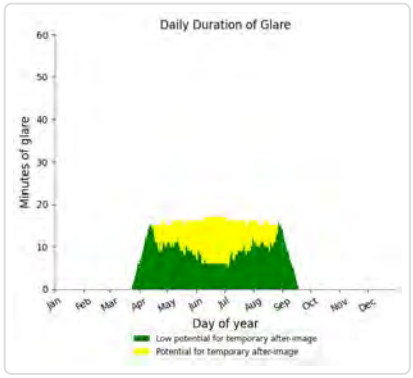


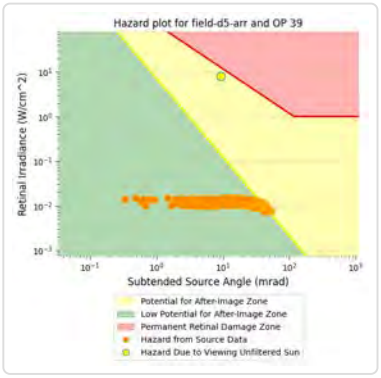
Field D5 Array: OP 39

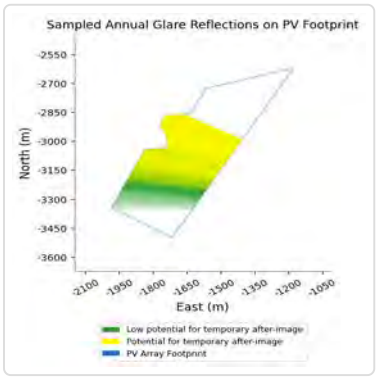
PV array is expected to produce the following glare for this receptor:

- 1,570 minutes of "green" glare with low potential to cause temporary after-image.
- 936 minutes of "yellow" glare with potential to cause temporary after-image.





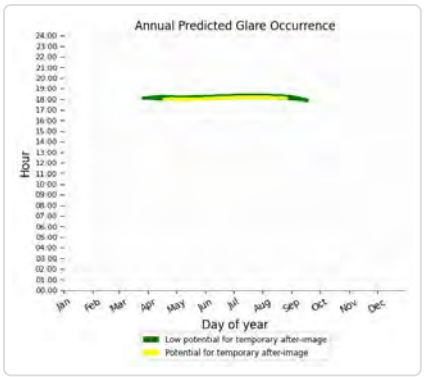


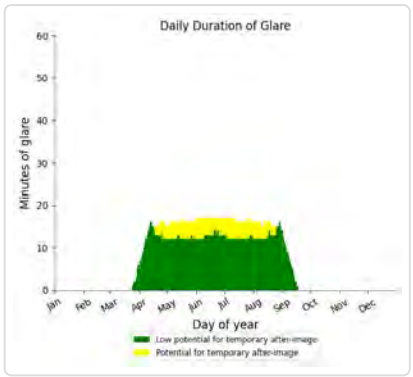


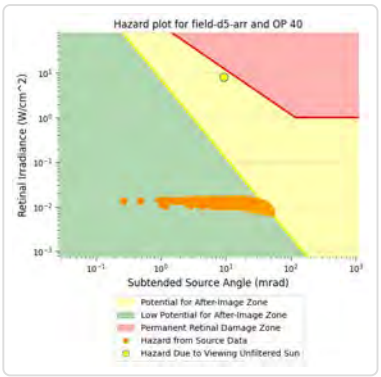
Field D5 Array: OP 40

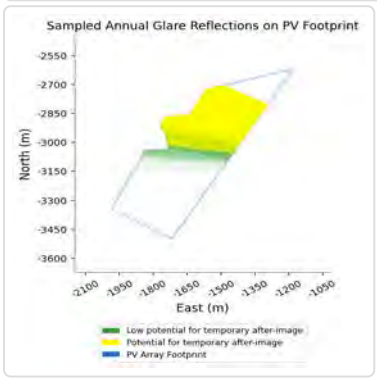
PV array is expected to produce the following glare for this receptor:

- 2,050 minutes of "green" glare with low potential to cause temporary after-image.
- 494 minutes of "yellow" glare with potential to cause temporary after-image.





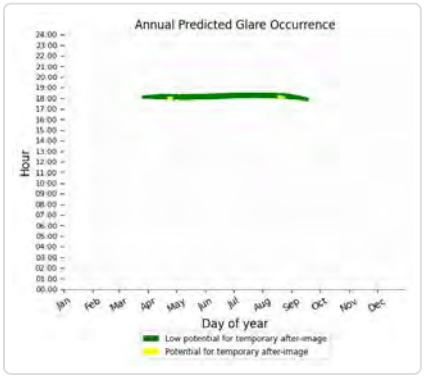


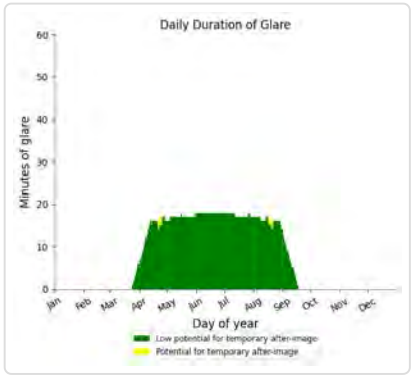


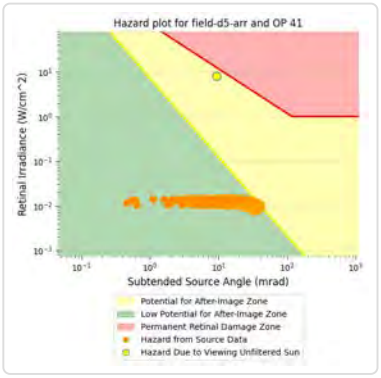
Field D5 Array: OP 41

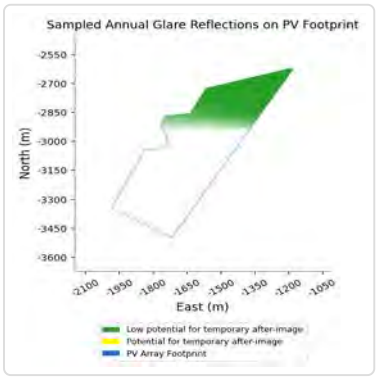
PV array is expected to produce the following glare for this receptor:

- 2,660 minutes of "green" glare with low potential to cause temporary after-image.
- 18 minutes of "yellow" glare with potential to cause temporary after-image.





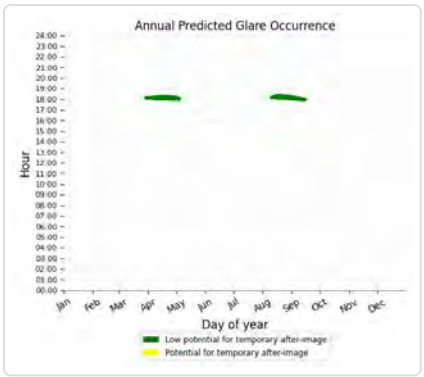


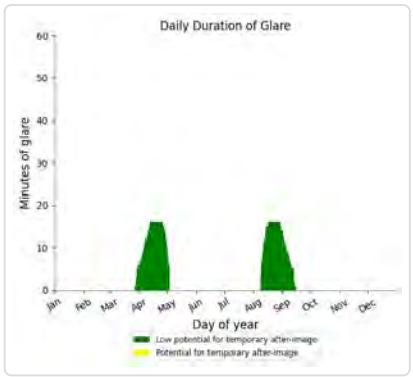


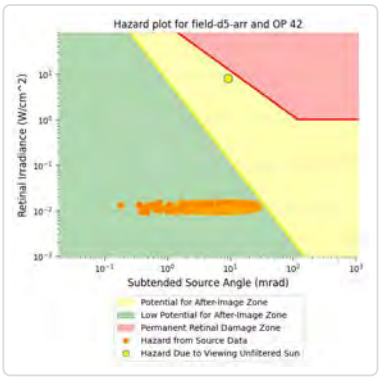
Field D5 Array: OP 42

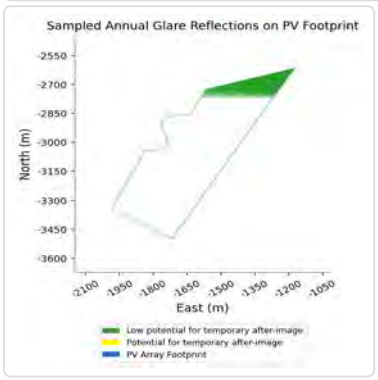
PV array is expected to produce the following glare for this receptor:

- 882 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D5 Array: OP 43

No glare found

Field D5 Array: OP 44

No glare found

Field D5 Array: OP 45

No glare found

Field D5 Array: OP 46

No glare found

Field D5 Array: OP 47

No glare found

Field D5 Array: OP 48

No glare found

Field D5 Array: OP 49

No glare found

Field D5 Array: OP 50

No glare found

Field D5 Array: OP 51

No glare found

Field D5 Array: OP 52

No glare found

Field D5 Array: OP 53

No glare found

Field D5 Array: OP 54

No glare found

Field D5 Array: OP 55

No glare found

Field D5 Array: OP 56

No glare found

Field D5 Array: OP 57

No glare found

Field D5 Array: OP 58

No glare found

Field D5 Array: OP 59

No glare found

Field D5 Array: OP 60

No glare found

Field D5 Array: OP 61

No glare found

Field D5 Array: OP 62

No glare found

Field D5 Array: OP 63

No glare found

Field D5 Array: OP 64

No glare found

Field D5 Array: OP 65

No glare found

Field D5 Array: OP 66

No glare found

Field D5 Array: OP 67

No glare found

Field D5 Array: OP 68

No glare found

Field D5 Array: OP 69

No glare found

Field D5 Array: OP 70

No glare found

Field D6 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	1378	0
OP: OP 4	2273	0
OP: OP 5	2262	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	509	0
OP: OP 9	1594	0
OP: OP 10	2118	0
OP: OP 11	2264	0
OP: OP 12	2430	0
OP: OP 13	1738	0

OP: OP 14	297	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	887	0
OP: OP 38	1623	0
OP: OP 39	1876	0
OP: OP 40	2088	0
OP: OP 41	2287	0
OP: OP 42	1432	0
OP: OP 43	436	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0

OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D6 Array: OP 1

No glare found

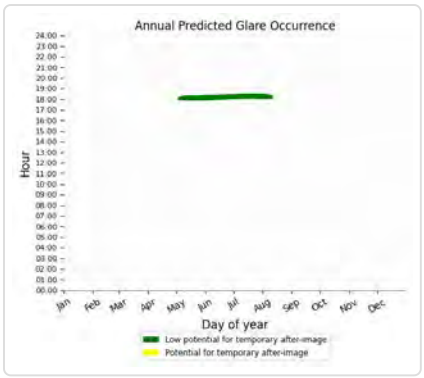
Field D6 Array: OP 2

No glare found

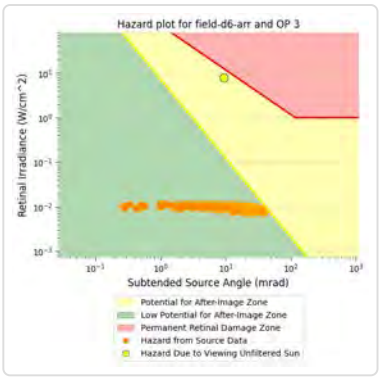
Field D6 Array: OP 3

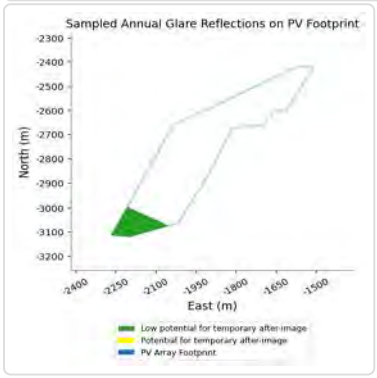
PV array is expected to produce the following glare for this receptor:

- 1,378 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





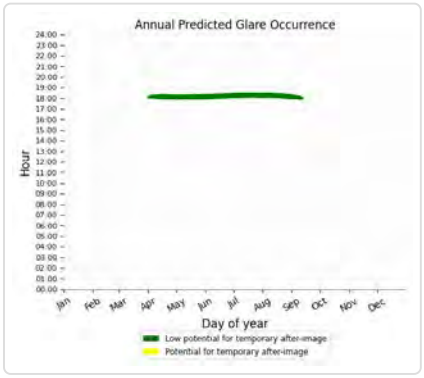


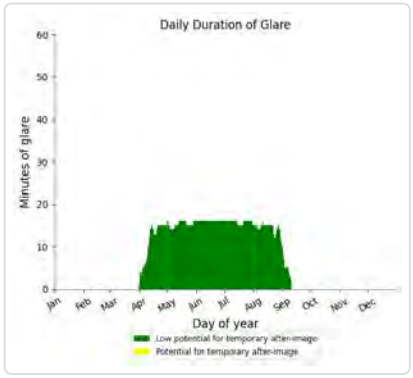


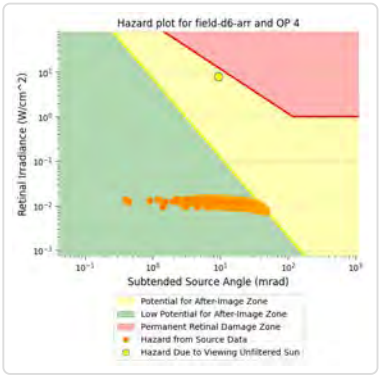
Field D6 Array: OP 4

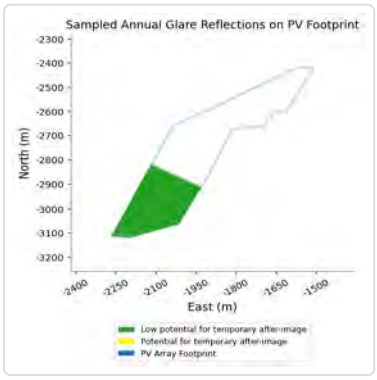
PV array is expected to produce the following glare for this receptor:

- 2,273 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





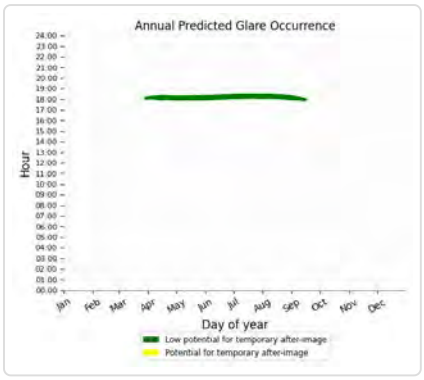




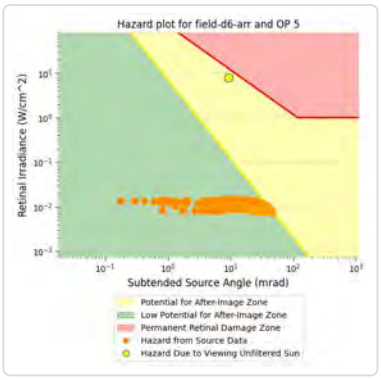
Field D6 Array: OP 5

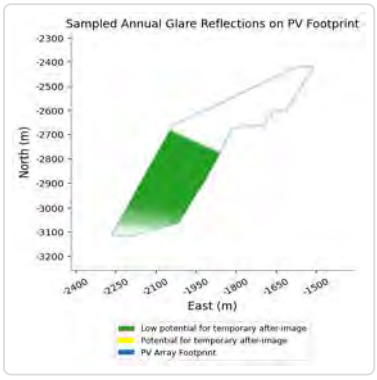
PV array is expected to produce the following glare for this receptor:

- 2,262 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 6

No glare found

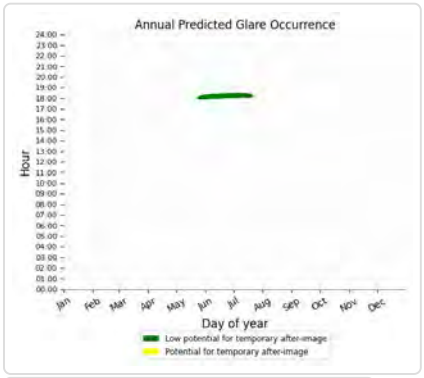
Field D6 Array: OP 7

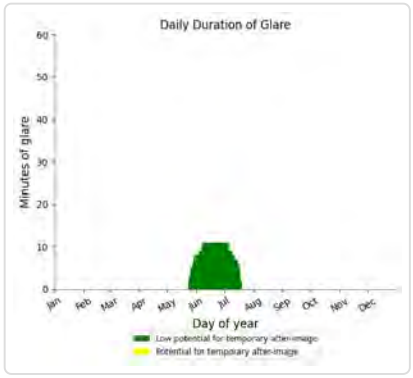
No glare found

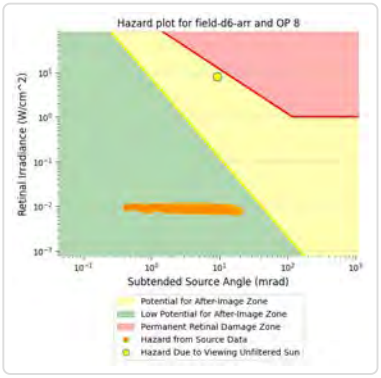
Field D6 Array: OP 8

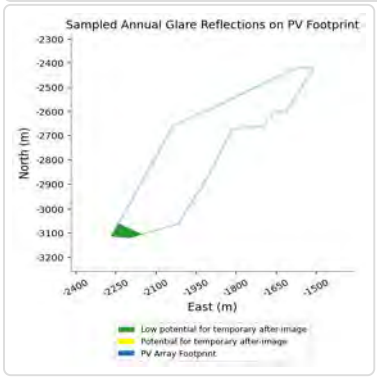
PV array is expected to produce the following glare for this receptor:

- 509 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





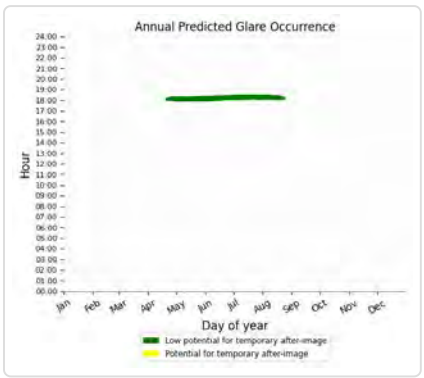


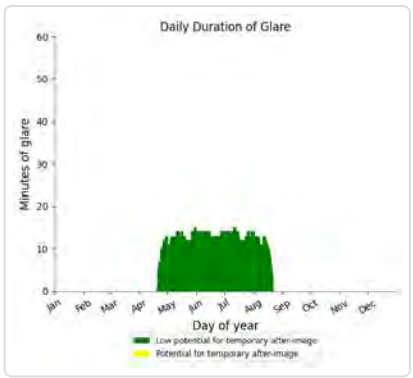


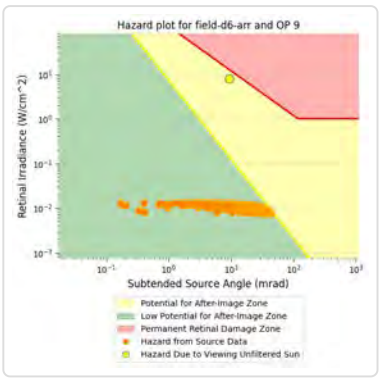
Field D6 Array: OP 9

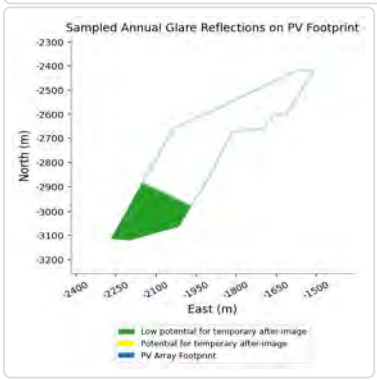
PV array is expected to produce the following glare for this receptor:

- 1,594 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





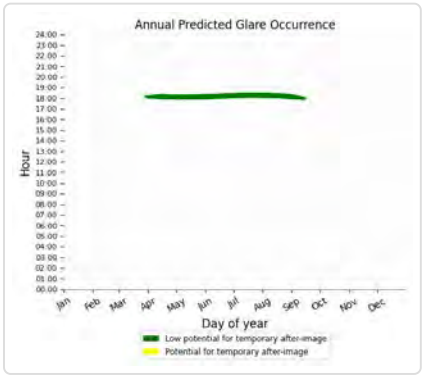


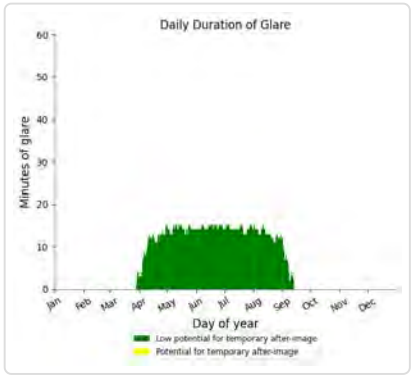


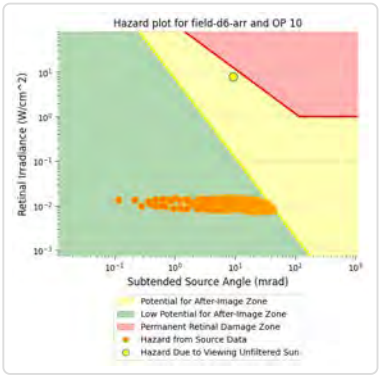
Field D6 Array: OP 10

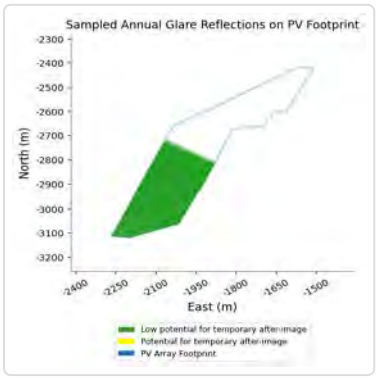
PV array is expected to produce the following glare for this receptor:

- 2,118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





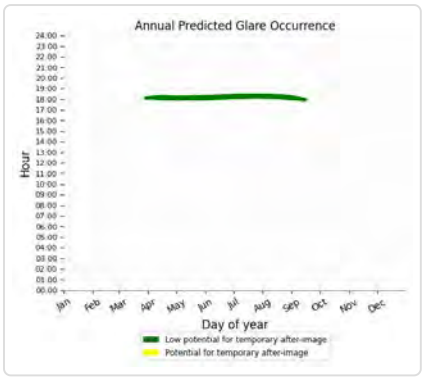


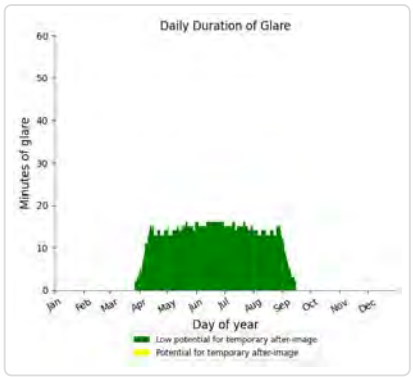


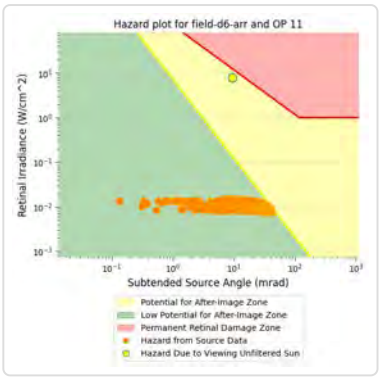
Field D6 Array: OP 11

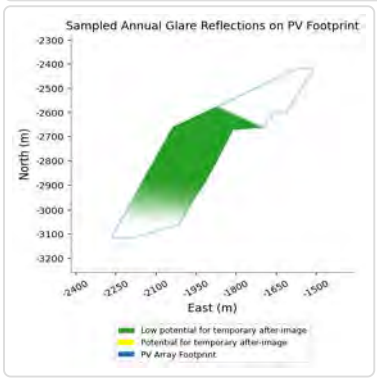
PV array is expected to produce the following glare for this receptor:

- 2,264 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





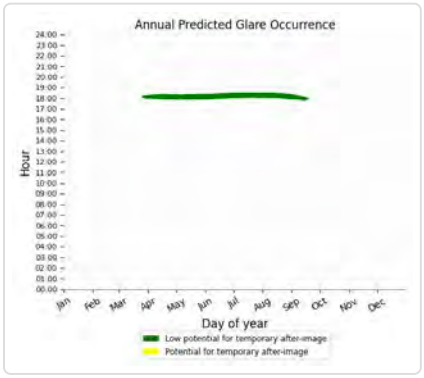


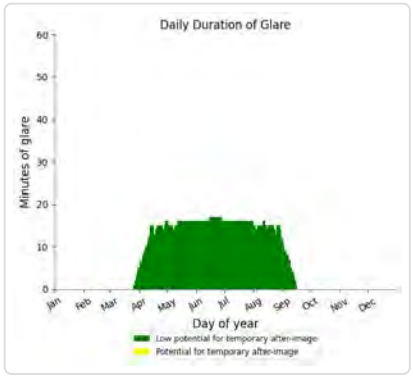


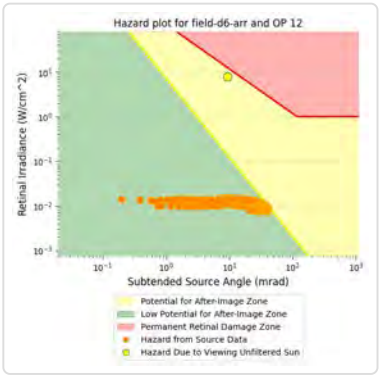
Field D6 Array: OP 12

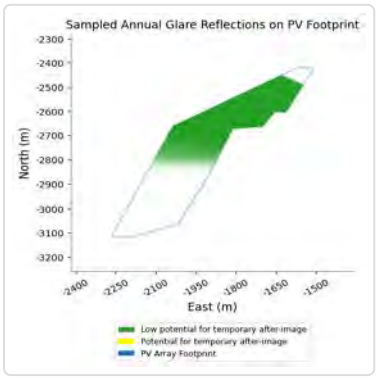
PV array is expected to produce the following glare for this receptor:

- 2,430 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





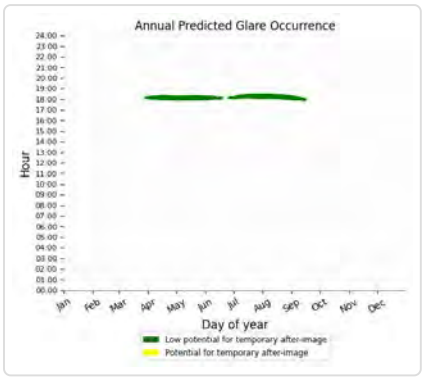


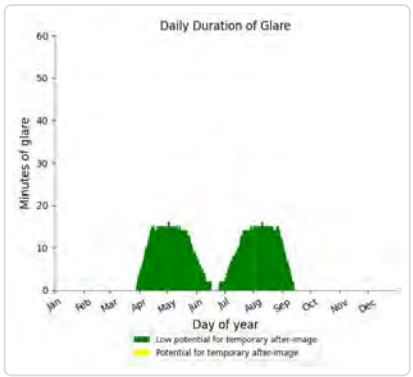


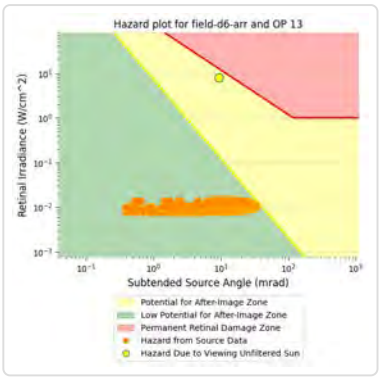
Field D6 Array: OP 13

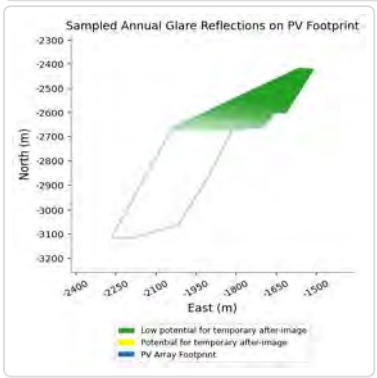
PV array is expected to produce the following glare for this receptor:

- 1,738 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





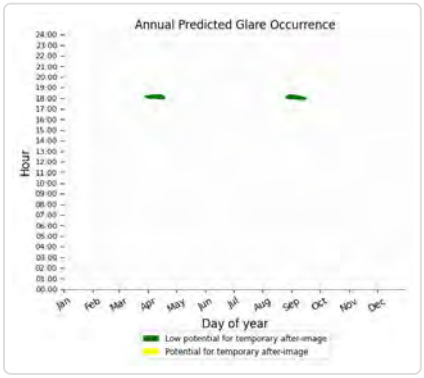


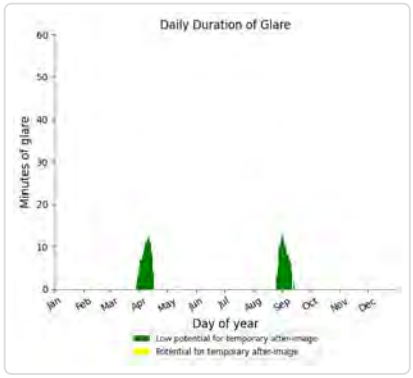


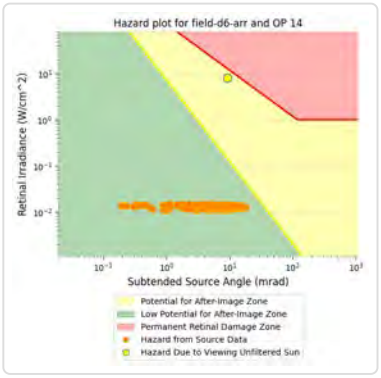
Field D6 Array: OP 14

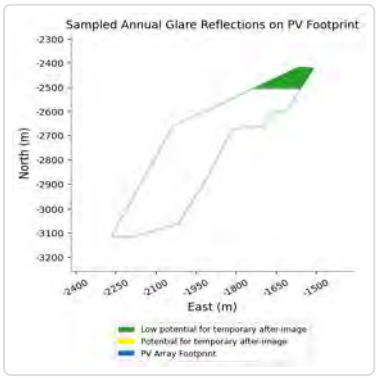
PV array is expected to produce the following glare for this receptor:

- 297 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 15

No glare found

Field D6 Array: OP 16

No glare found

Field D6 Array: OP 17

No glare found

Field D6 Array: OP 18

No glare found

Field D6 Array: OP 19

No glare found

Field D6 Array: OP 20

No glare found

Field D6 Array: OP 21

No glare found

Field D6 Array: OP 22

No glare found

Field D6 Array: OP 23

No glare found

Field D6 Array: OP 24

No glare found

Field D6 Array: OP 25

No glare found

Field D6 Array: OP 26

No glare found

Field D6 Array: OP 27

No glare found

Field D6 Array: OP 28

No glare found

Field D6 Array: OP 29

No glare found

Field D6 Array: OP 30

No glare found

Field D6 Array: OP 31

No glare found

Field D6 Array: OP 32

No glare found

Field D6 Array: OP 33

No glare found

Field D6 Array: OP 34

No glare found

Field D6 Array: OP 35

No glare found

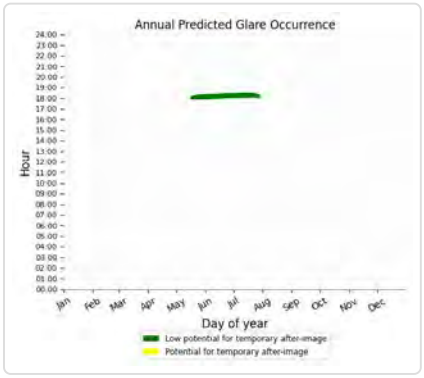
Field D6 Array: OP 36

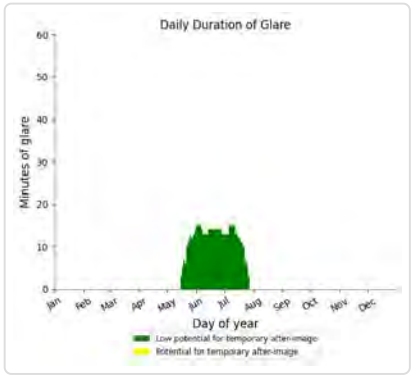
No glare found

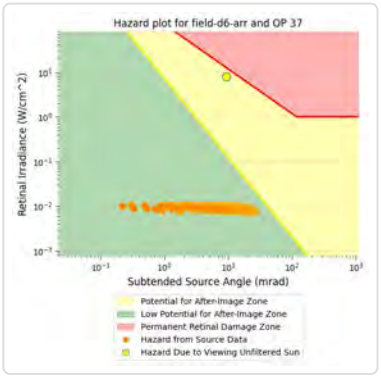
Field D6 Array: OP 37

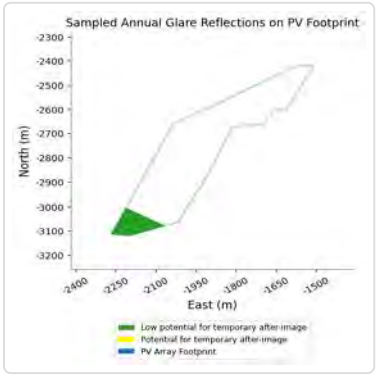
PV array is expected to produce the following glare for this receptor:

- 887 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





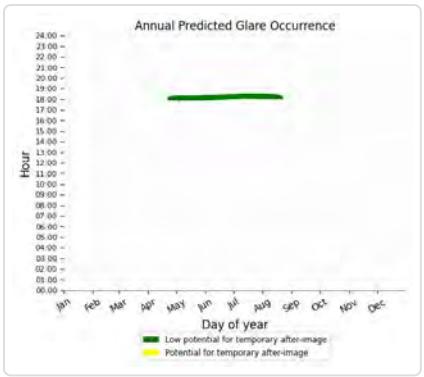




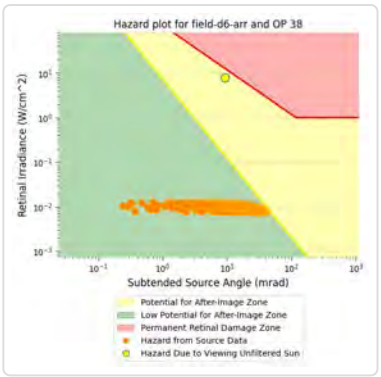
Field D6 Array: OP 38

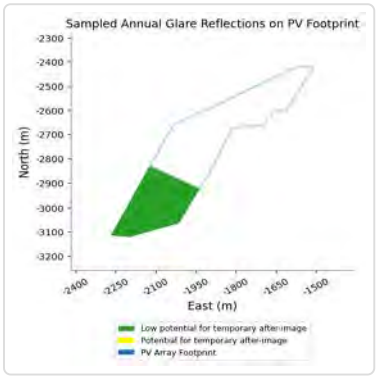
PV array is expected to produce the following glare for this receptor:

- 1,623 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





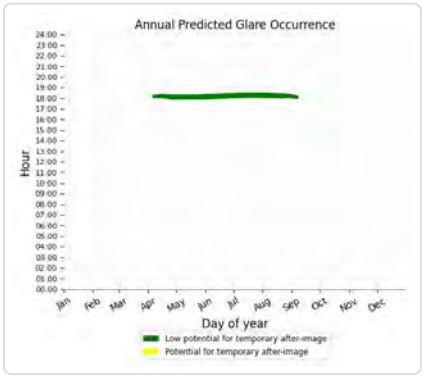


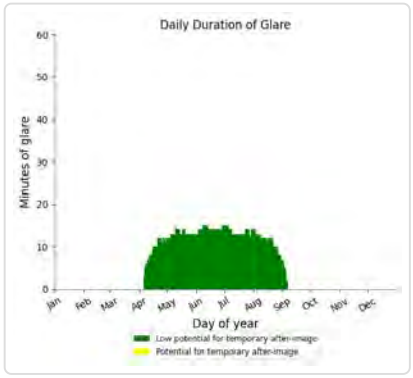


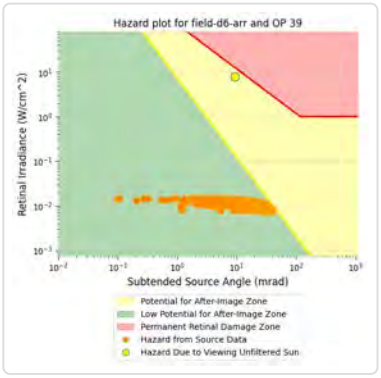
Field D6 Array: OP 39

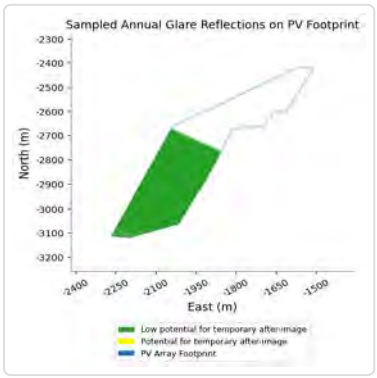
PV array is expected to produce the following glare for this receptor:

- 1,876 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





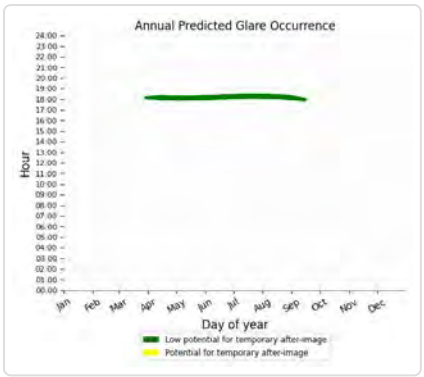


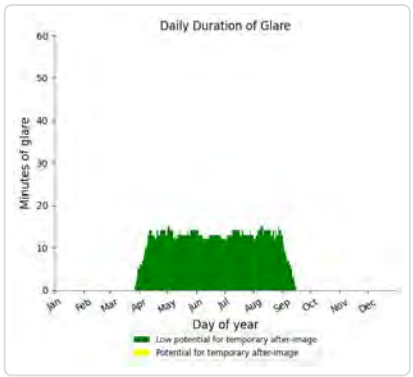


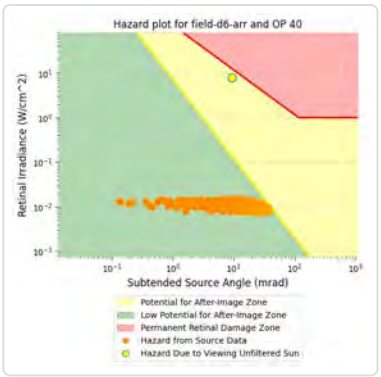
Field D6 Array: OP 40

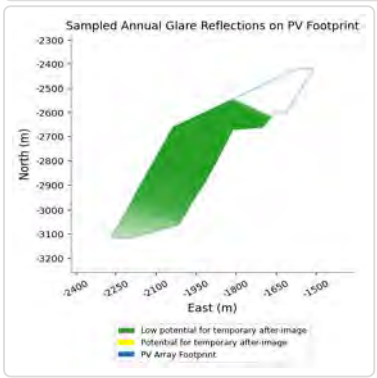
PV array is expected to produce the following glare for this receptor:

- 2,088 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





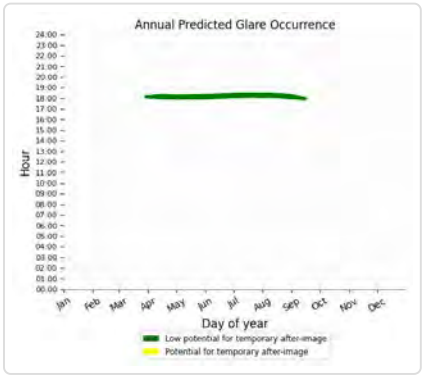




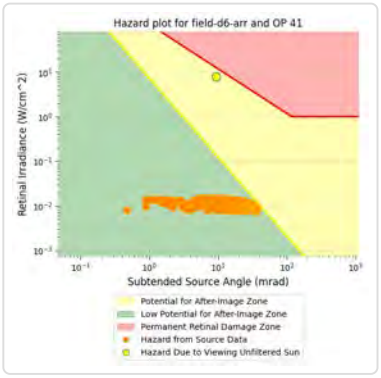
Field D6 Array: OP 41

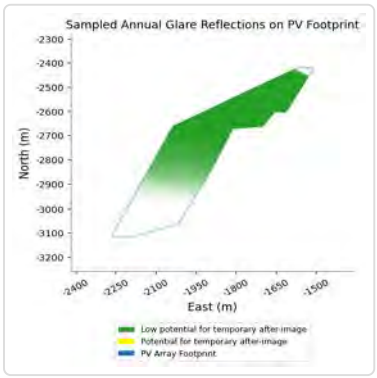
PV array is expected to produce the following glare for this receptor:

- 2,287 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





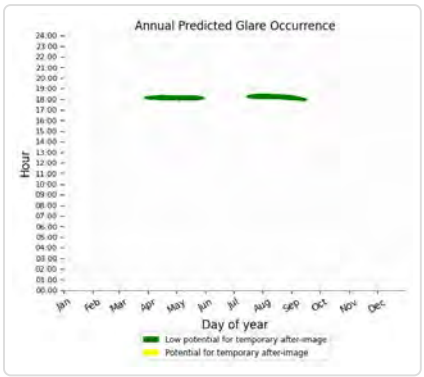


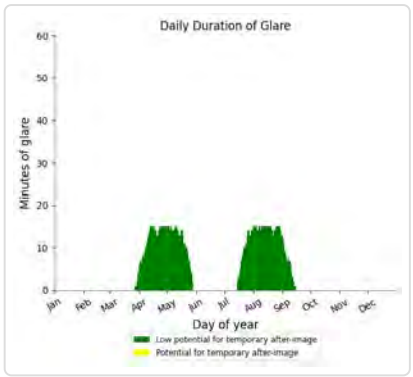


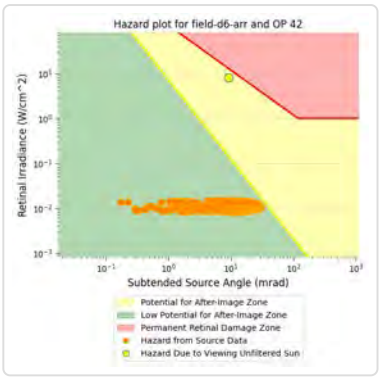
Field D6 Array: OP 42

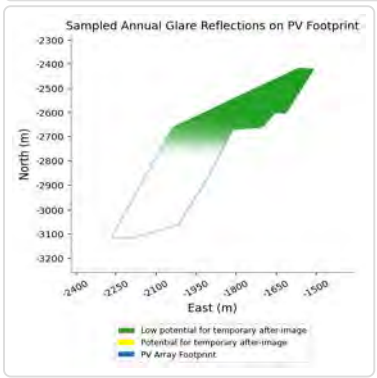
PV array is expected to produce the following glare for this receptor:

- 1,432 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





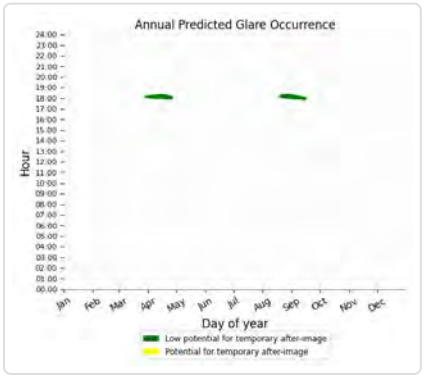


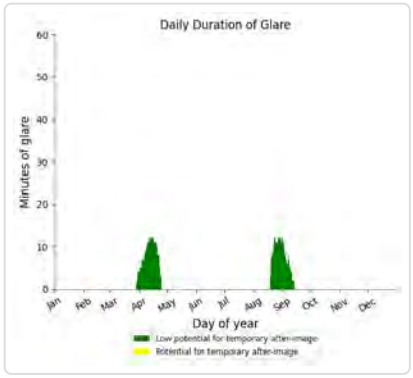


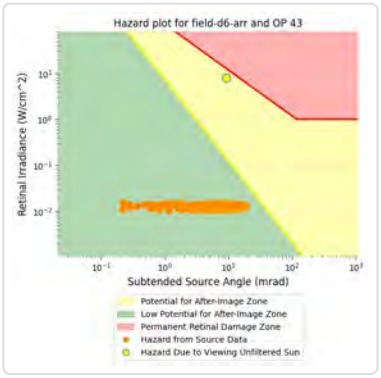
Field D6 Array: OP 43

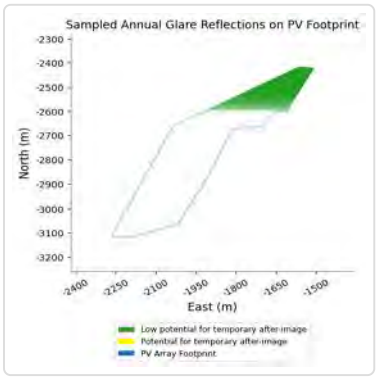
PV array is expected to produce the following glare for this receptor:

- 436 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D6 Array: OP 44

No glare found

Field D6 Array: OP 45

No glare found

Field D6 Array: OP 46

No glare found

Field D6 Array: OP 47

No glare found

Field D6 Array: OP 48

No glare found

Field D6 Array: OP 49

No glare found

Field D6 Array: OP 50

No glare found

Field D6 Array: OP 51

No glare found

Field D6 Array: OP 52

No glare found

Field D6 Array: OP 53

No glare found

Field D6 Array: OP 54

No glare found

Field D6 Array: OP 55

No glare found

Field D6 Array: OP 56

No glare found

Field D6 Array: OP 57

No glare found

Field D6 Array: OP 58

No glare found

Field D6 Array: OP 59

No glare found

Field D6 Array: OP 60

No glare found

Field D6 Array: OP 61

No glare found

Field D6 Array: OP 62

No glare found

Field D6 Array: OP 63

No glare found

Field D6 Array: OP 64

No glare found

Field D6 Array: OP 65

No glare found

Field D6 Array: OP 66

No glare found

Field D6 Array: OP 67

No glare found

Field D6 Array: OP 68

No glare found

Field D6 Array: OP 69

No glare found

Field D6 Array: OP 70

No glare found

Field D7 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	1877	304
OP: OP 13	2010	704
OP: OP 14	508	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	287	0
OP: OP 41	1786	0
OP: OP 42	2557	0
OP: OP 43	701	0

OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D7 Array: OP 1

No glare found

Field D7 Array: OP 2

No glare found

Field D7 Array: OP 3

No glare found

Field D7 Array: OP 4

No glare found

Field D7 Array: OP 5

No glare found

Field D7 Array: OP 6

No glare found

Field D7 Array: OP 7

No glare found

Field D7 Array: OP 8

No glare found

Field D7 Array: OP 9

No glare found

Field D7 Array: OP 10

No glare found

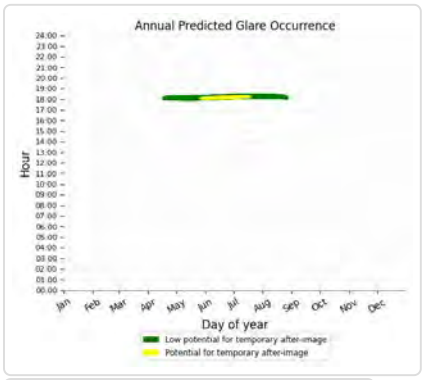
Field D7 Array: OP 11

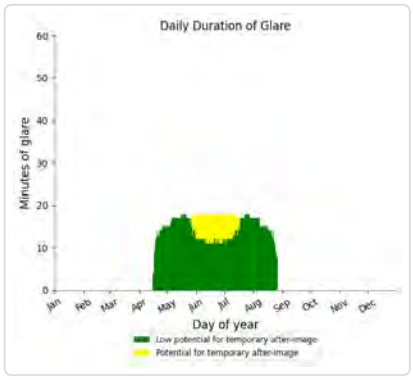
No glare found

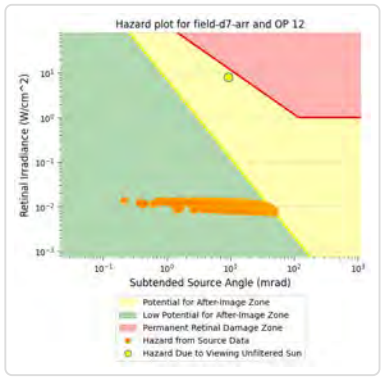
Field D7 Array: OP 12

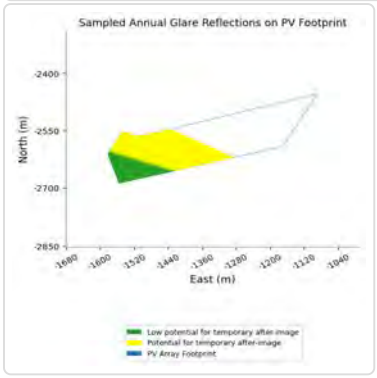
PV array is expected to produce the following glare for this receptor:

- 1,877 minutes of "green" glare with low potential to cause temporary after-image.
- 304 minutes of "yellow" glare with potential to cause temporary after-image.





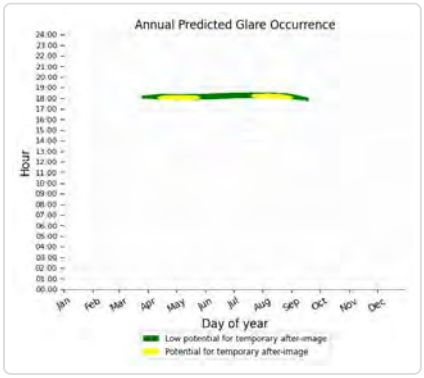


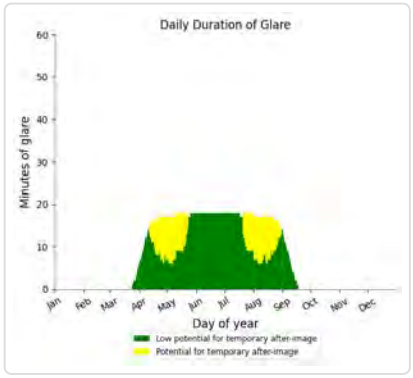


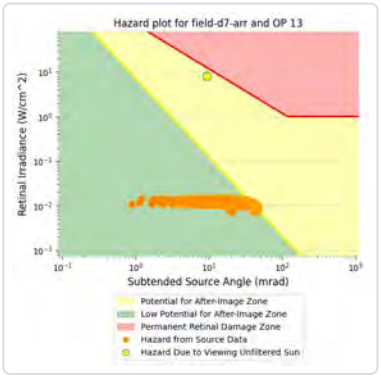
Field D7 Array: OP 13

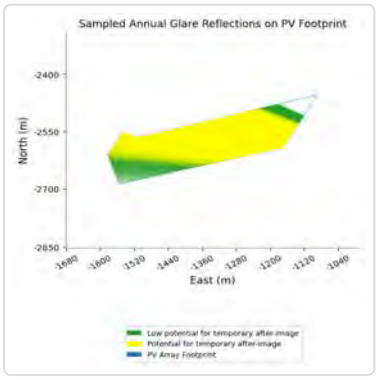
PV array is expected to produce the following glare for this receptor:

- 2,010 minutes of "green" glare with low potential to cause temporary after-image.
- 704 minutes of "yellow" glare with potential to cause temporary after-image.





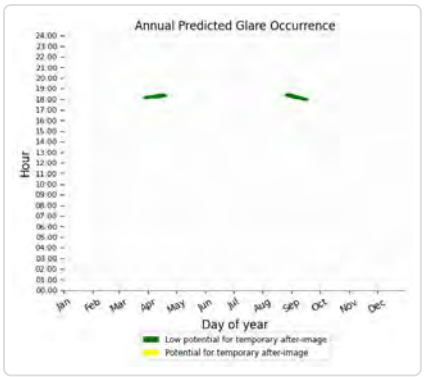


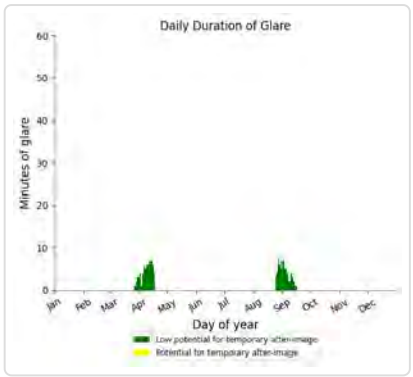


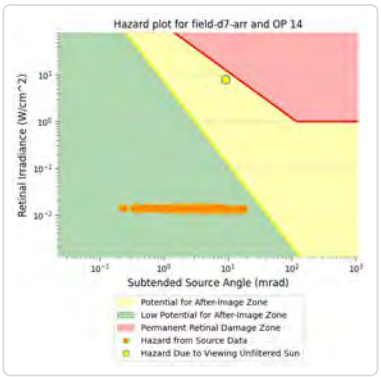
Field D7 Array: OP 14

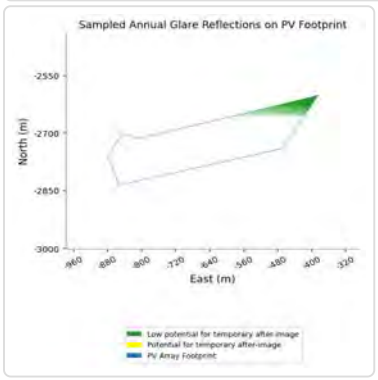
PV array is expected to produce the following glare for this receptor:

- 508 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 15

No glare found

Field D7 Array: OP 16

No glare found

Field D7 Array: OP 17

No glare found

Field D7 Array: OP 18

No glare found

Field D7 Array: OP 19

No glare found

Field D7 Array: OP 20

No glare found

Field D7 Array: OP 21

No glare found

Field D7 Array: OP 22

No glare found

Field D7 Array: OP 23

No glare found

Field D7 Array: OP 24

No glare found

Field D7 Array: OP 25

No glare found

Field D7 Array: OP 26

No glare found

Field D7 Array: OP 27

No glare found

Field D7 Array: OP 28

No glare found

Field D7 Array: OP 29

No glare found

Field D7 Array: OP 30

No glare found

Field D7 Array: OP 31

No glare found

Field D7 Array: OP 32

No glare found

Field D7 Array: OP 33

No glare found

Field D7 Array: OP 34

No glare found

Field D7 Array: OP 35

No glare found

Field D7 Array: OP 36

No glare found

Field D7 Array: OP 37

No glare found

Field D7 Array: OP 38

No glare found

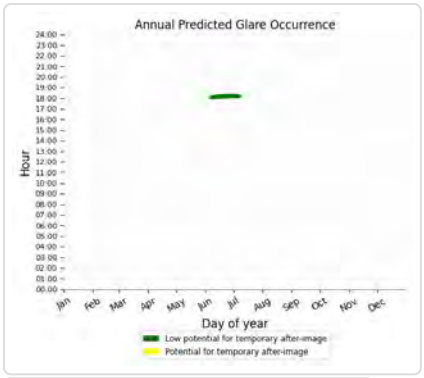
Field D7 Array: OP 39

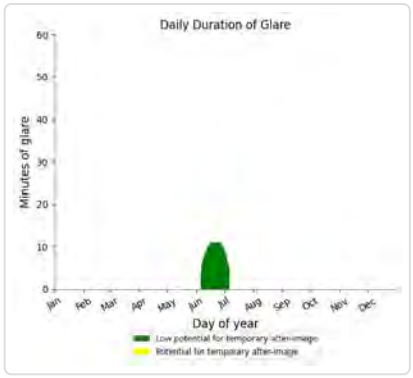
No glare found

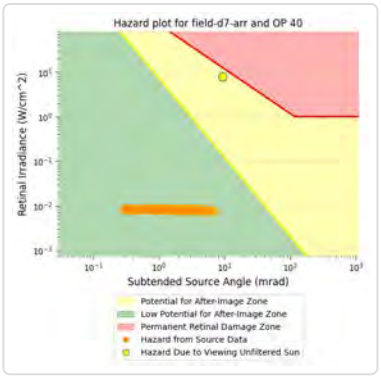
Field D7 Array: OP 40

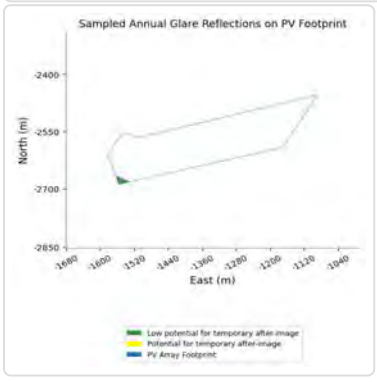
PV array is expected to produce the following glare for this receptor:

- 287 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





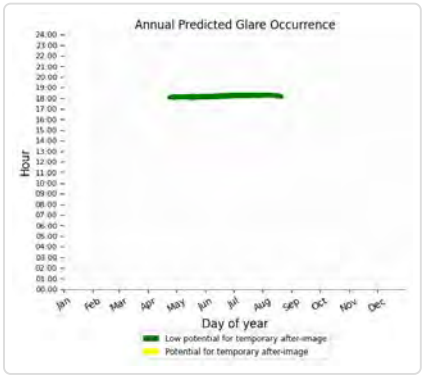


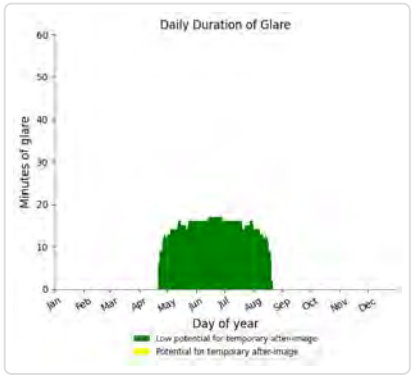


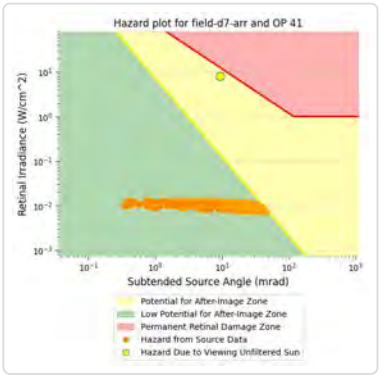
Field D7 Array: OP 41

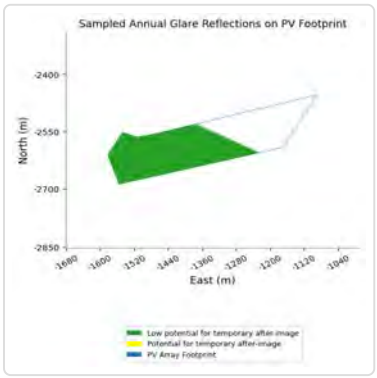
PV array is expected to produce the following glare for this receptor:

- 1,786 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





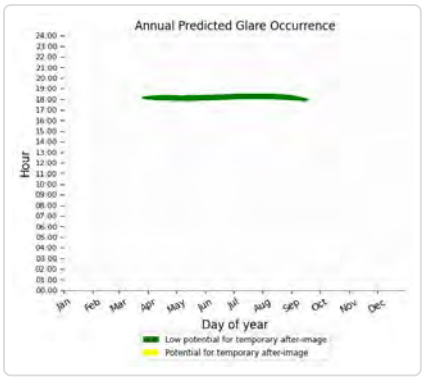




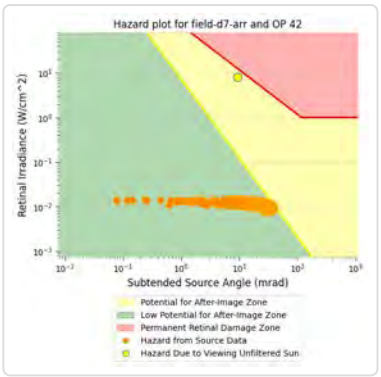
Field D7 Array: OP 42

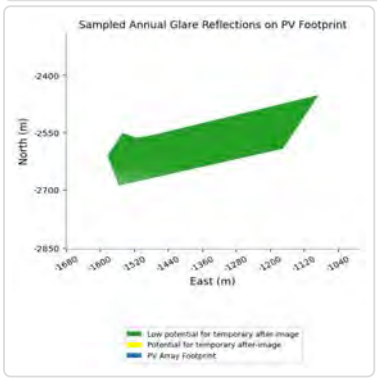
PV array is expected to produce the following glare for this receptor:

- 2,557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





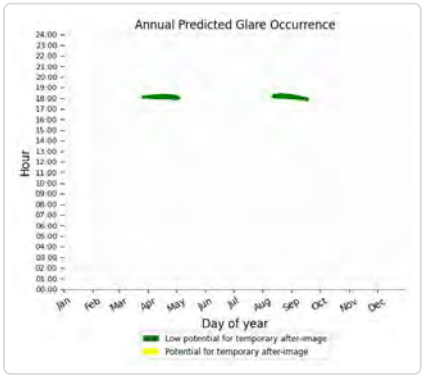


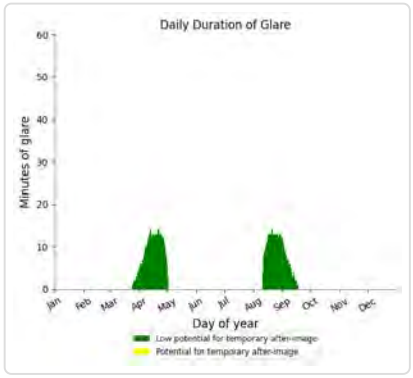


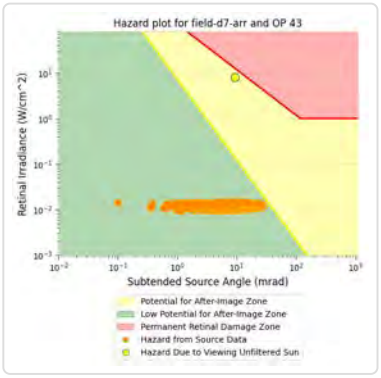
Field D7 Array: OP 43

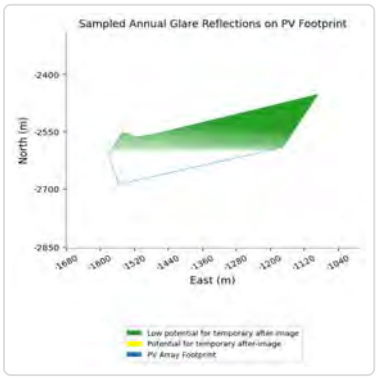
PV array is expected to produce the following glare for this receptor:

- 701 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D7 Array: OP 44

No glare found

Field D7 Array: OP 45

No glare found

Field D7 Array: OP 46

No glare found

Field D7 Array: OP 47

No glare found

Field D7 Array: OP 48

No glare found

Field D7 Array: OP 49

No glare found

Field D7 Array: OP 50

No glare found

Field D7 Array: OP 51

No glare found

Field D7 Array: OP 52

No glare found

Field D7 Array: OP 53

No glare found

Field D7 Array: OP 54

No glare found

Field D7 Array: OP 55

No glare found

Field D7 Array: OP 56

No glare found

Field D7 Array: OP 57

No glare found

Field D7 Array: OP 58

No glare found

Field D7 Array: OP 59

No glare found

Field D7 Array: OP 60

No glare found

Field D7 Array: OP 61

No glare found

Field D7 Array: OP 62

No glare found

Field D7 Array: OP 63

No glare found

Field D7 Array: OP 64

No glare found

Field D7 Array: OP 65

No glare found

Field D7 Array: OP 66

No glare found

Field D7 Array: OP 67

No glare found

Field D7 Array: OP 68

No glare found

Field D7 Array: OP 69

No glare found

Field D7 Array: OP 70

No glare found

Field D8 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	540	0
OP: OP 12	1730	0
OP: OP 13	1969	0
OP: OP 14	2075	0
OP: OP 15	774	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	428	0
OP: OP 41	1443	0
OP: OP 42	1655	0
OP: OP 43	1530	0

OP: OP 44	507	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D8 Array: OP 1

No glare found

Field D8 Array: OP 2

No glare found

Field D8 Array: OP 3

No glare found

Field D8 Array: OP 4

No glare found

Field D8 Array: OP 5

No glare found

Field D8 Array: OP 6

No glare found

Field D8 Array: OP 7

No glare found

Field D8 Array: OP 8

No glare found

Field D8 Array: OP 9

No glare found

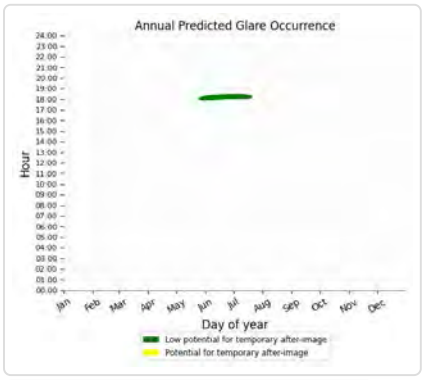
Field D8 Array: OP 10

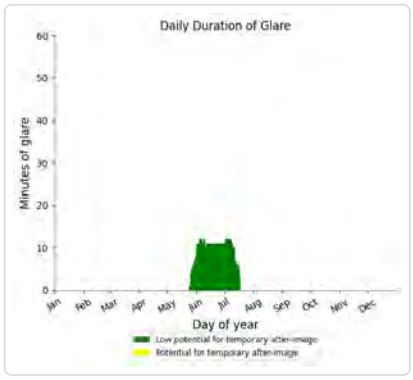
No glare found

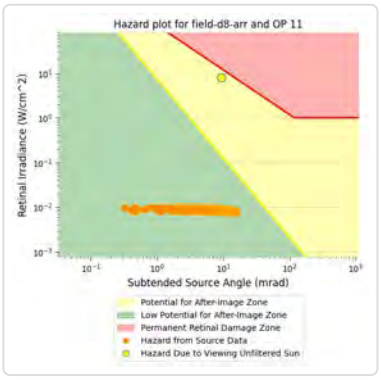
Field D8 Array: OP 11

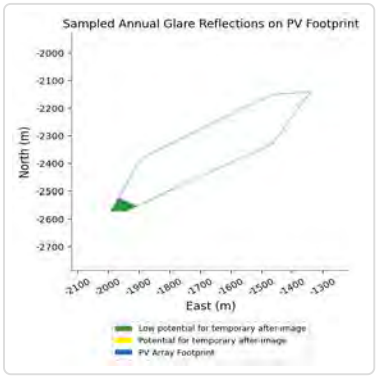
PV array is expected to produce the following glare for this receptor:

- 540 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





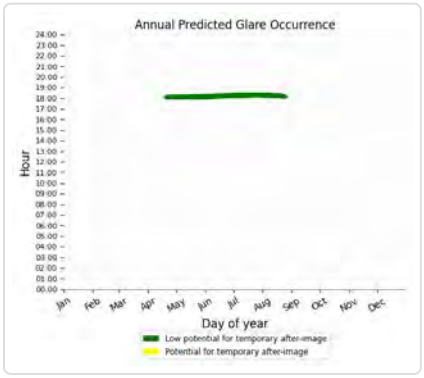


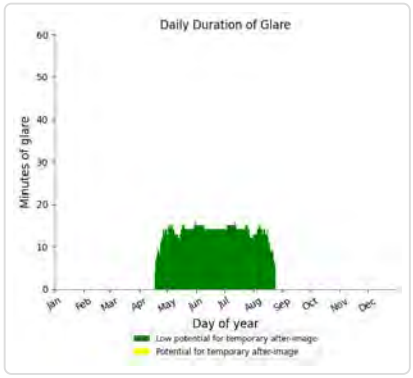


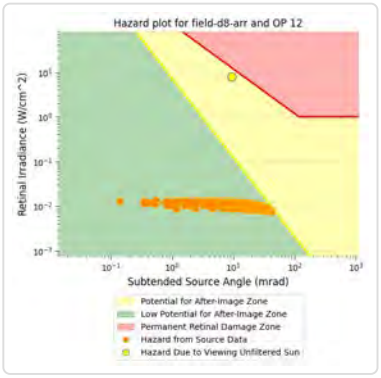
Field D8 Array: OP 12

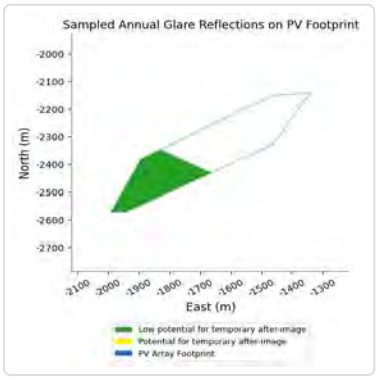
PV array is expected to produce the following glare for this receptor:

- 1,730 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





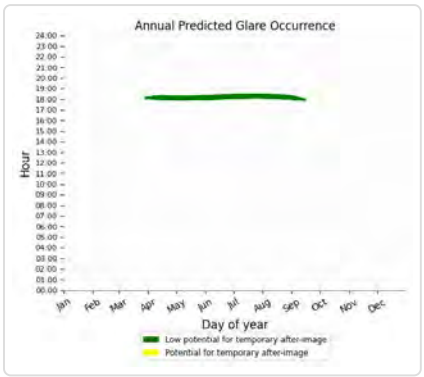




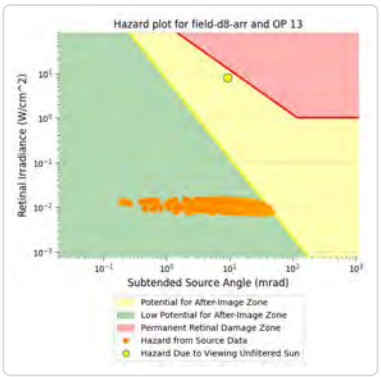
Field D8 Array: OP 13

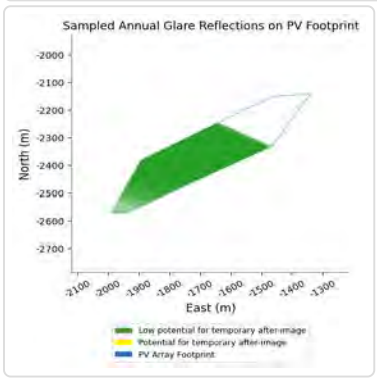
PV array is expected to produce the following glare for this receptor:

- 1,969 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





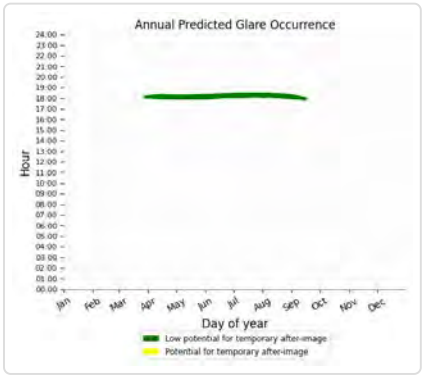


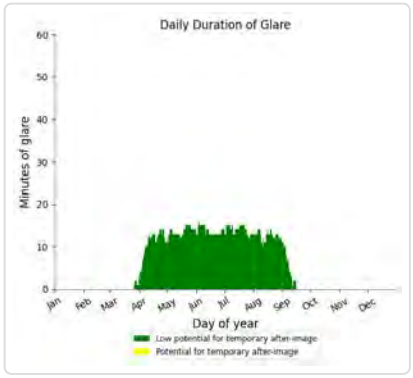


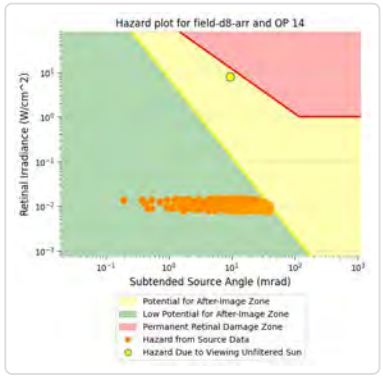
Field D8 Array: OP 14

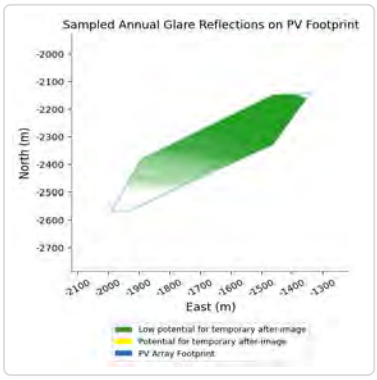
PV array is expected to produce the following glare for this receptor:

- 2,075 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





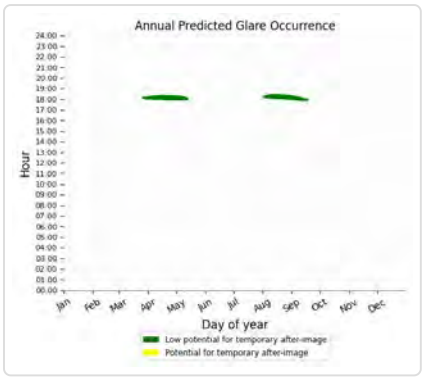


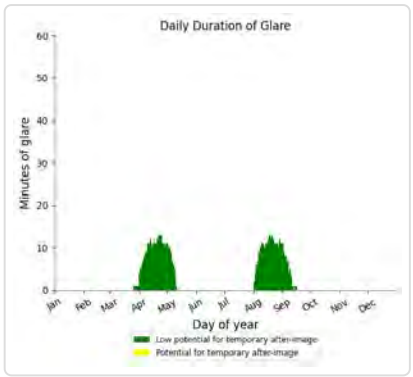


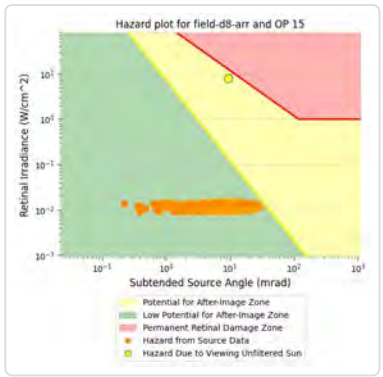
Field D8 Array: OP 15

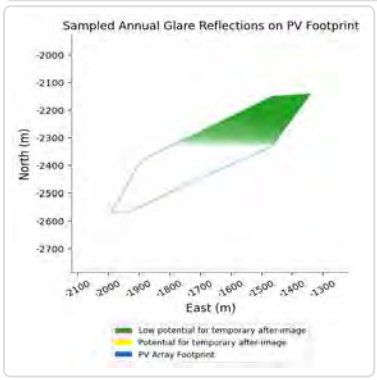
PV array is expected to produce the following glare for this receptor:

- 774 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 16

No glare found

Field D8 Array: OP 17

No glare found

Field D8 Array: OP 18

No glare found

Field D8 Array: OP 19

No glare found

Field D8 Array: OP 20

No glare found

Field D8 Array: OP 21

No glare found

Field D8 Array: OP 22

No glare found

Field D8 Array: OP 23

No glare found

Field D8 Array: OP 24

No glare found

Field D8 Array: OP 25

No glare found

Field D8 Array: OP 26

No glare found

Field D8 Array: OP 27

No glare found

Field D8 Array: OP 28

No glare found

Field D8 Array: OP 29

No glare found

Field D8 Array: OP 30

No glare found

Field D8 Array: OP 31

No glare found

Field D8 Array: OP 32

No glare found

Field D8 Array: OP 33

No glare found

Field D8 Array: OP 34

No glare found

Field D8 Array: OP 35

No glare found

Field D8 Array: OP 36

No glare found

Field D8 Array: OP 37

No glare found

Field D8 Array: OP 38

No glare found

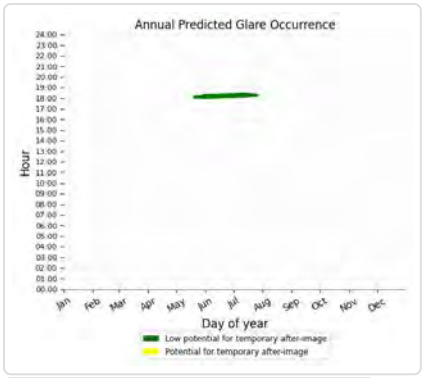
Field D8 Array: OP 39

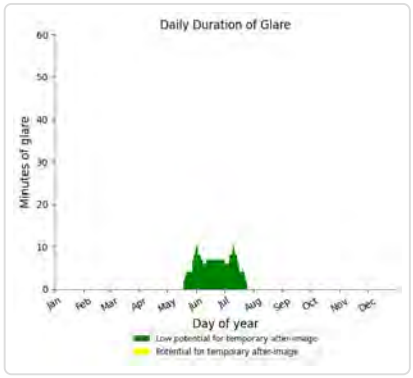
No glare found

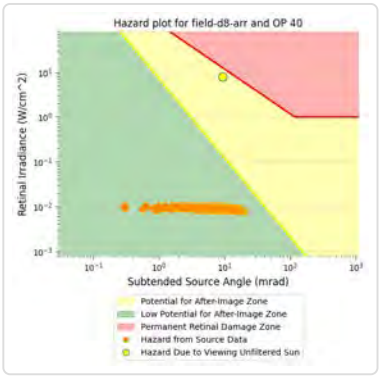
Field D8 Array: OP 40

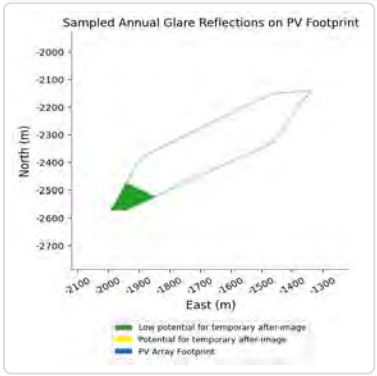
PV array is expected to produce the following glare for this receptor:

- 428 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





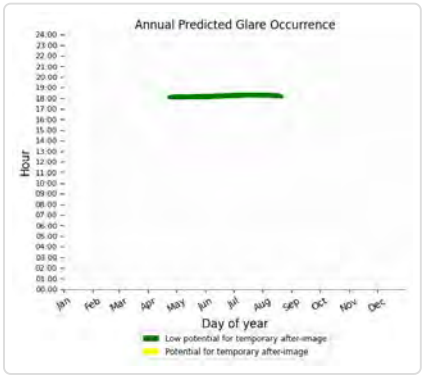


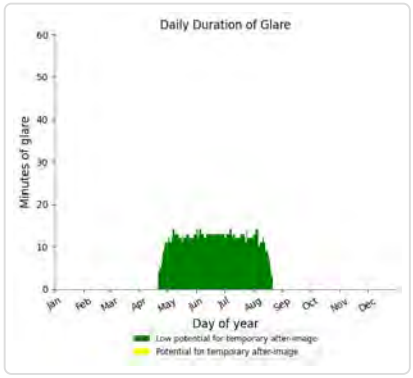


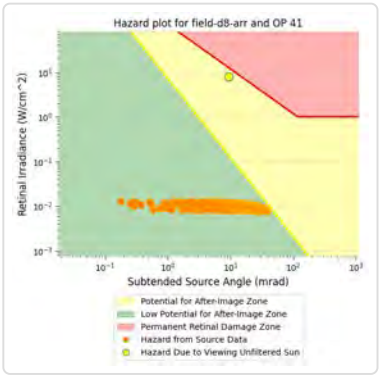
Field D8 Array: OP 41

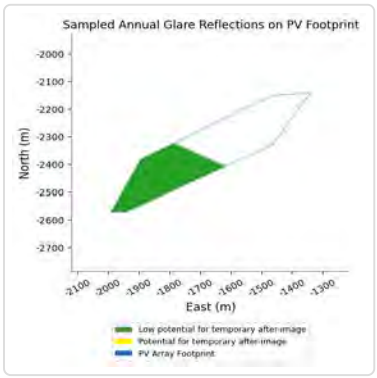
PV array is expected to produce the following glare for this receptor:

- 1,443 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





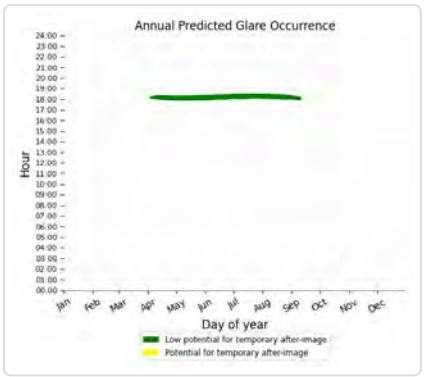


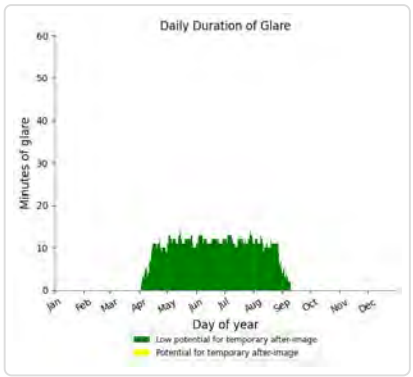


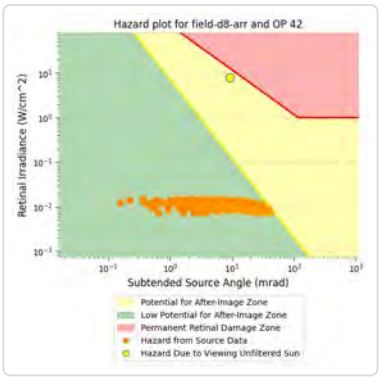
Field D8 Array: OP 42

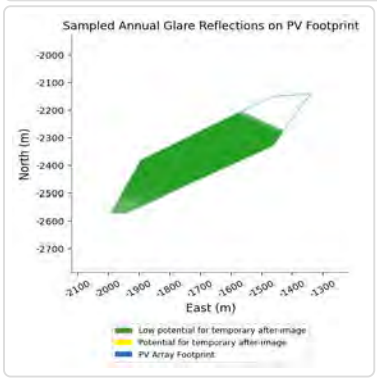
PV array is expected to produce the following glare for this receptor:

- 1,655 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





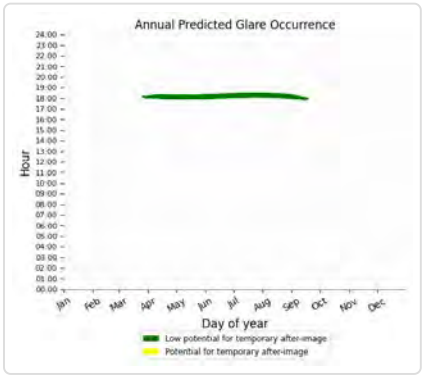


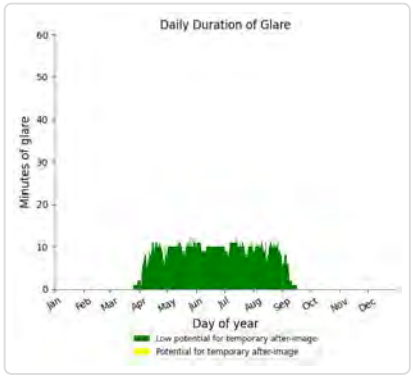


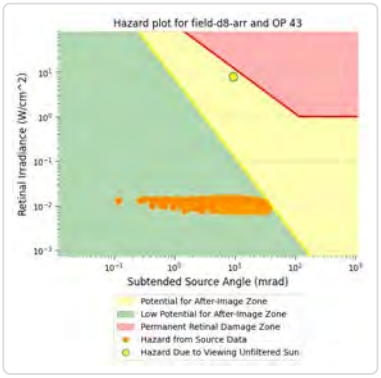
Field D8 Array: OP 43

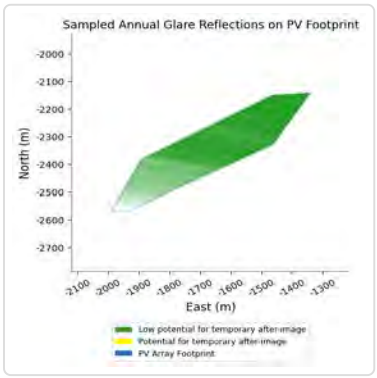
PV array is expected to produce the following glare for this receptor:

- 1,530 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





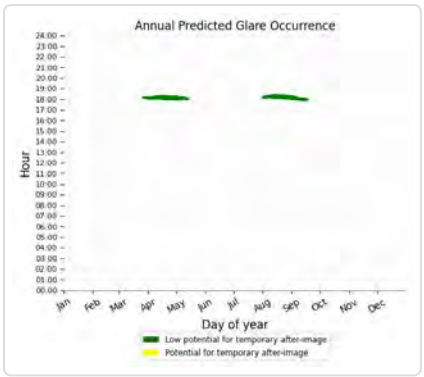


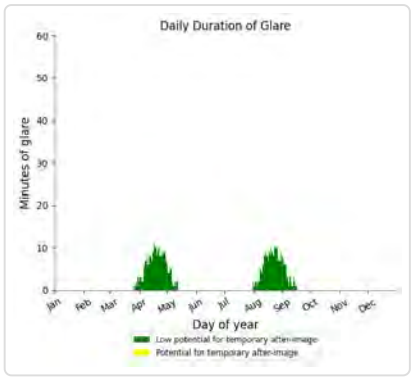


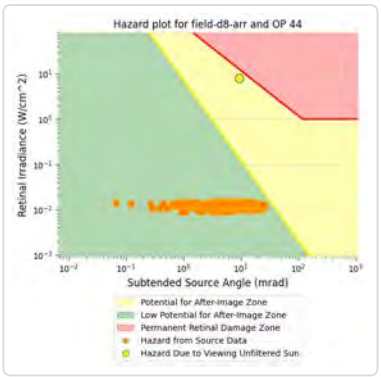
Field D8 Array: OP 44

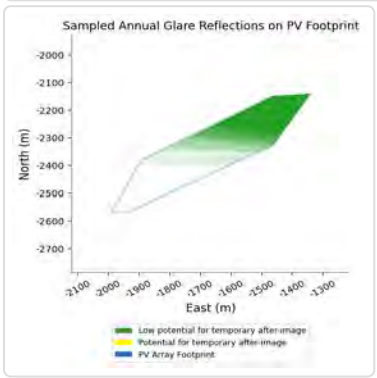
PV array is expected to produce the following glare for this receptor:

- 507 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D8 Array: OP 45

No glare found

Field D8 Array: OP 46

No glare found

Field D8 Array: OP 47

No glare found

Field D8 Array: OP 48

No glare found

Field D8 Array: OP 49

No glare found

Field D8 Array: OP 50

No glare found

Field D8 Array: OP 51

No glare found

Field D8 Array: OP 52

No glare found

Field D8 Array: OP 53

No glare found

Field D8 Array: OP 54

No glare found

Field D8 Array: OP 55

No glare found

Field D8 Array: OP 56

No glare found

Field D8 Array: OP 57

No glare found

Field D8 Array: OP 58

No glare found

Field D8 Array: OP 59

No glare found

Field D8 Array: OP 60

No glare found

Field D8 Array: OP 61

No glare found

Field D8 Array: OP 62

No glare found

Field D8 Array: OP 63

No glare found

Field D8 Array: OP 64

No glare found

Field D8 Array: OP 65

No glare found

Field D8 Array: OP 66

No glare found

Field D8 Array: OP 67

No glare found

Field D8 Array: OP 68

No glare found

Field D8 Array: OP 69

No glare found

Field D8 Array: OP 70

No glare found

Field D9 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	948	0
OP: OP 17	1623	604
OP: OP 18	2132	329
OP: OP 19	52	0
OP: OP 20	0	0

OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	1064	0
OP: OP 46	1776	164
OP: OP 47	2445	52
OP: OP 48	1834	0
OP: OP 49	303	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0

Field D9 Array: OP 1

No glare found

Field D9 Array: OP 2

No glare found

Field D9 Array: OP 3

No glare found

Field D9 Array: OP 4

No glare found

Field D9 Array: OP 5

No glare found

Field D9 Array: OP 6

No glare found

Field D9 Array: OP 7

No glare found

Field D9 Array: OP 8

No glare found

Field D9 Array: OP 9

No glare found

Field D9 Array: OP 10

No glare found

Field D9 Array: OP 11

No glare found

Field D9 Array: OP 12

No glare found

Field D9 Array: OP 13

No glare found

Field D9 Array: OP 14

No glare found

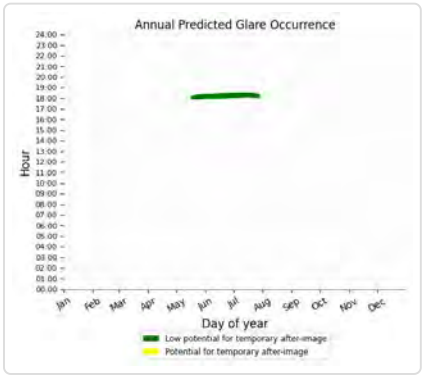
Field D9 Array: OP 15

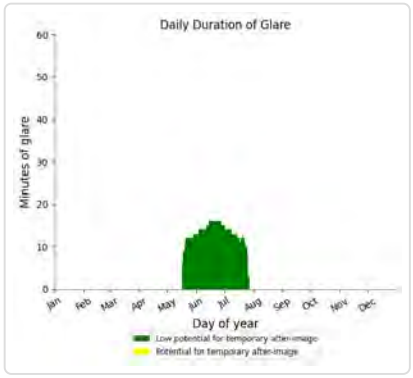
No glare found

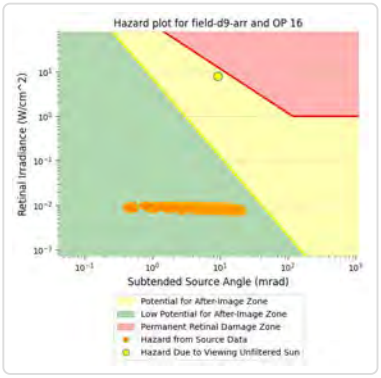
Field D9 Array: OP 16

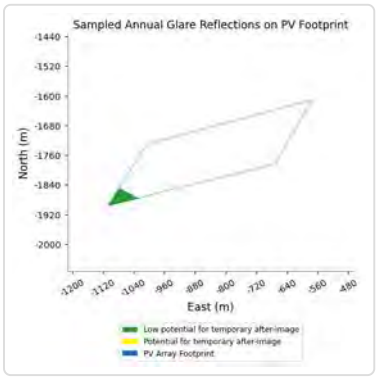
PV array is expected to produce the following glare for this receptor:

- 948 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





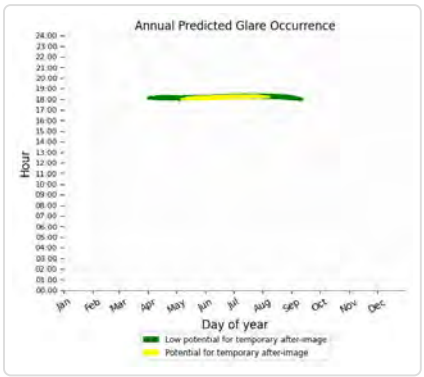


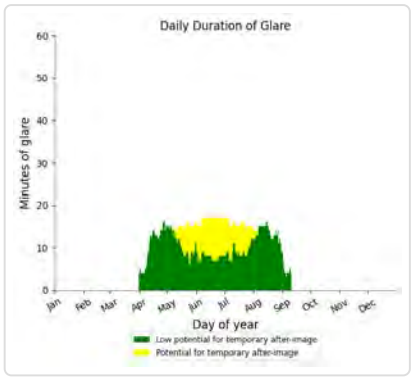


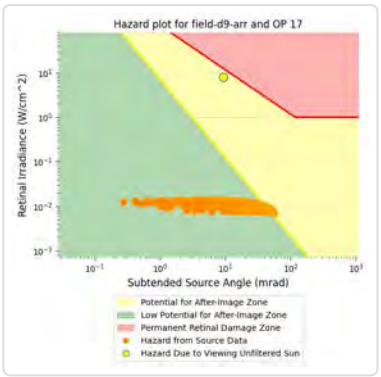
Field D9 Array: OP 17

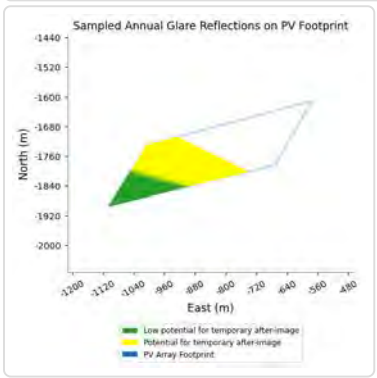
PV array is expected to produce the following glare for this receptor:

- 1,623 minutes of "green" glare with low potential to cause temporary after-image.
- 604 minutes of "yellow" glare with potential to cause temporary after-image.





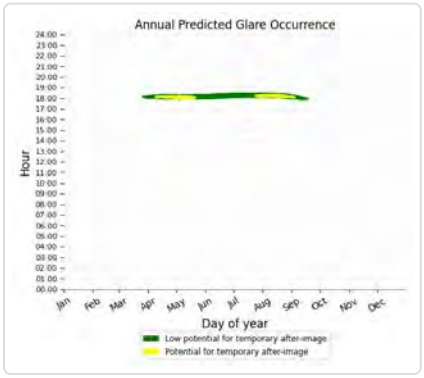


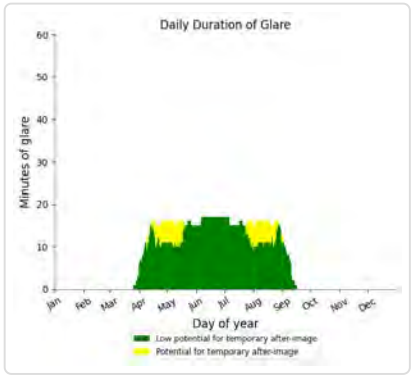


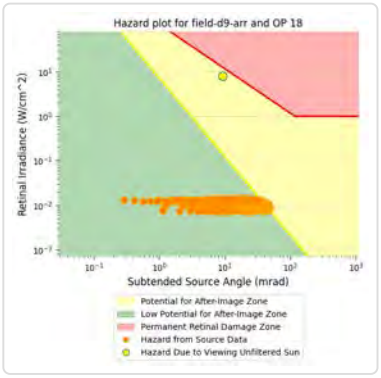
Field D9 Array: OP 18

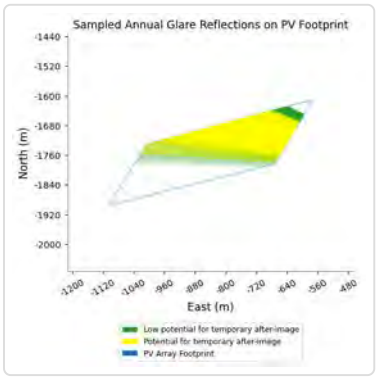
PV array is expected to produce the following glare for this receptor:

- 2,132 minutes of "green" glare with low potential to cause temporary after-image.
- 329 minutes of "yellow" glare with potential to cause temporary after-image.





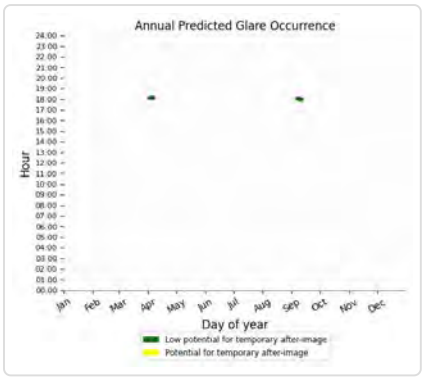


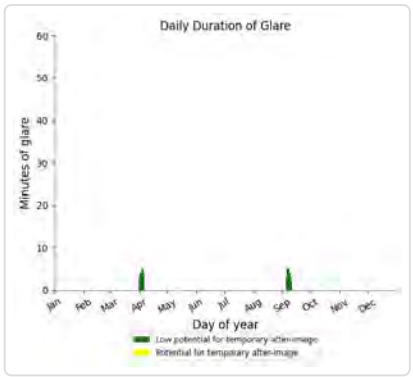


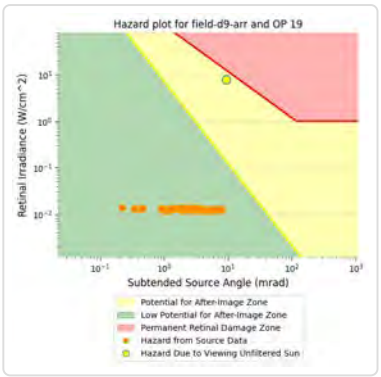
Field D9 Array: OP 19

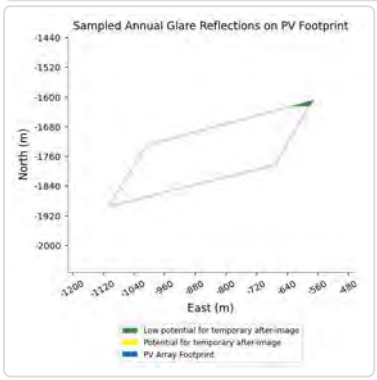
PV array is expected to produce the following glare for this receptor:

- 52 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 20

No glare found

Field D9 Array: OP 21

No glare found

Field D9 Array: OP 22

No glare found

Field D9 Array: OP 23

No glare found

Field D9 Array: OP 24

No glare found

Field D9 Array: OP 25

No glare found

Field D9 Array: OP 26

No glare found

Field D9 Array: OP 27

No glare found

Field D9 Array: OP 28

No glare found

Field D9 Array: OP 29

No glare found

Field D9 Array: OP 30

No glare found

Field D9 Array: OP 31

No glare found

Field D9 Array: OP 32

No glare found

Field D9 Array: OP 33

No glare found

Field D9 Array: OP 34

No glare found

Field D9 Array: OP 35

No glare found

Field D9 Array: OP 36

No glare found

Field D9 Array: OP 37

No glare found

Field D9 Array: OP 38

No glare found

Field D9 Array: OP 39

No glare found

Field D9 Array: OP 40

No glare found

Field D9 Array: OP 41

No glare found

Field D9 Array: OP 42

No glare found

Field D9 Array: OP 43

No glare found

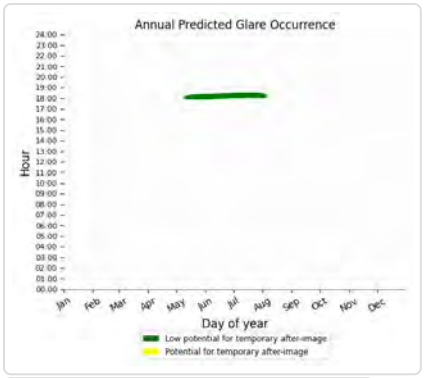
Field D9 Array: OP 44

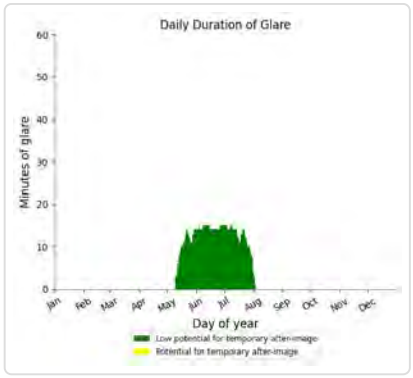
No glare found

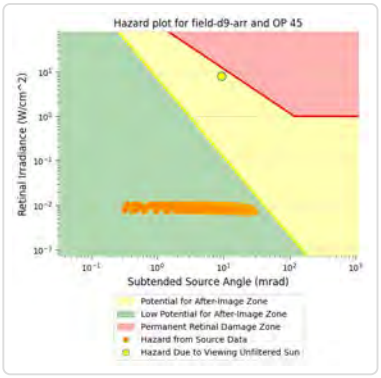
Field D9 Array: OP 45

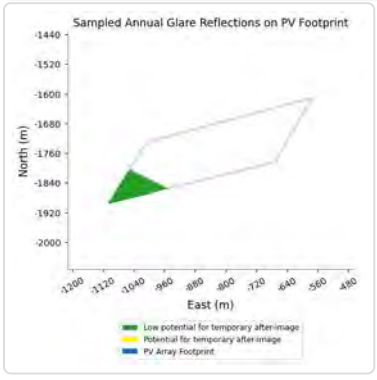
PV array is expected to produce the following glare for this receptor:

- 1,064 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





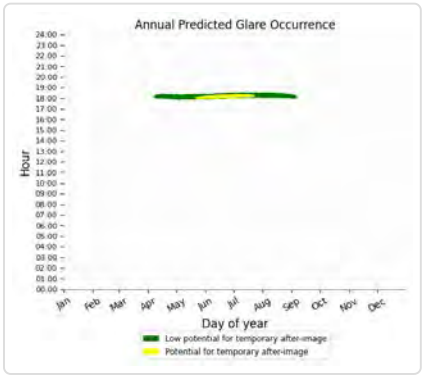


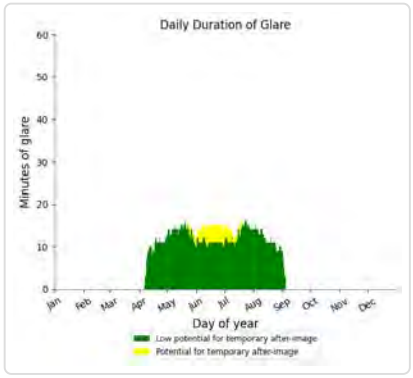


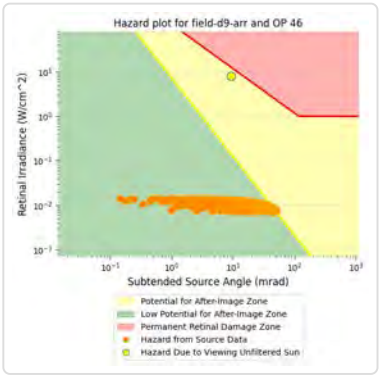
Field D9 Array: OP 46

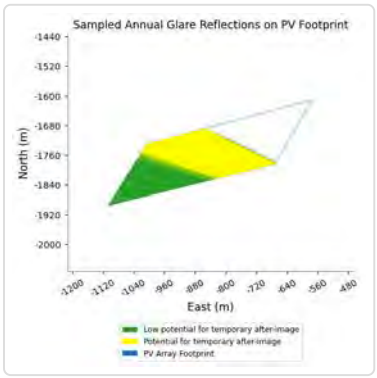
PV array is expected to produce the following glare for this receptor:

- 1,776 minutes of "green" glare with low potential to cause temporary after-image.
- 164 minutes of "yellow" glare with potential to cause temporary after-image.





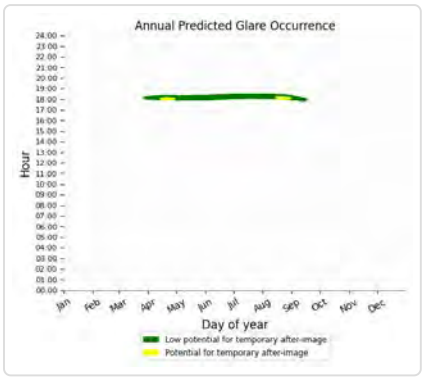




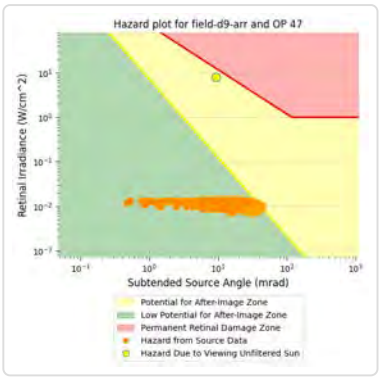
Field D9 Array: OP 47

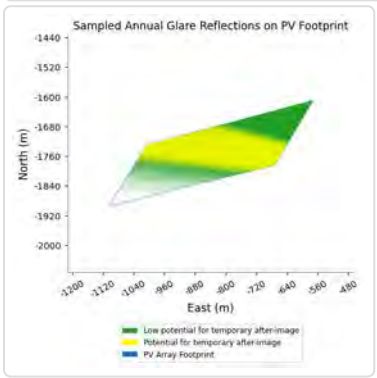
PV array is expected to produce the following glare for this receptor:

- 2,445 minutes of "green" glare with low potential to cause temporary after-image.
- 52 minutes of "yellow" glare with potential to cause temporary after-image.





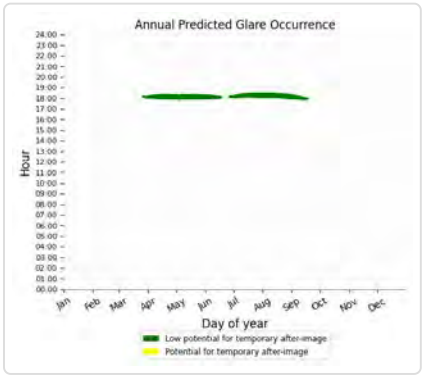


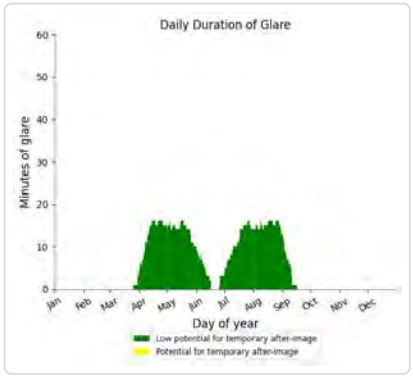


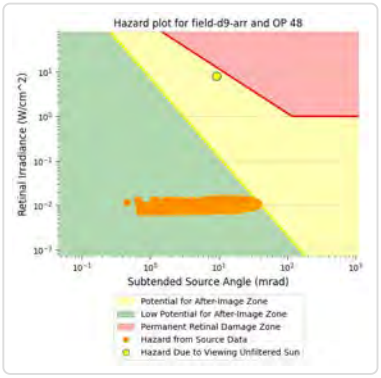
Field D9 Array: OP 48

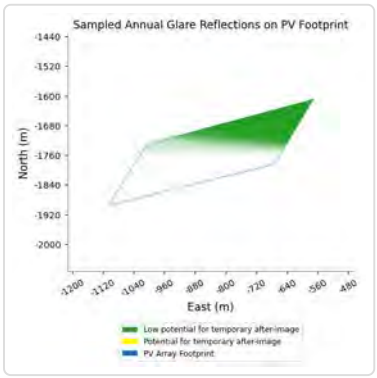
PV array is expected to produce the following glare for this receptor:

- 1,834 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





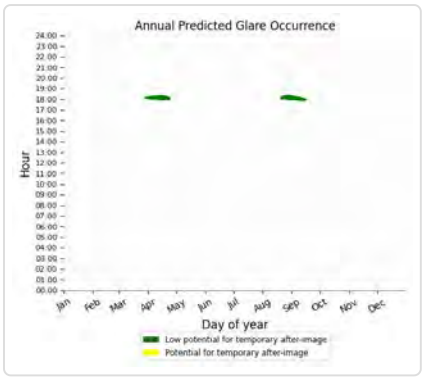


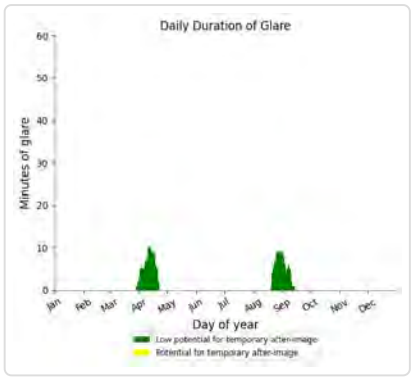


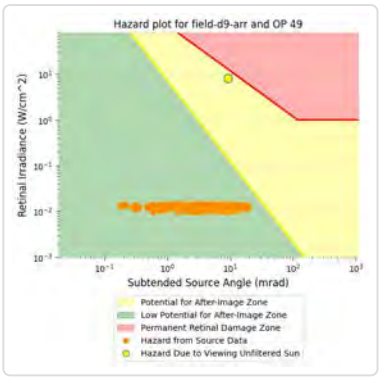
Field D9 Array: OP 49

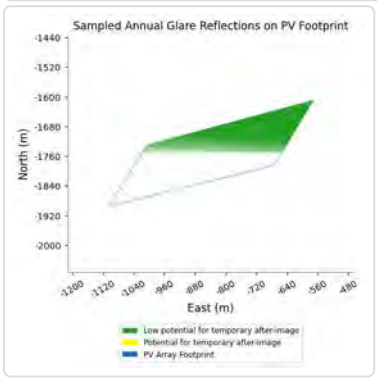
PV array is expected to produce the following glare for this receptor:

- 303 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D9 Array: OP 50

No glare found

Field D9 Array: OP 51

No glare found

Field D9 Array: OP 52

No glare found

Field D9 Array: OP 53

No glare found

Field D9 Array: OP 54

No glare found

Field D9 Array: OP 55

No glare found

Field D9 Array: OP 56

No glare found

Field D9 Array: OP 57

No glare found

Field D9 Array: OP 58

No glare found

Field D9 Array: OP 59

No glare found

Field D9 Array: OP 60

No glare found

Field D9 Array: OP 61

No glare found

Field D9 Array: OP 62

No glare found

Field D9 Array: OP 63

No glare found

Field D9 Array: OP 64

No glare found

Field D9 Array: OP 65

No glare found

Field D9 Array: OP 66

No glare found

Field D9 Array: OP 67

No glare found

Field D9 Array: OP 68

No glare found

Field D9 Array: OP 69

No glare found

Field D9 Array: OP 70

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Annex J: Bridleway Receptor Glare Results East 10 Degrees

ForgeSolar

Meridian Solar Farm East

Meridian East Bridleway 10 Degrees

Created Jun 19, 2025
Updated Sep 12, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 152400.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	10.0	180.0	1,730	0	-
Field D1A-B Array	10.0	180.0	19,847	18,698	-
Field D1C Array	10.0	180.0	3,504	3,851	-
Field D2 Array	10.0	180.0	0	0	-
Field D3 Array	10.0	180.0	0	0	-
Field D5 Array	10.0	180.0	0	0	-
Field D6 Array	10.0	180.0	0	0	-
Field D7 Array	10.0	180.0	0	0	-
Field D8 Array	10.0	180.0	0	0	-
Field D9 Array	10.0	180.0	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 2,349,415 m^2

Name: Field D10 Array
Footprint area: 136,921 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726260	0.005110	1.64	4.30	5.94
2	52.726280	0.006190	1.44	4.30	5.74
3	52.727290	0.012200	0.92	4.30	5.22
4	52.729990	0.014980	1.57	4.30	5.87
5	52.729970	0.013600	1.82	4.30	6.12
6	52.729290	0.008210	1.31	4.30	5.61

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,701 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734150	0.018170	1.76	4.30	6.06
7	52.734140	0.016690	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 417,808 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721760	0.006720	2.04	4.30	6.34
5	52.721760	0.005890	1.47	4.30	5.77
6	52.722100	0.005820	1.64	4.30	5.94
7	52.722300	0.007260	2.17	4.30	6.47
8	52.723460	0.008450	2.13	4.30	6.43
9	52.723520	0.007330	1.58	4.30	5.88
10	52.723970	0.007610	1.68	4.30	5.98
11	52.724640	0.009600	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724970	0.003600	1.82	4.30	6.12
18	52.724490	0.004010	1.22	4.30	5.52
19	52.722900	0.002300	1.46	4.30	5.76
20	52.722760	0.001580	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 812,141 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708690	-0.019660	1.33	4.30	5.63
2	52.708320	-0.017290	1.31	4.30	5.61
3	52.707810	-0.017190	0.84	4.30	5.14
4	52.707810	-0.016140	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.21
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004800	1.86	4.30	6.17
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.89	4.30	6.18
17	52.720130	-0.003470	2.02	4.30	6.31
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.48	4.30	5.78
20	52.722490	0.000690	1.20	4.30	5.50
21	52.722440	-0.000180	1.29	4.30	5.59
22	52.722960	0.000420	1.30	4.30	5.60
23	52.723330	-0.001430	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 268,446 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702730	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700070	-0.021060	1.99	4.30	6.29
8	52.699610	-0.020660	2.06	4.30	6.36
9	52.698980	-0.020530	2.35	4.30	6.64
10	52.698900	-0.022040	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,077 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700890	-0.022750	2.61	4.30	6.91
2	52.702250	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698740	-0.024700	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,242 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702110	-0.017910	2.45	4.30	6.75
2	52.702800	-0.018300	1.02	4.30	5.32
3	52.703320	-0.017780	0.77	4.30	5.07
4	52.703210	-0.017260	0.95	4.30	5.25
5	52.703300	-0.016590	1.08	4.30	5.38
6	52.704210	-0.010990	2.29	4.30	6.58
7	52.702970	-0.012210	2.23	4.30	6.54

Name: Field D8 Array
Footprint area: 93,322 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

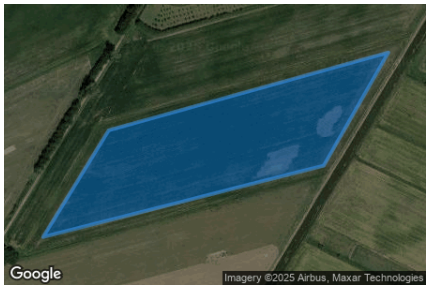
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703150	-0.024330	1.81	4.30	6.11
2	52.703160	-0.023580	1.61	4.30	5.91
3	52.705330	-0.016540	2.05	4.30	6.35
4	52.707010	-0.014740	1.57	4.30	5.87
5	52.706940	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60



Name: Field D9 Array
Footprint area: 61,899 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709230	-0.011260	1.62	4.30	5.92
2	52.710710	-0.009760	1.07	4.30	5.38
3	52.711790	-0.003360	1.62	4.30	5.92
4	52.710220	-0.004840	1.86	4.30	6.16



Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	52.725127	-0.022459	2.29	2.75	5.04
OP 2	52.725413	-0.019519	2.23	2.75	4.98
OP 3	52.725731	-0.016558	2.23	2.75	4.98
OP 4	52.726102	-0.013586	2.01	2.75	4.76
OP 5	52.726387	-0.010893	1.95	2.75	4.70
OP 6	52.726888	-0.007792	1.87	2.75	4.62
OP 7	52.727304	-0.005207	1.62	2.75	4.37
OP 8	52.727875	-0.001956	1.99	2.75	4.74
OP 9	52.728337	0.000780	1.81	2.75	4.56
OP 10	52.728726	0.003451	2.35	2.75	5.10
OP 11	52.729259	0.006552	2.44	2.75	5.19
OP 12	52.729617	0.009492	2.41	2.75	5.16
OP 13	52.729935	0.012228	2.11	2.75	4.86
OP 14	52.730338	0.015039	2.02	2.75	4.77
OP 15	52.731592	0.017056	1.66	2.75	4.41
OP 16	52.733229	0.018472	3.27	2.75	6.02

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	10.0	180.0	1,730	0	-	-
Field D1A-B Array	10.0	180.0	19,847	18,698	-	-
Field D1C Array	10.0	180.0	3,504	3,851	-	-
Field D2 Array	10.0	180.0	0	0	-	-
Field D3 Array	10.0	180.0	0	0	-	-
Field D5 Array	10.0	180.0	0	0	-	-
Field D6 Array	10.0	180.0	0	0	-	-
Field D7 Array	10.0	180.0	0	0	-	-
Field D8 Array	10.0	180.0	0	0	-	-
Field D9 Array	10.0	180.0	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d10-ar (green)	0	0	2	185	0	0	0	140	39	0	0	0
field-d10-ar (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d1a-b (green)	0	0	2	331	597	502	534	521	33	0	0	0
field-d1a-b (yellow)	0	0	0	11	273	657	473	41	1	0	0	0
field-d1c-ar (green)	0	0	6	120	441	647	584	177	34	0	0	0
field-d1c-ar (yellow)	0	0	0	102	414	459	447	224	15	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	110	0
OP: OP 4	118	0
OP: OP 5	200	0
OP: OP 6	156	0
OP: OP 7	197	0
OP: OP 8	248	0
OP: OP 9	231	0
OP: OP 10	227	0
OP: OP 11	141	0
OP: OP 12	102	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0

OP: OP 16	0	0

Field D10 Array: OP 1

No glare found

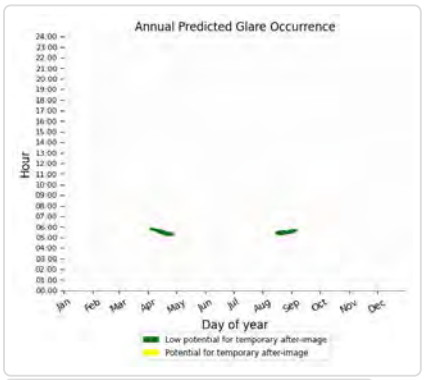
Field D10 Array: OP 2

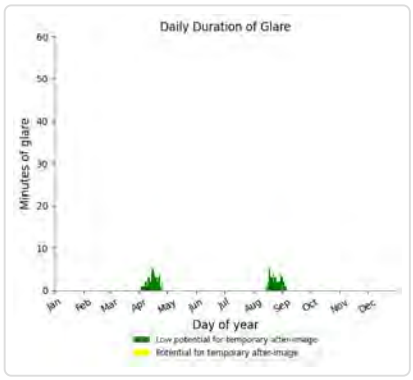
No glare found

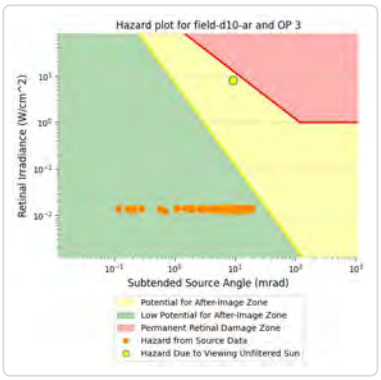
Field D10 Array: OP 3

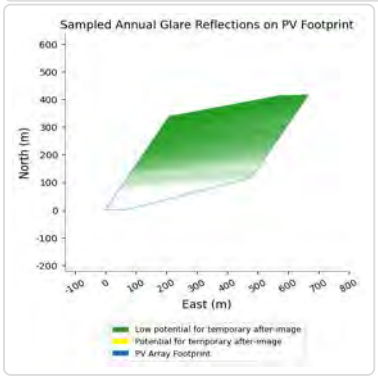
PV array is expected to produce the following glare for this receptor:

- 110 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





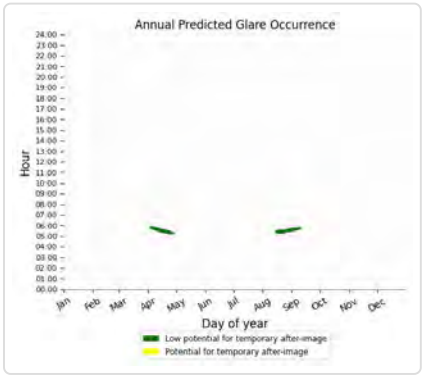


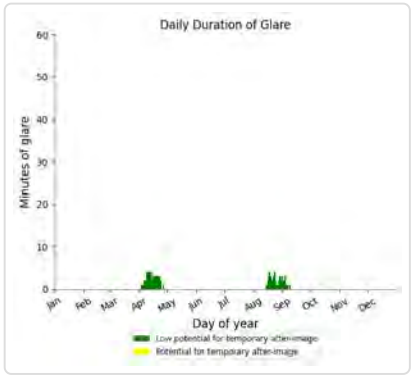


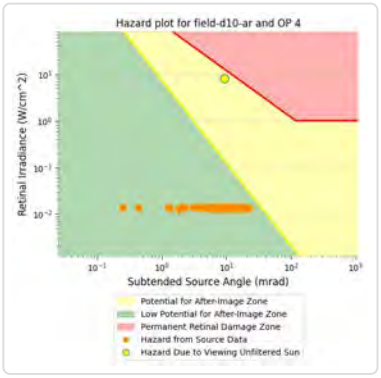
Field D10 Array: OP 4

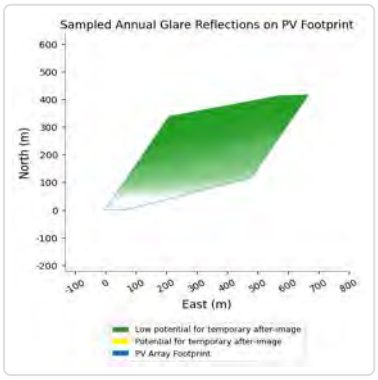
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





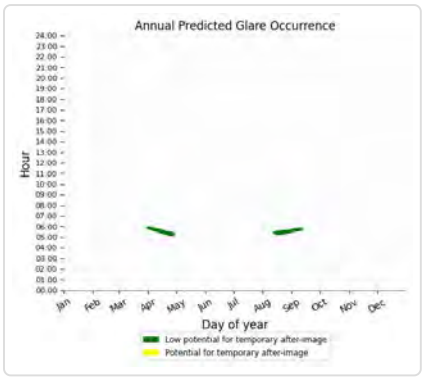


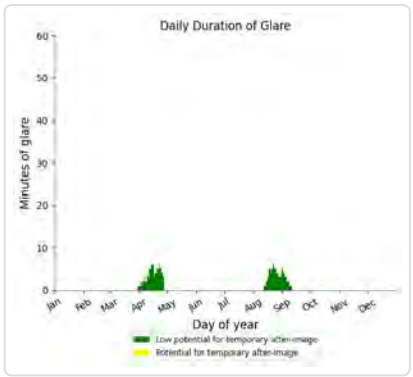


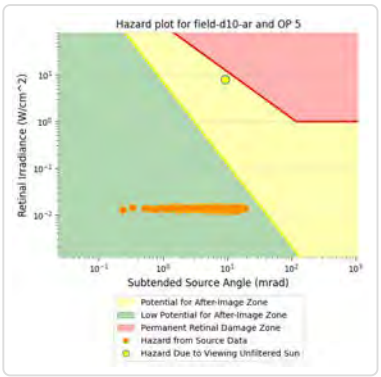
Field D10 Array: OP 5

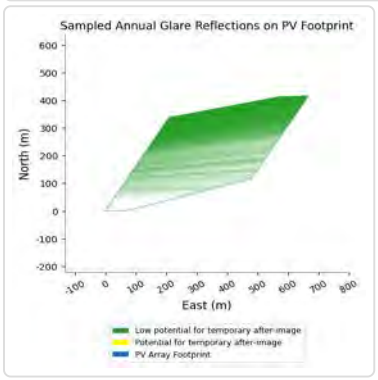
PV array is expected to produce the following glare for this receptor:

- 200 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





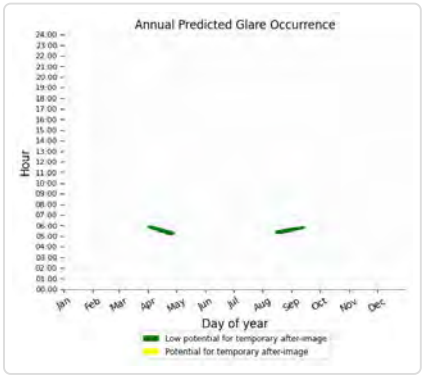


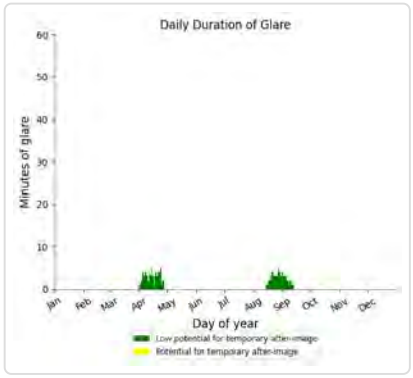


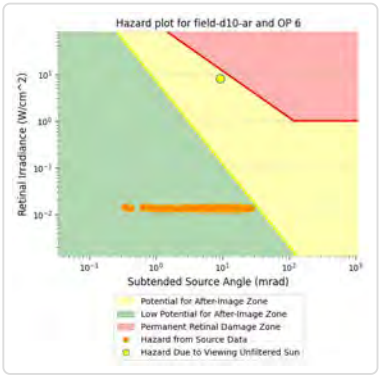
Field D10 Array: OP 6

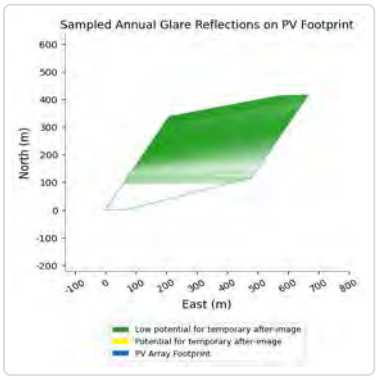
PV array is expected to produce the following glare for this receptor:

- 156 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





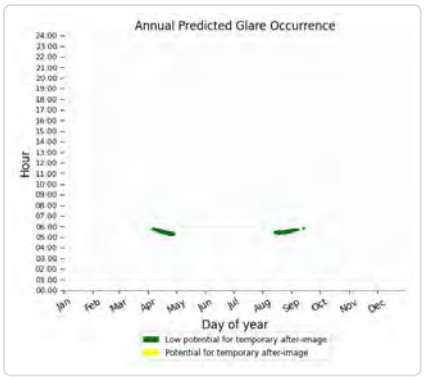


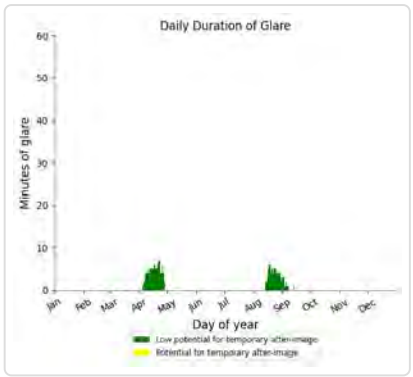


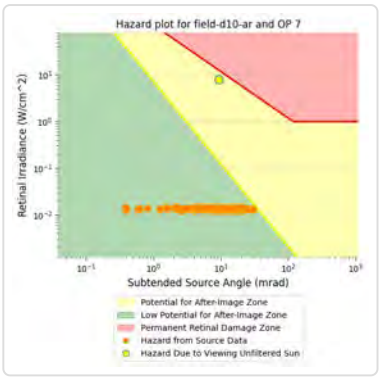
Field D10 Array: OP 7

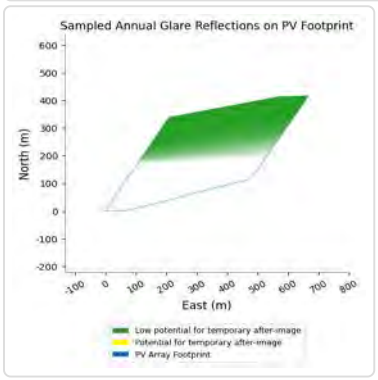
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





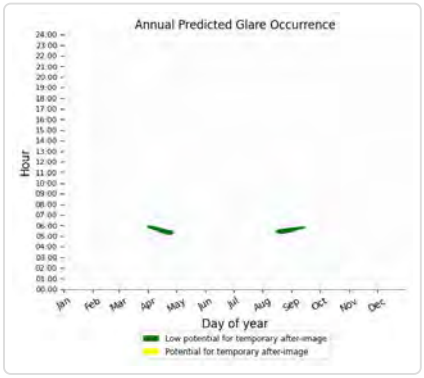


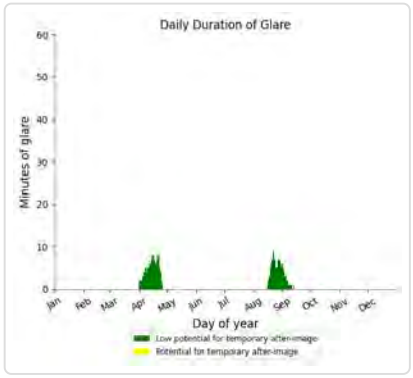


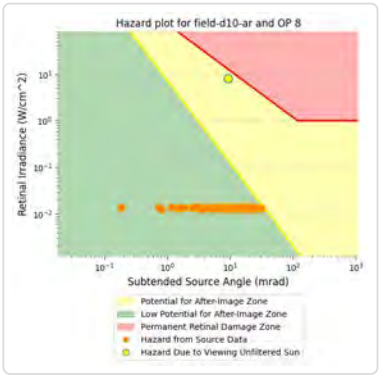
Field D10 Array: OP 8

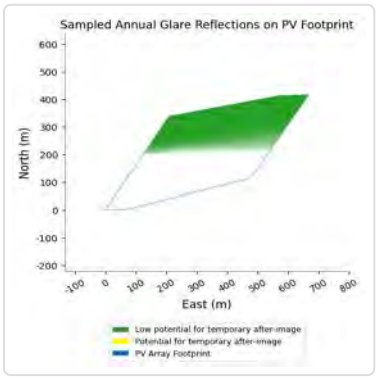
PV array is expected to produce the following glare for this receptor:

- 248 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





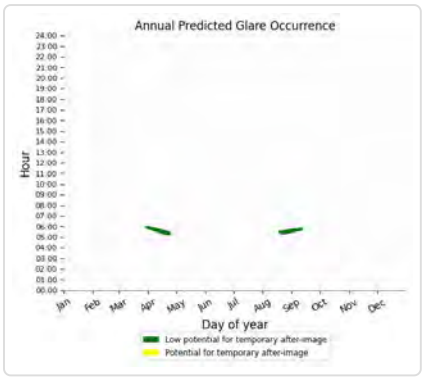




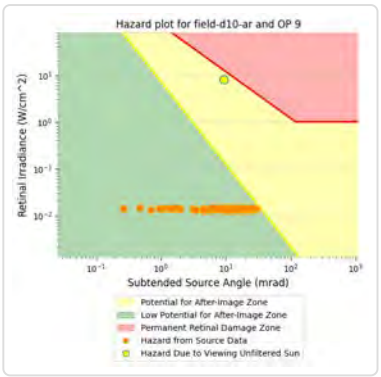
Field D10 Array: OP 9

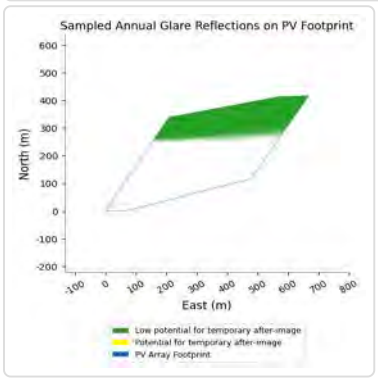
PV array is expected to produce the following glare for this receptor:

- 231 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





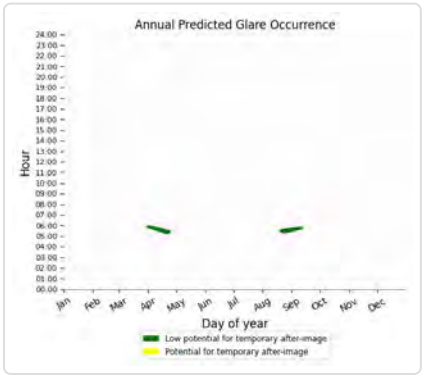


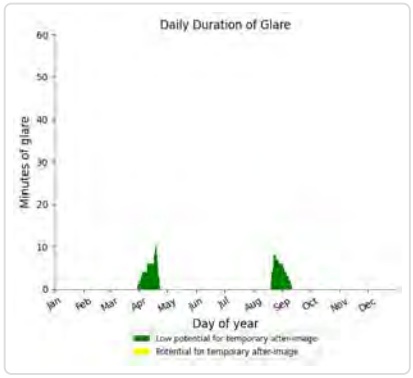


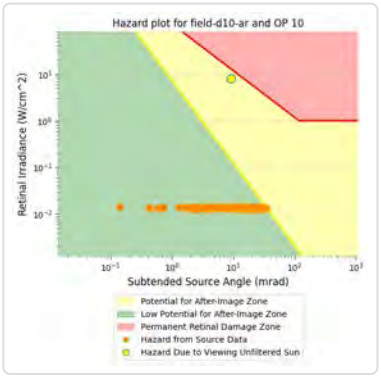
Field D10 Array: OP 10

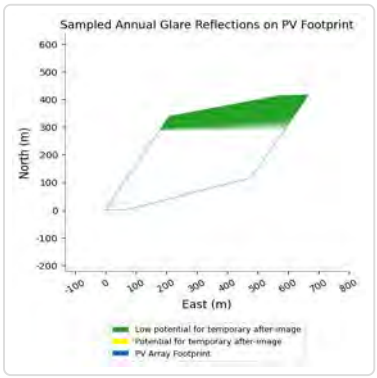
PV array is expected to produce the following glare for this receptor:

- 227 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





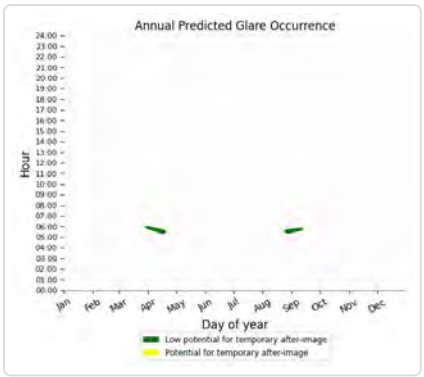




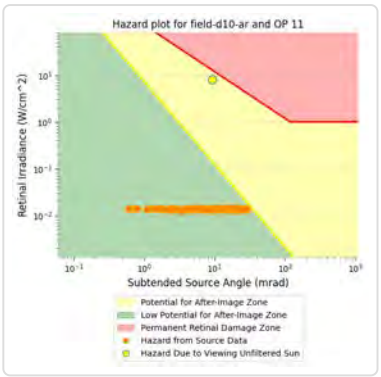
Field D10 Array: OP 11

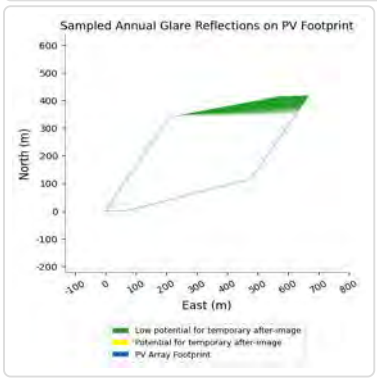
PV array is expected to produce the following glare for this receptor:

- 141 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





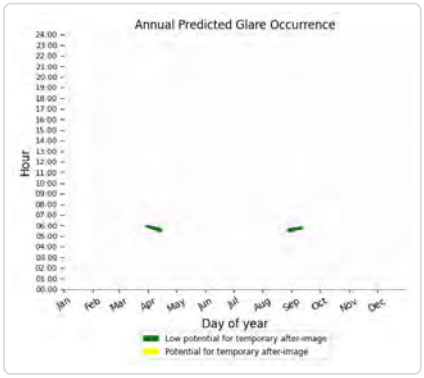


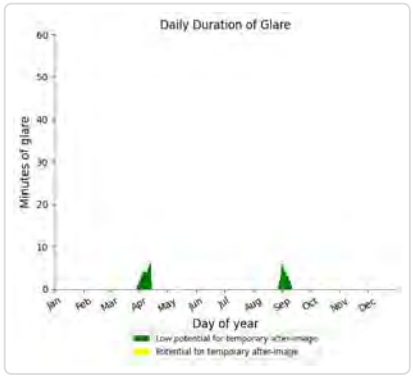


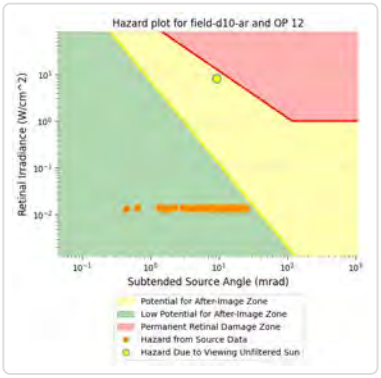
Field D10 Array: OP 12

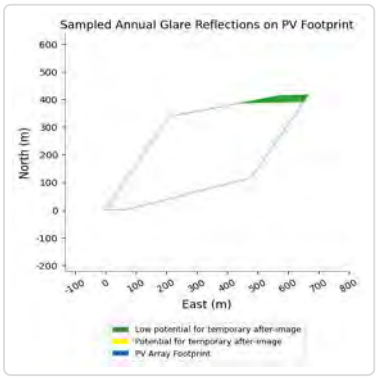
PV array is expected to produce the following glare for this receptor:

- 102 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 13

No glare found

Field D10 Array: OP 14

No glare found

Field D10 Array: OP 15

No glare found

Field D10 Array: OP 16

No glare found

Field D1A-B Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	1107	43
OP: OP 4	1434	231
OP: OP 5	1280	621
OP: OP 6	1209	959
OP: OP 7	1051	1275
OP: OP 8	1853	3142
OP: OP 9	1789	3132
OP: OP 10	2142	2469
OP: OP 11	2213	2384
OP: OP 12	2755	1802

OP: OP 13	1022	1624
OP: OP 14	1458	1016
OP: OP 15	534	0
OP: OP 16	0	0

Field D1A-B Array: OP 1

No glare found

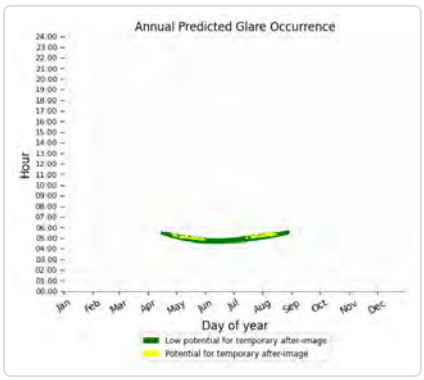
Field D1A-B Array: OP 2

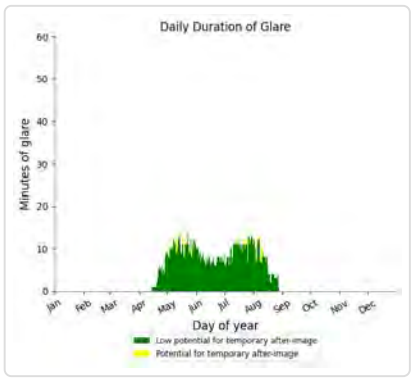
No glare found

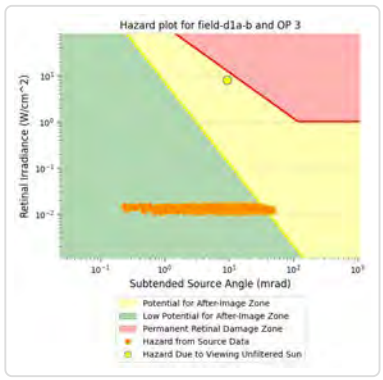
Field D1A-B Array: OP 3

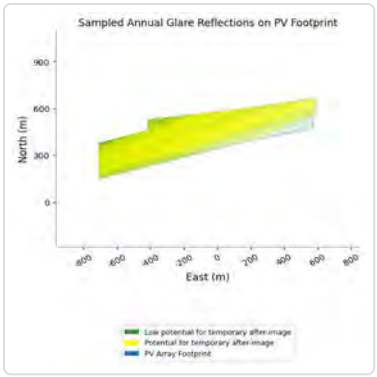
PV array is expected to produce the following glare for this receptor:

- 1,107 minutes of "green" glare with low potential to cause temporary after-image.
- 43 minutes of "yellow" glare with potential to cause temporary after-image.





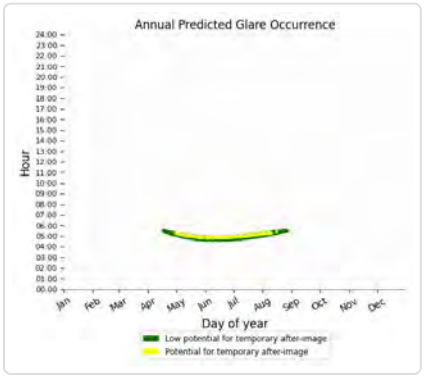


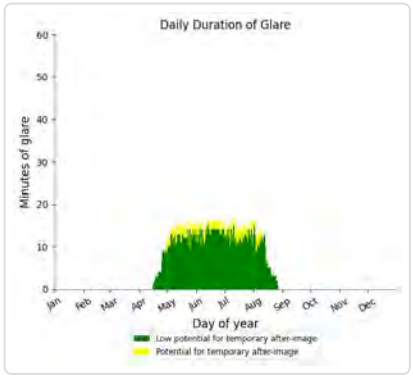


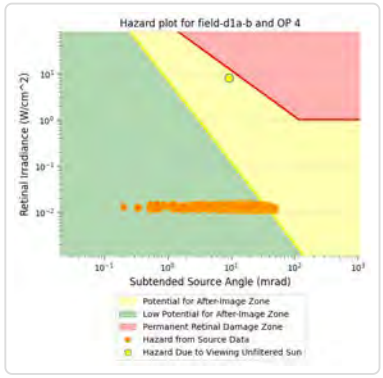
Field D1A-B Array: OP 4

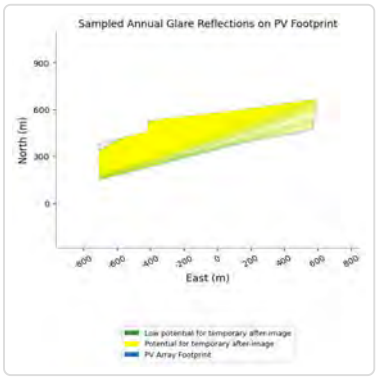
PV array is expected to produce the following glare for this receptor:

- 1,434 minutes of "green" glare with low potential to cause temporary after-image.
- 231 minutes of "yellow" glare with potential to cause temporary after-image.





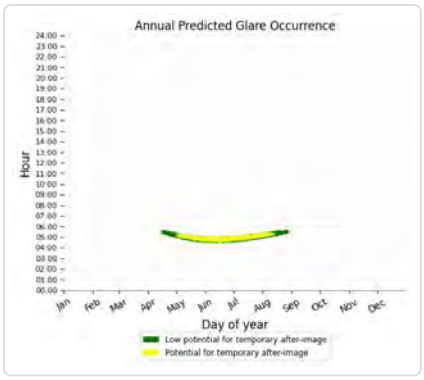


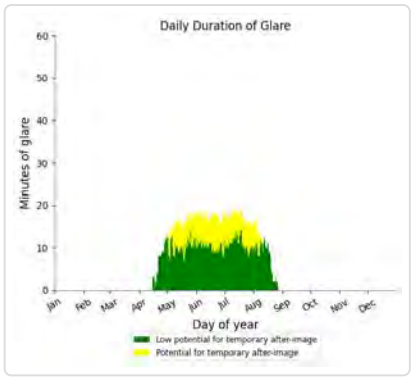


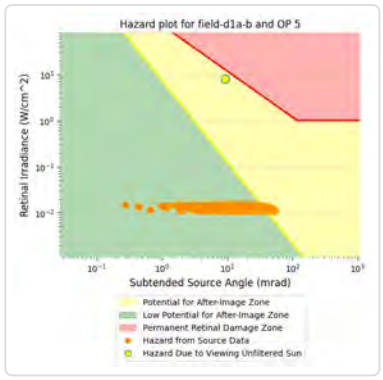
Field D1A-B Array: OP 5

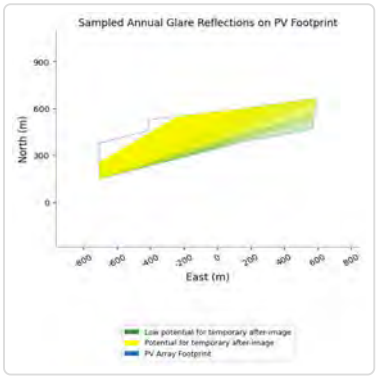
PV array is expected to produce the following glare for this receptor:

- 1,280 minutes of "green" glare with low potential to cause temporary after-image.
- 621 minutes of "yellow" glare with potential to cause temporary after-image.





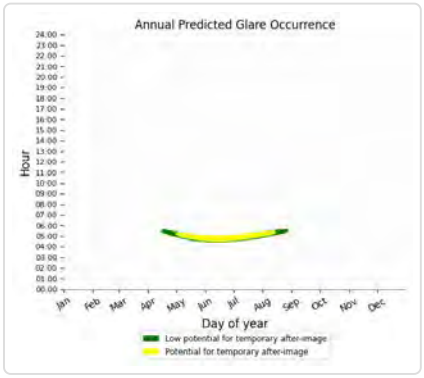


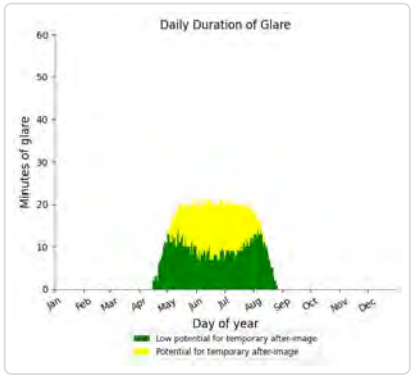


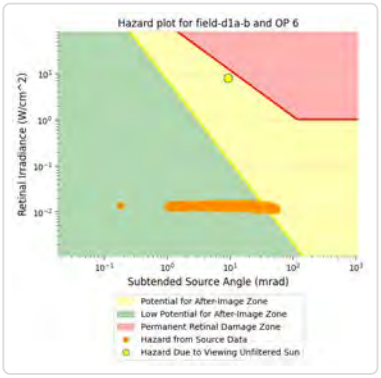
Field D1A-B Array: OP 6

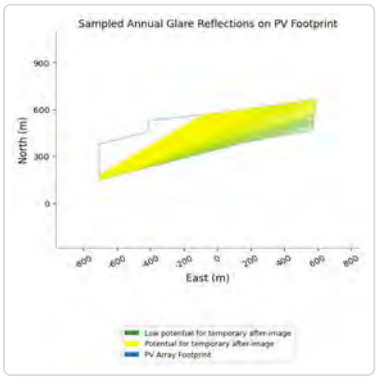
PV array is expected to produce the following glare for this receptor:

- 1,209 minutes of "green" glare with low potential to cause temporary after-image.
- 959 minutes of "yellow" glare with potential to cause temporary after-image.





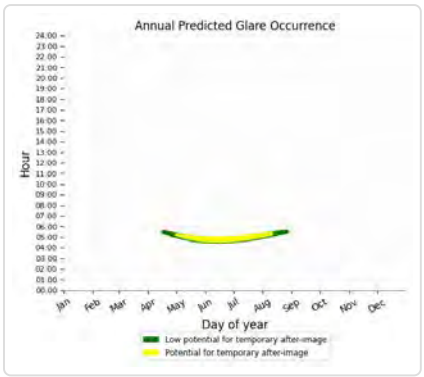


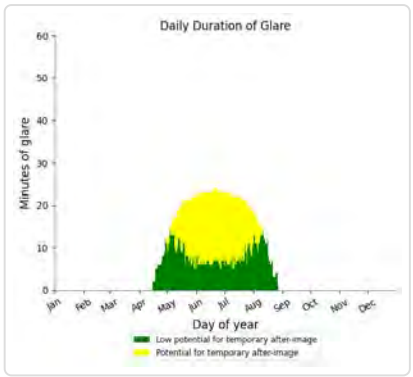


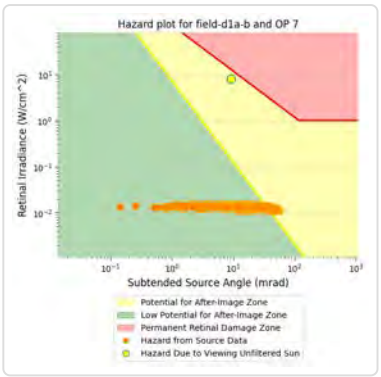
Field D1A-B Array: OP 7

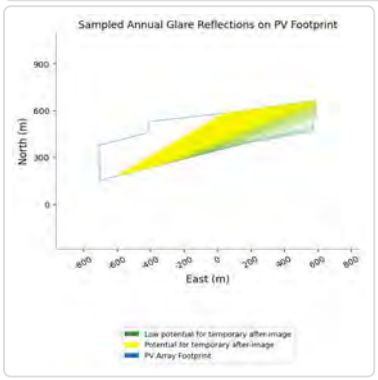
PV array is expected to produce the following glare for this receptor:

- 1,051 minutes of "green" glare with low potential to cause temporary after-image.
- 1,275 minutes of "yellow" glare with potential to cause temporary after-image.





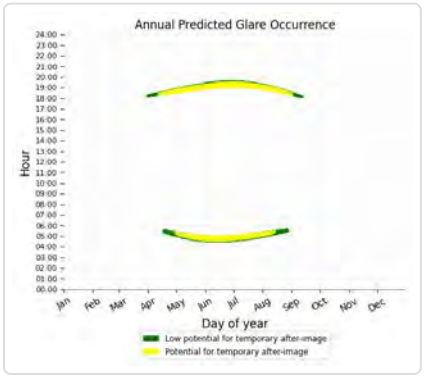


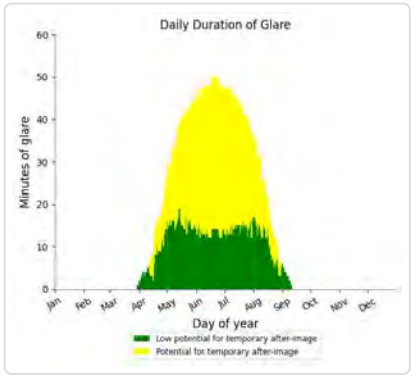


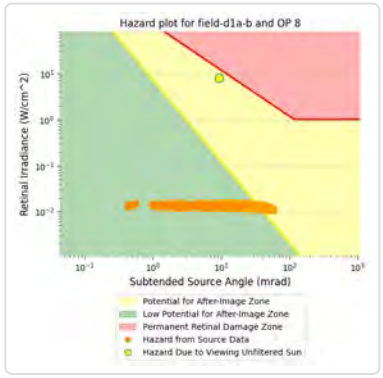
Field D1A-B Array: OP 8

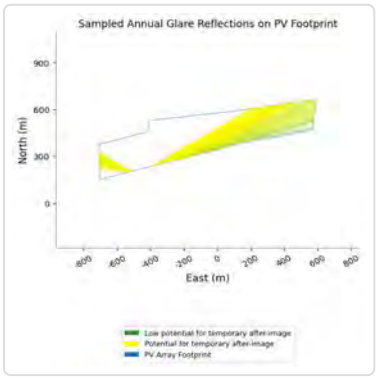
PV array is expected to produce the following glare for this receptor:

- 1,853 minutes of "green" glare with low potential to cause temporary after-image.
- 3,142 minutes of "yellow" glare with potential to cause temporary after-image.





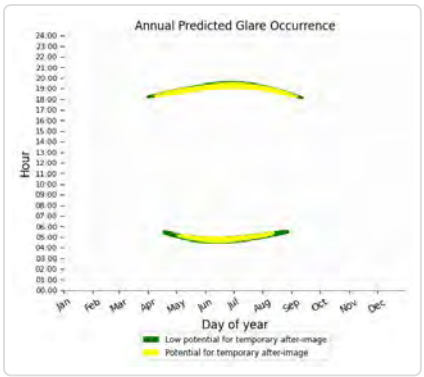


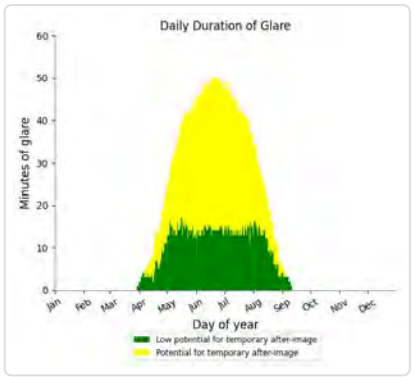


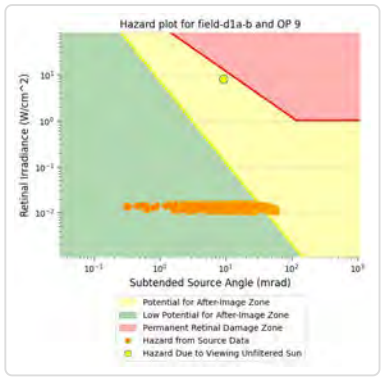
Field D1A-B Array: OP 9

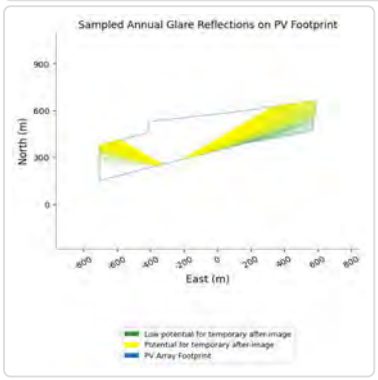
PV array is expected to produce the following glare for this receptor:

- 1,789 minutes of "green" glare with low potential to cause temporary after-image.
- 3,132 minutes of "yellow" glare with potential to cause temporary after-image.





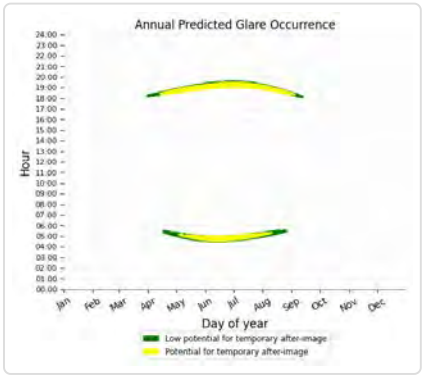


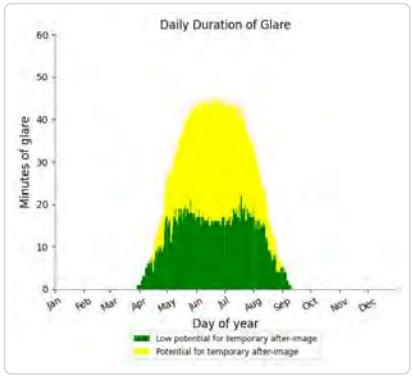


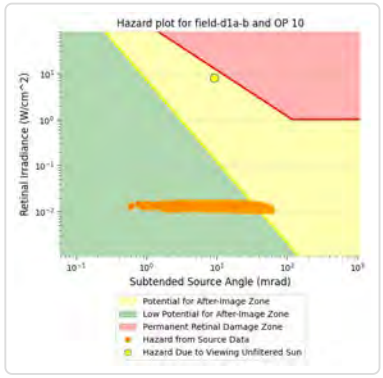
Field D1A-B Array: OP 10

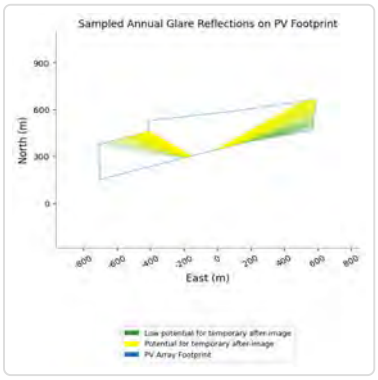
PV array is expected to produce the following glare for this receptor:

- 2,142 minutes of "green" glare with low potential to cause temporary after-image.
- 2,469 minutes of "yellow" glare with potential to cause temporary after-image.





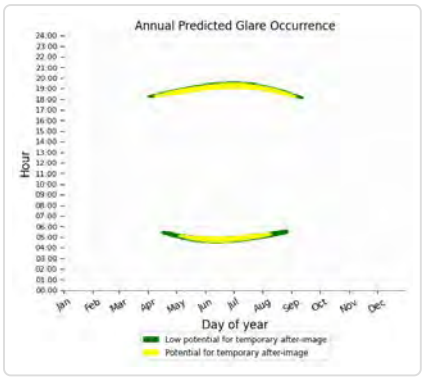


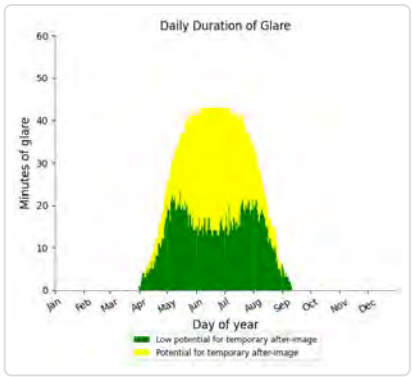


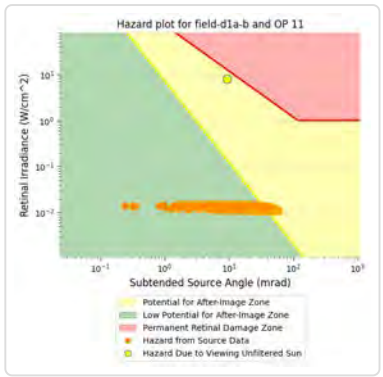
Field D1A-B Array: OP 11

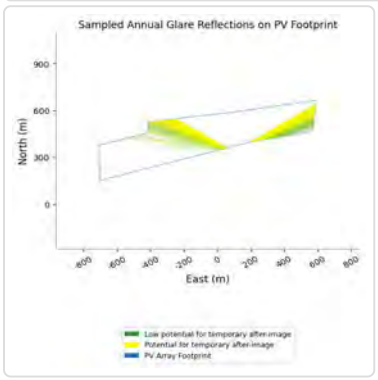
PV array is expected to produce the following glare for this receptor:

- 2,213 minutes of "green" glare with low potential to cause temporary after-image.
- 2,384 minutes of "yellow" glare with potential to cause temporary after-image.





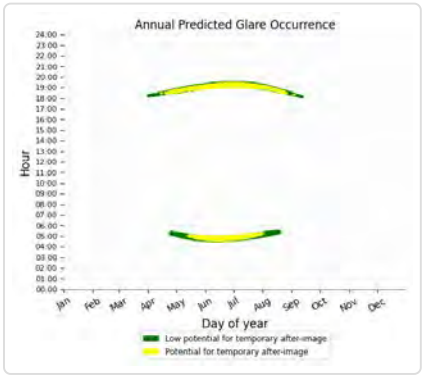


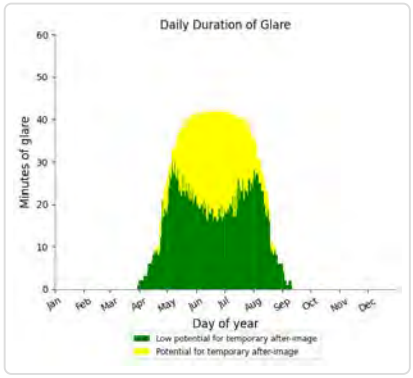


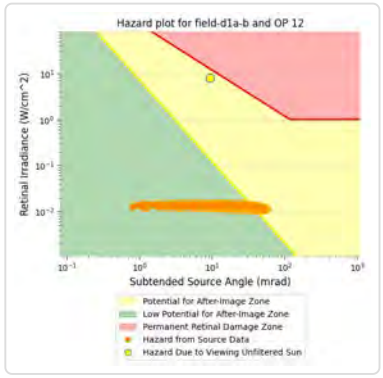
Field D1A-B Array: OP 12

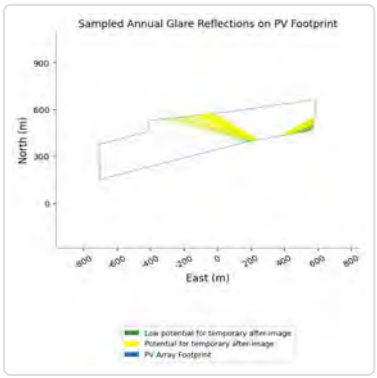
PV array is expected to produce the following glare for this receptor:

- 2,755 minutes of "green" glare with low potential to cause temporary after-image.
- 1,802 minutes of "yellow" glare with potential to cause temporary after-image.





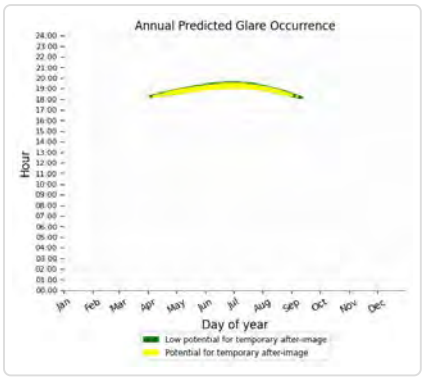


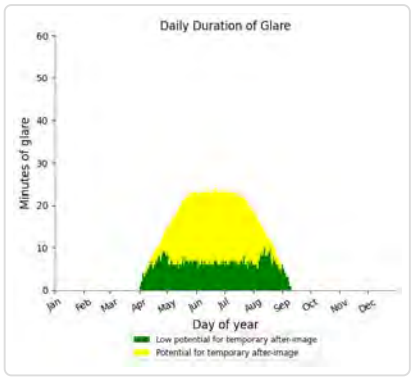


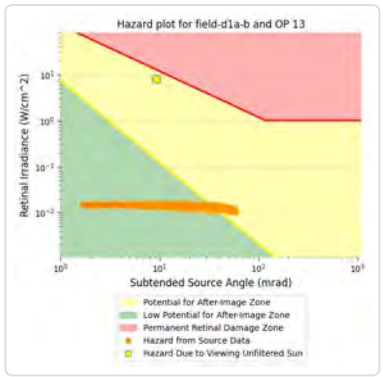
Field D1A-B Array: OP 13

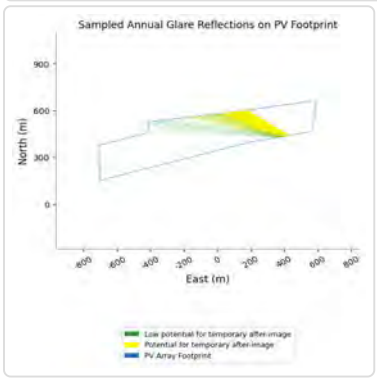
PV array is expected to produce the following glare for this receptor:

- 1,022 minutes of "green" glare with low potential to cause temporary after-image.
- 1,624 minutes of "yellow" glare with potential to cause temporary after-image.





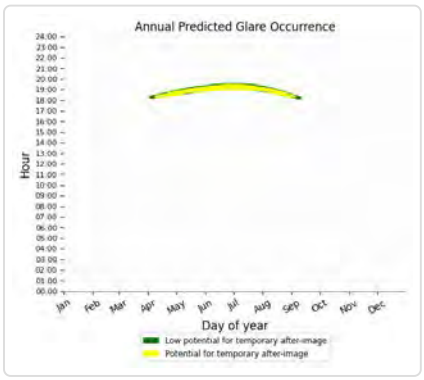


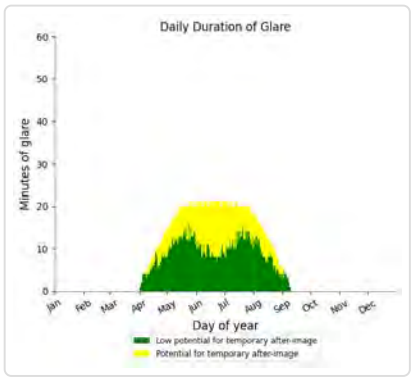


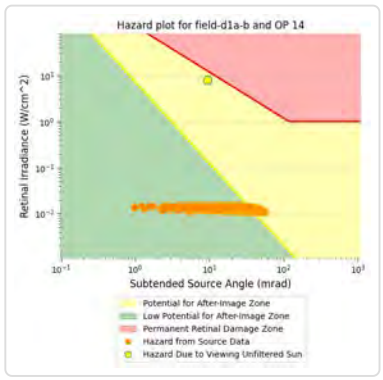
Field D1A-B Array: OP 14

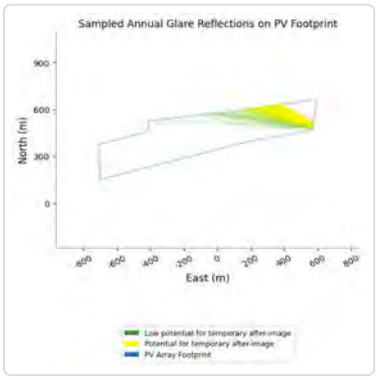
PV array is expected to produce the following glare for this receptor:

- 1,458 minutes of "green" glare with low potential to cause temporary after-image.
- 1,016 minutes of "yellow" glare with potential to cause temporary after-image.





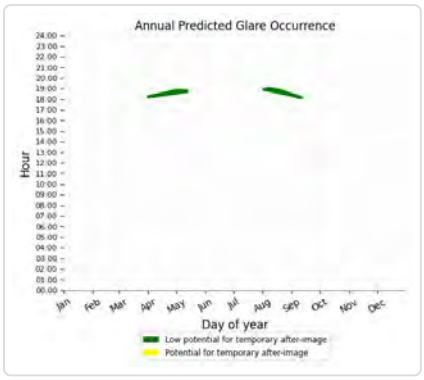


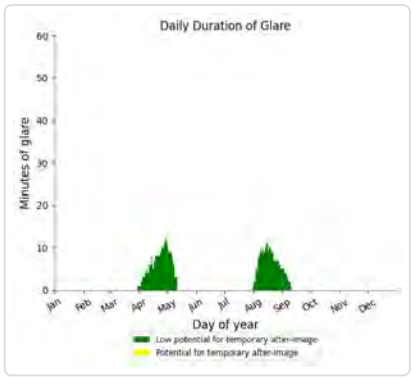


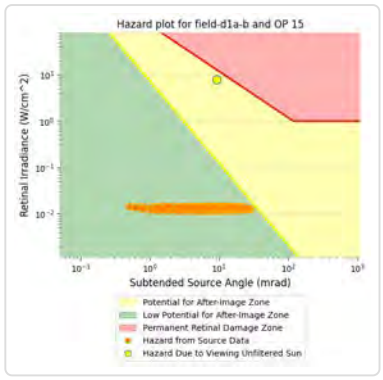
Field D1A-B Array: OP 15

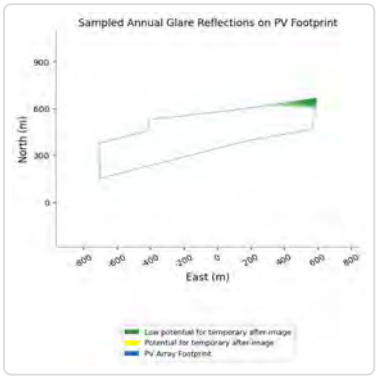
PV array is expected to produce the following glare for this receptor:

- 534 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 16

No glare found

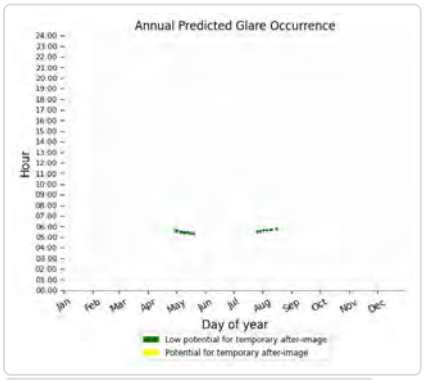
Field D1C Array potential temporary after-image

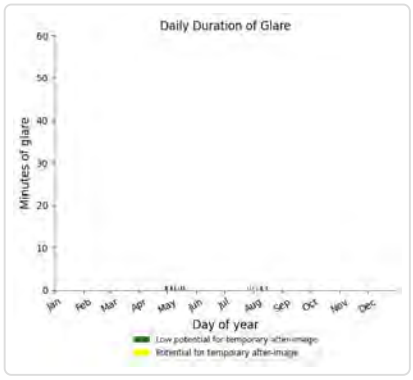
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	17	0
OP: OP 2	19	0
OP: OP 3	0	0
OP: OP 4	22	0
OP: OP 5	18	0
OP: OP 6	15	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	18	0
OP: OP 12	1214	38
OP: OP 13	471	0
OP: OP 14	0	0
OP: OP 15	660	2189
OP: OP 16	1050	1624

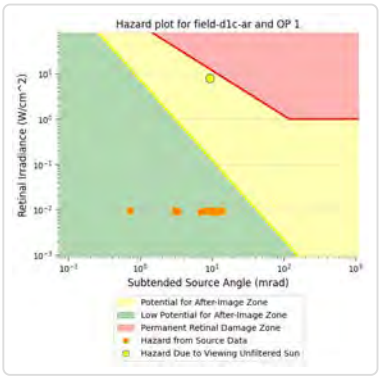
Field D1C Array: OP 1

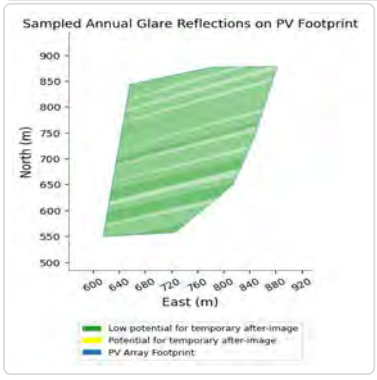
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





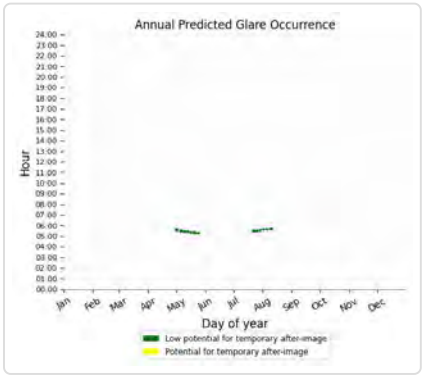


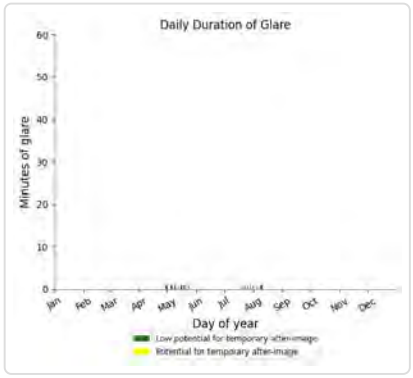


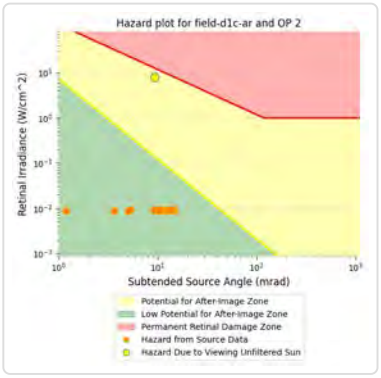
Field D1C Array: OP 2

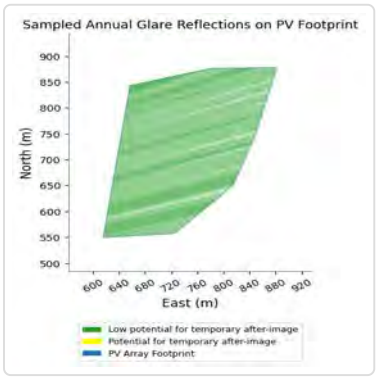
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









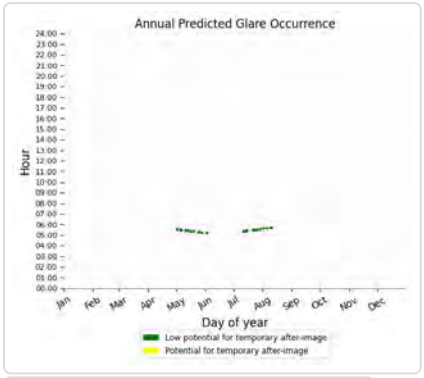
Field D1C Array: OP 3

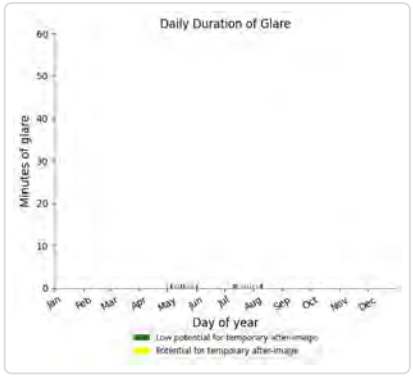
No glare found

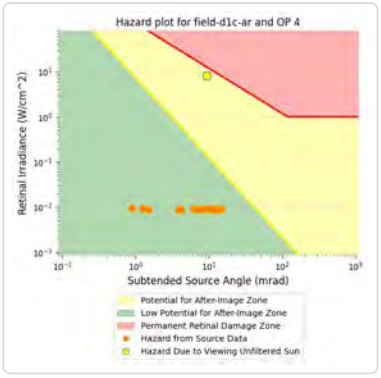
Field D1C Array: OP 4

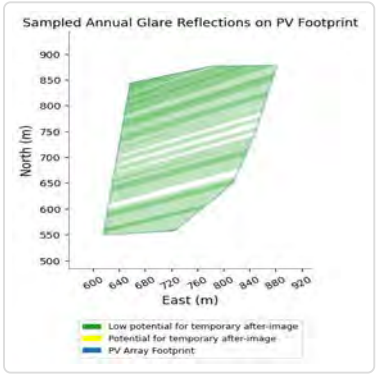
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





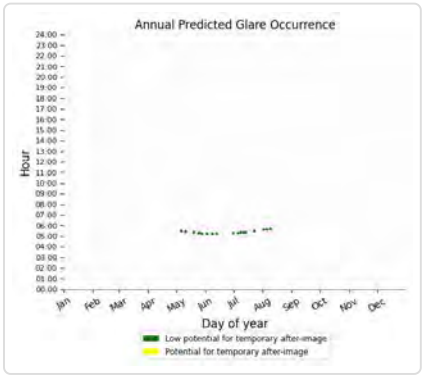


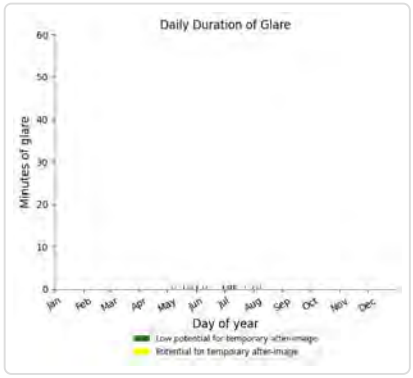


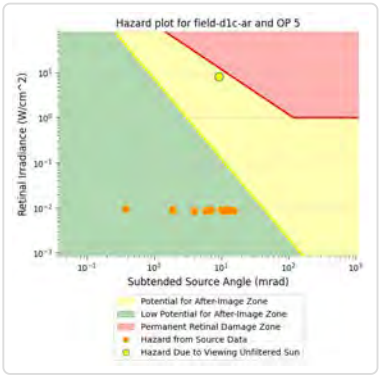
Field D1C Array: OP 5

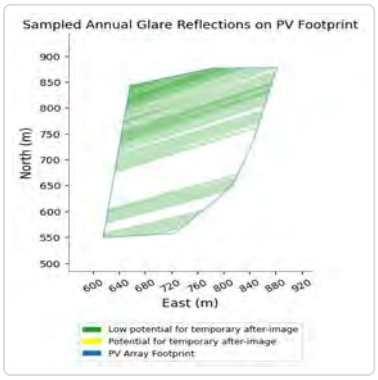
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





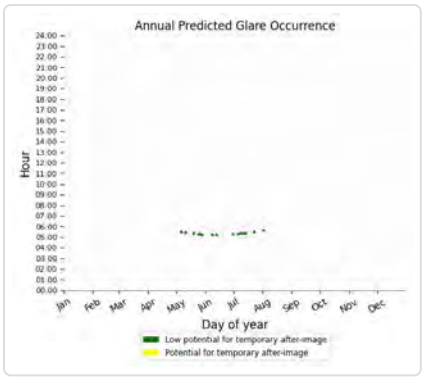


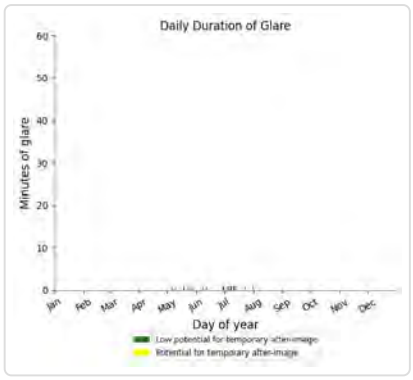


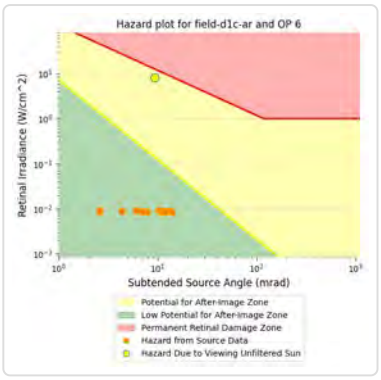
Field D1C Array: OP 6

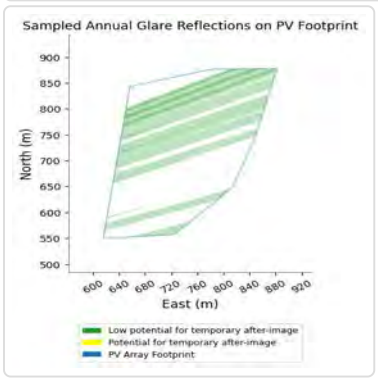
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 7

No glare found

Field D1C Array: OP 8

No glare found

Field D1C Array: OP 9

No glare found

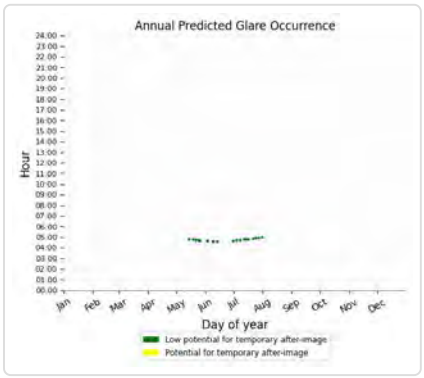
Field D1C Array: OP 10

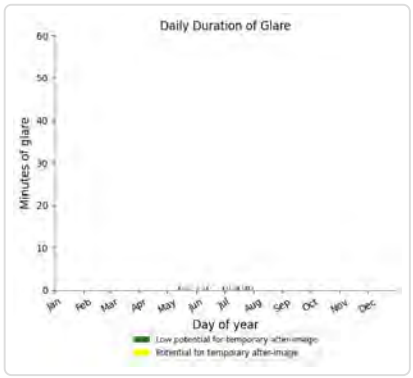
No glare found

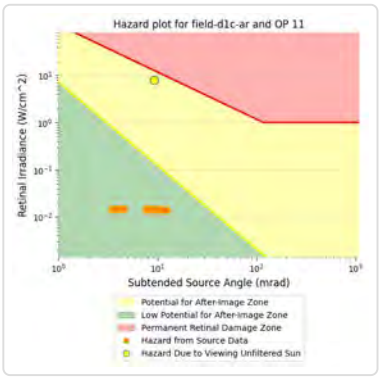
Field D1C Array: OP 11

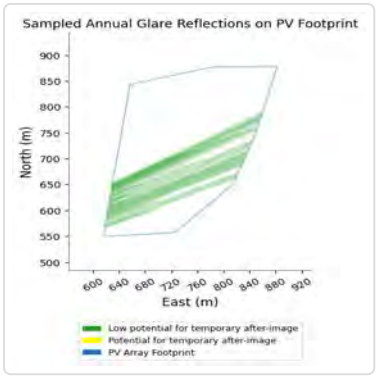
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





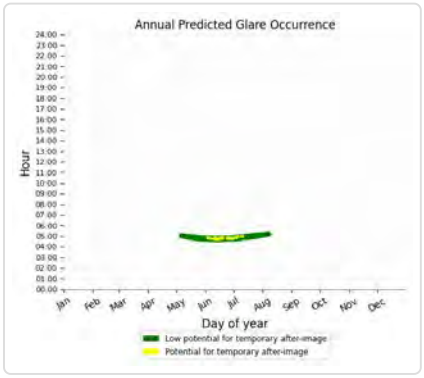


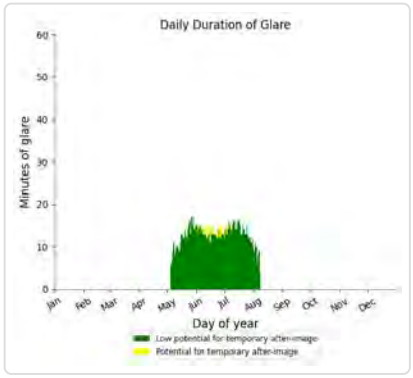


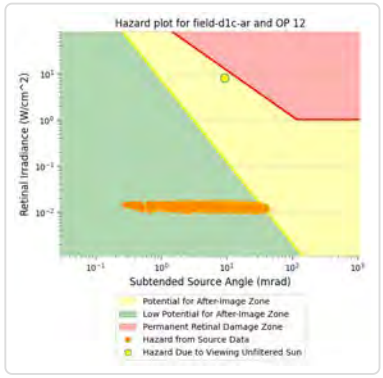
Field D1C Array: OP 12

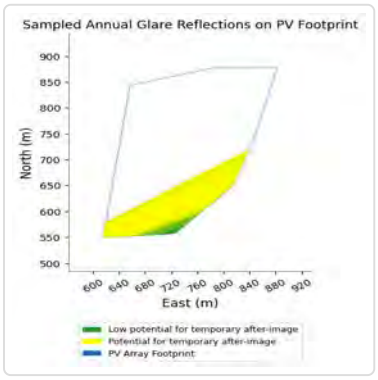
PV array is expected to produce the following glare for this receptor:

- 1,214 minutes of "green" glare with low potential to cause temporary after-image.
- 38 minutes of "yellow" glare with potential to cause temporary after-image.





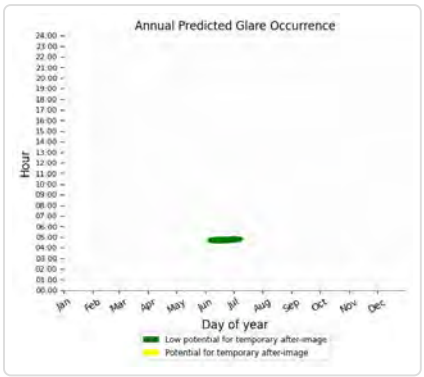




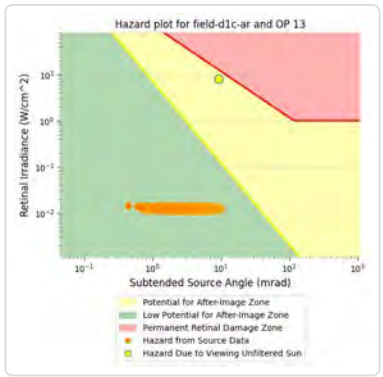
Field D1C Array: OP 13

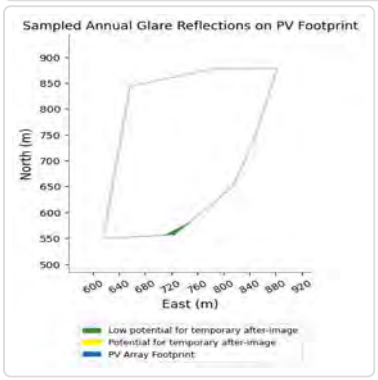
PV array is expected to produce the following glare for this receptor:

- 471 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









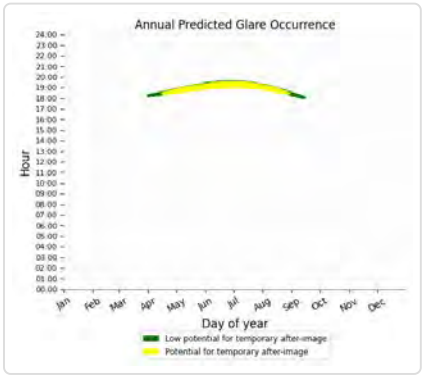
Field D1C Array: OP 14

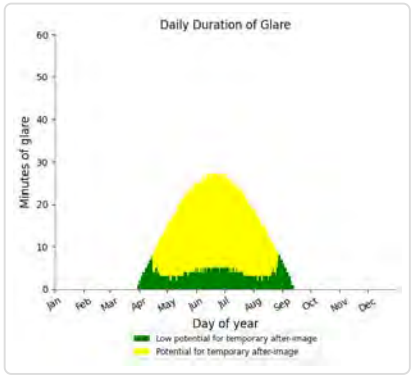
No glare found

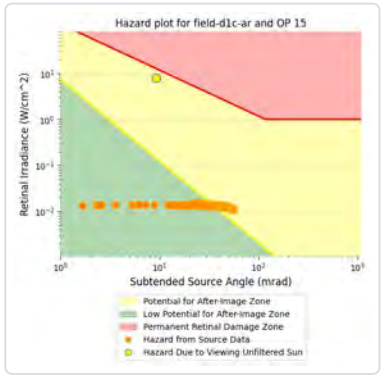
Field D1C Array: OP 15

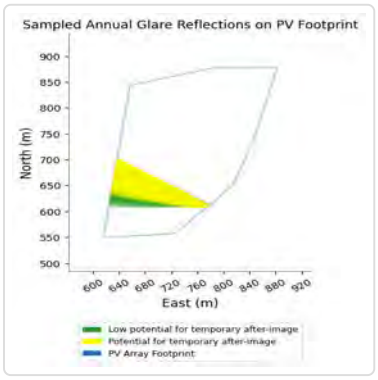
PV array is expected to produce the following glare for this receptor:

- 660 minutes of "green" glare with low potential to cause temporary after-image.
- 2,189 minutes of "yellow" glare with potential to cause temporary after-image.





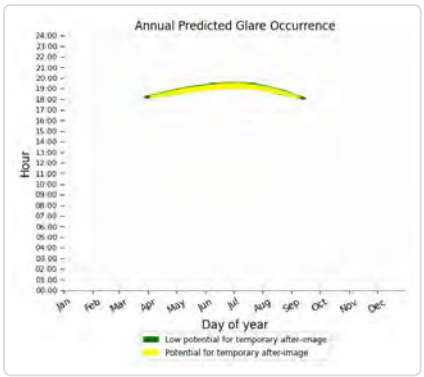


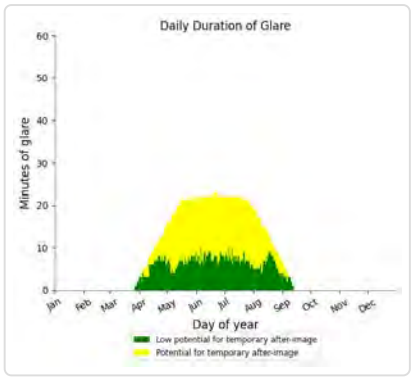


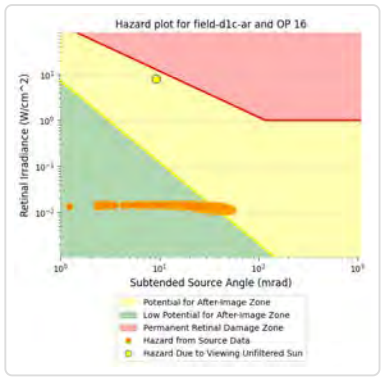
Field D1C Array: OP 16

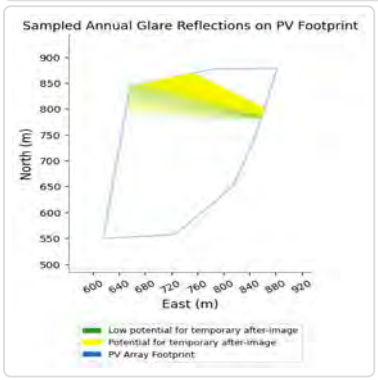
PV array is expected to produce the following glare for this receptor:

- 1,050 minutes of "green" glare with low potential to cause temporary after-image.
- 1,624 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D3 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D5 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D6 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D7 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D8 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D9 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Annex K: Bridleway Receptor Glare Results East 25 Degrees

ForgeSolar

Meridian Solar Farm East

Meridian East Bridleway 25 Degrees

Created Jun 19, 2025
Updated Sep 12, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 152400.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	25.0	180.0	5,208	357	-
Field D1A-B Array	25.0	180.0	13,903	20,125	-
Field D1C Array	25.0	180.0	2,359	5,258	-
Field D2 Array	25.0	180.0	78	0	-
Field D3 Array	25.0	180.0	0	0	-
Field D5 Array	25.0	180.0	0	0	-
Field D6 Array	25.0	180.0	0	0	-
Field D7 Array	25.0	180.0	0	0	-
Field D8 Array	25.0	180.0	0	0	-
Field D9 Array	25.0	180.0	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 2,349,415 m^2

Name: Field D10 Array
Footprint area: 136,921 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726260	0.005110	1.64	4.30	5.94
2	52.726280	0.006190	1.44	4.30	5.74
3	52.727290	0.012200	0.92	4.30	5.22
4	52.729990	0.014980	1.57	4.30	5.87
5	52.729970	0.013600	1.82	4.30	6.12
6	52.729290	0.008210	1.31	4.30	5.61

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,701 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734150	0.018170	1.76	4.30	6.06
7	52.734140	0.016690	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 417,808 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721760	0.006720	2.04	4.30	6.34
5	52.721760	0.005890	1.47	4.30	5.77
6	52.722100	0.005820	1.64	4.30	5.94
7	52.722300	0.007260	2.17	4.30	6.47
8	52.723460	0.008450	2.13	4.30	6.43
9	52.723520	0.007330	1.58	4.30	5.88
10	52.723970	0.007610	1.68	4.30	5.98
11	52.724640	0.009600	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724970	0.003600	1.82	4.30	6.12
18	52.724490	0.004010	1.22	4.30	5.52
19	52.722900	0.002300	1.46	4.30	5.76
20	52.722760	0.001580	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 812,141 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708690	-0.019660	1.33	4.30	5.63
2	52.708320	-0.017290	1.31	4.30	5.61
3	52.707810	-0.017190	0.84	4.30	5.14
4	52.707810	-0.016140	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.21
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004800	1.86	4.30	6.17
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.89	4.30	6.18
17	52.720130	-0.003470	2.02	4.30	6.31
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.48	4.30	5.78
20	52.722490	0.000690	1.20	4.30	5.50
21	52.722440	-0.000180	1.29	4.30	5.59
22	52.722960	0.000420	1.30	4.30	5.60
23	52.723330	-0.001430	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 268,446 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702730	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700070	-0.021060	1.99	4.30	6.29
8	52.699610	-0.020660	2.06	4.30	6.36
9	52.698980	-0.020530	2.35	4.30	6.64
10	52.698900	-0.022040	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,077 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700890	-0.022750	2.61	4.30	6.91
2	52.702250	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698740	-0.024700	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,242 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702110	-0.017910	2.45	4.30	6.75
2	52.702800	-0.018300	1.02	4.30	5.32
3	52.703320	-0.017780	0.77	4.30	5.07
4	52.703210	-0.017260	0.95	4.30	5.25
5	52.703300	-0.016590	1.08	4.30	5.38
6	52.704210	-0.010990	2.29	4.30	6.58
7	52.702970	-0.012210	2.23	4.30	6.54

Name: Field D8 Array
Footprint area: 93,322 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

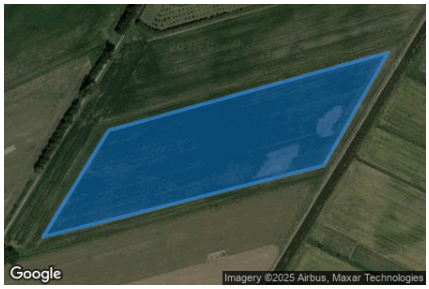
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703150	-0.024330	1.81	4.30	6.11
2	52.703160	-0.023580	1.61	4.30	5.91
3	52.705330	-0.016540	2.05	4.30	6.35
4	52.707010	-0.014740	1.57	4.30	5.87
5	52.706940	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60



Name: Field D9 Array
Footprint area: 61,899 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709230	-0.011260	1.62	4.30	5.92
2	52.710710	-0.009760	1.07	4.30	5.38
3	52.711790	-0.003360	1.62	4.30	5.92
4	52.710220	-0.004840	1.86	4.30	6.16



Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	52.725127	-0.022459	2.29	2.75	5.04
OP 2	52.725413	-0.019519	2.23	2.75	4.98
OP 3	52.725731	-0.016558	2.23	2.75	4.98
OP 4	52.726102	-0.013586	2.01	2.75	4.76
OP 5	52.726387	-0.010893	1.95	2.75	4.70
OP 6	52.726888	-0.007792	1.87	2.75	4.62
OP 7	52.727304	-0.005207	1.62	2.75	4.37
OP 8	52.727875	-0.001956	1.99	2.75	4.74
OP 9	52.728337	0.000780	1.81	2.75	4.56
OP 10	52.728726	0.003451	2.35	2.75	5.10
OP 11	52.729259	0.006552	2.44	2.75	5.19
OP 12	52.729617	0.009492	2.41	2.75	5.16
OP 13	52.729935	0.012228	2.11	2.75	4.86
OP 14	52.730338	0.015039	2.02	2.75	4.77
OP 15	52.731592	0.017056	1.66	2.75	4.41
OP 16	52.733229	0.018472	3.27	2.75	6.02

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	25.0	180.0	5,208	357	-	-
Field D1A-B Array	25.0	180.0	13,903	20,125	-	-
Field D1C Array	25.0	180.0	2,359	5,258	-	-
Field D2 Array	25.0	180.0	78	0	-	-
Field D3 Array	25.0	180.0	0	0	-	-
Field D5 Array	25.0	180.0	0	0	-	-
Field D6 Array	25.0	180.0	0	0	-	-
Field D7 Array	25.0	180.0	0	0	-	-
Field D8 Array	25.0	180.0	0	0	-	-
Field D9 Array	25.0	180.0	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d10-ar (green)	0	0	16	327	76	0	0	337	76	0	0	0
field-d10-ar (yellow)	0	0	0	5	0	0	0	4	6	0	0	0
field-d1a-b (green)	0	0	16	302	514	323	418	485	72	0	0	0
field-d1a-b (yellow)	0	0	0	38	203	582	387	62	7	0	0	0
field-d1c-ar (green)	0	0	17	114	313	536	416	179	48	0	0	0
field-d1c-ar (yellow)	0	0	1	276	638	685	702	435	51	0	0	0
field-d2-arr (green)	0	0	2	28	0	0	0	0	28	0	0	0
field-d2-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	404	0
OP: OP 4	493	0
OP: OP 5	545	0
OP: OP 6	537	5
OP: OP 7	611	14
OP: OP 8	617	53
OP: OP 9	619	84
OP: OP 10	551	106
OP: OP 11	424	79
OP: OP 12	381	16
OP: OP 13	26	0

OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

Field D10 Array: OP 1

No glare found

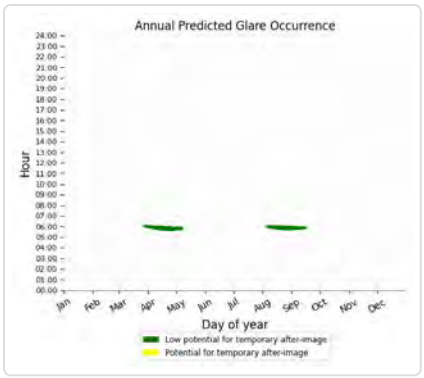
Field D10 Array: OP 2

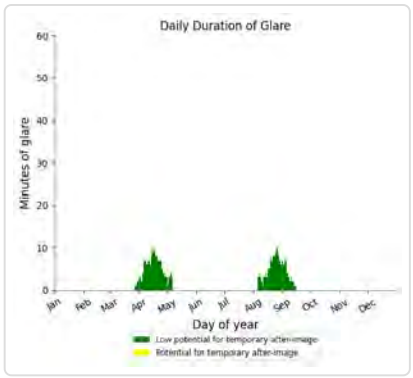
No glare found

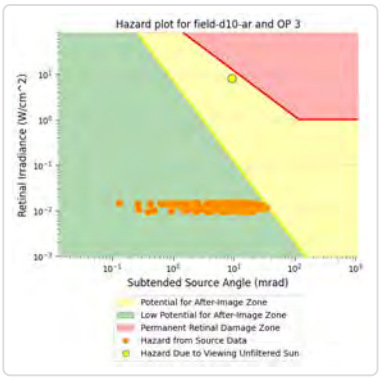
Field D10 Array: OP 3

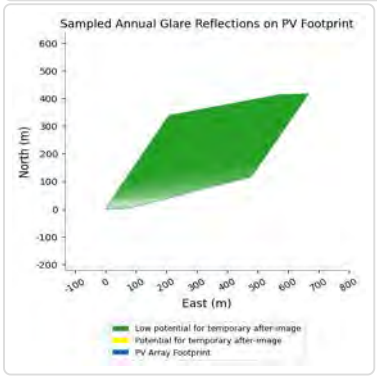
PV array is expected to produce the following glare for this receptor:

- 404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





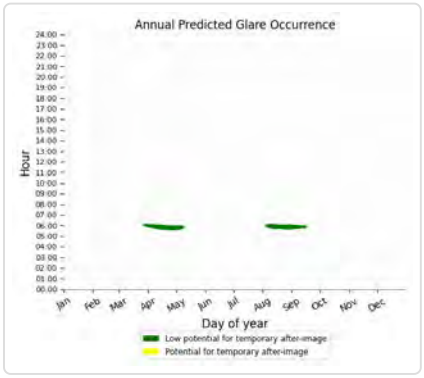


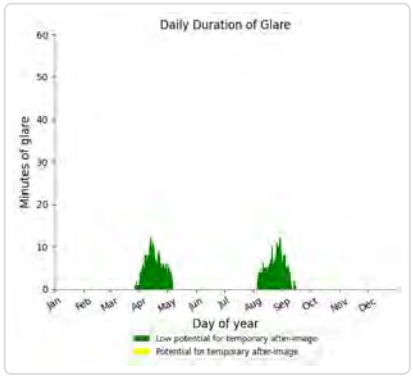


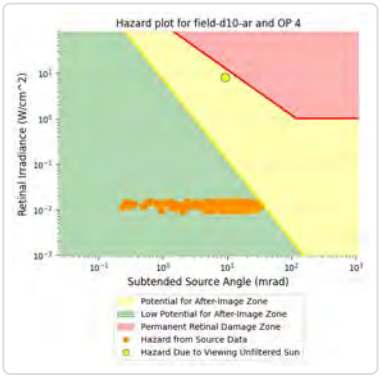
Field D10 Array: OP 4

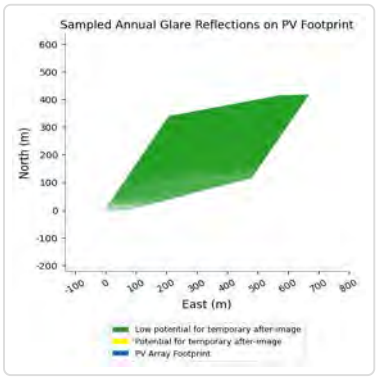
PV array is expected to produce the following glare for this receptor:

- 493 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





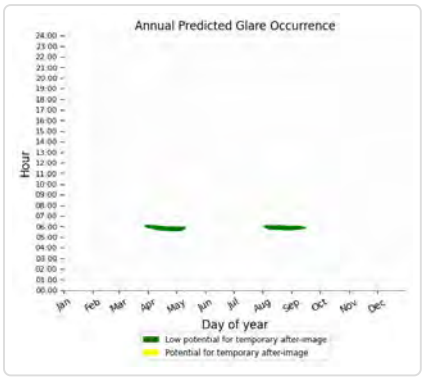


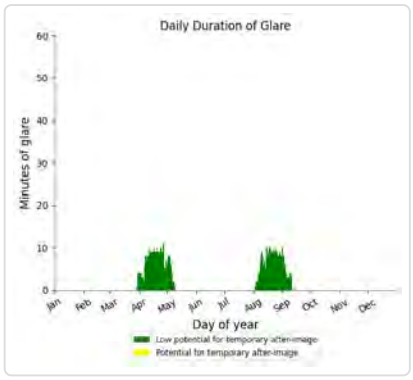


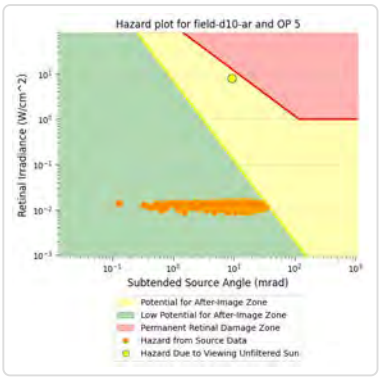
Field D10 Array: OP 5

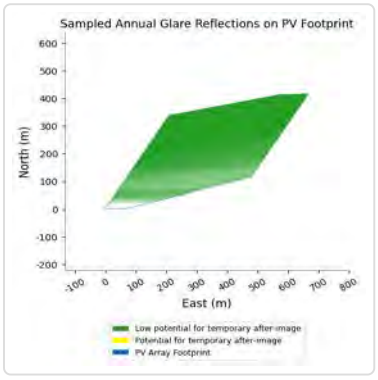
PV array is expected to produce the following glare for this receptor:

- 545 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





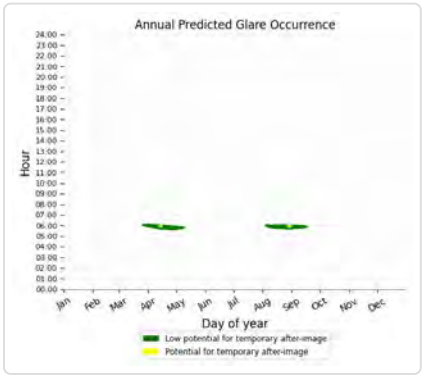


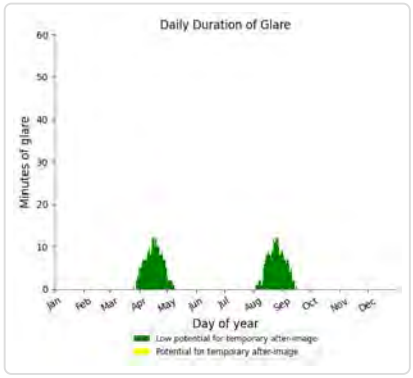


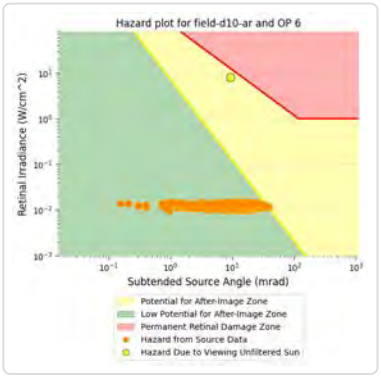
Field D10 Array: OP 6

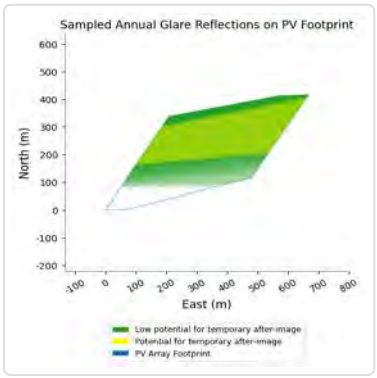
PV array is expected to produce the following glare for this receptor:

- 537 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.





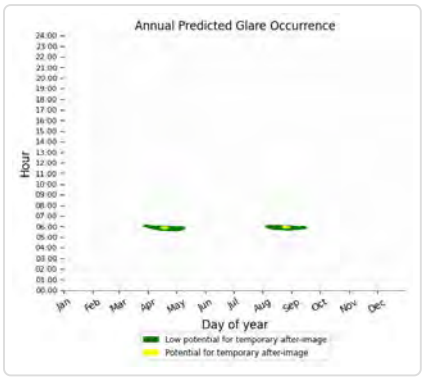


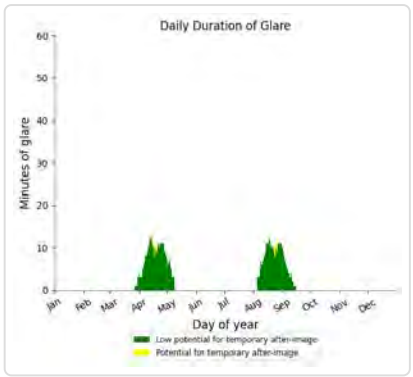


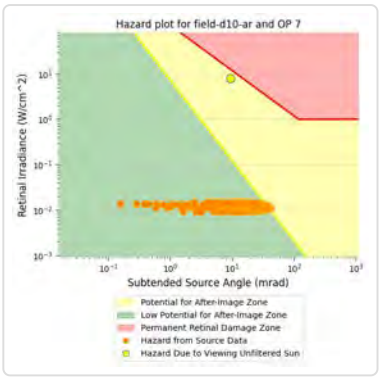
Field D10 Array: OP 7

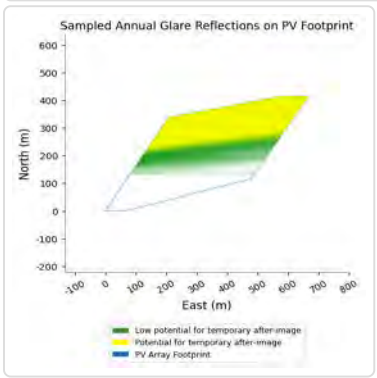
PV array is expected to produce the following glare for this receptor:

- 611 minutes of "green" glare with low potential to cause temporary after-image.
- 14 minutes of "yellow" glare with potential to cause temporary after-image.





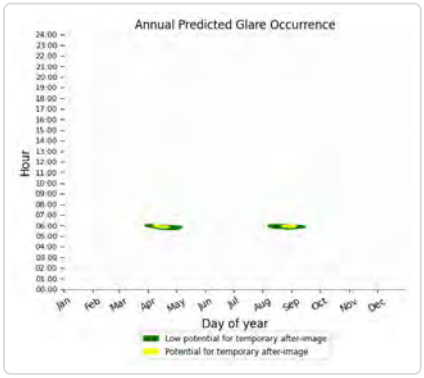


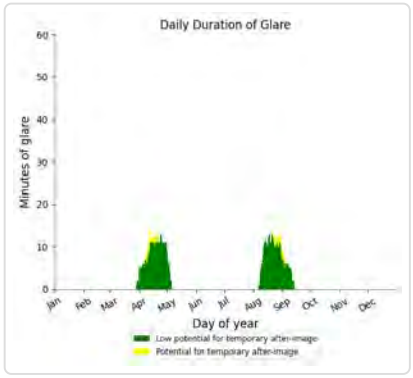


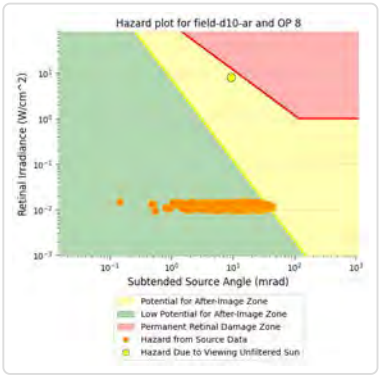
Field D10 Array: OP 8

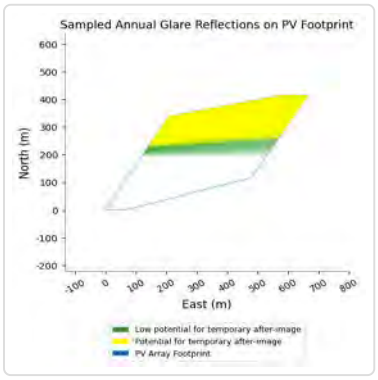
PV array is expected to produce the following glare for this receptor:

- 617 minutes of "green" glare with low potential to cause temporary after-image.
- 53 minutes of "yellow" glare with potential to cause temporary after-image.





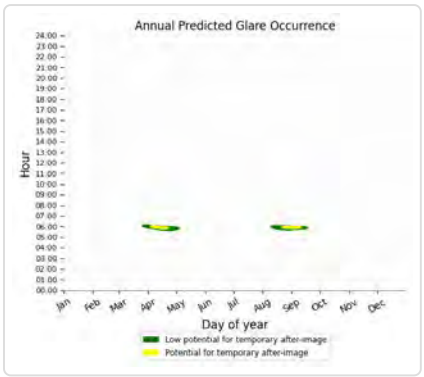


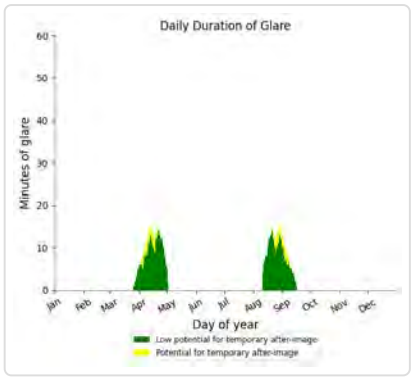


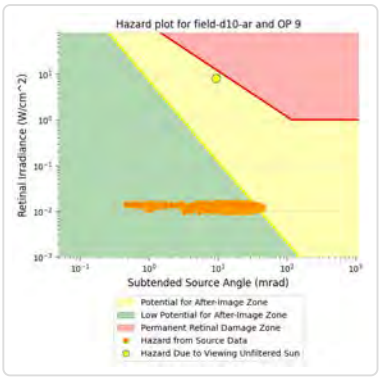
Field D10 Array: OP 9

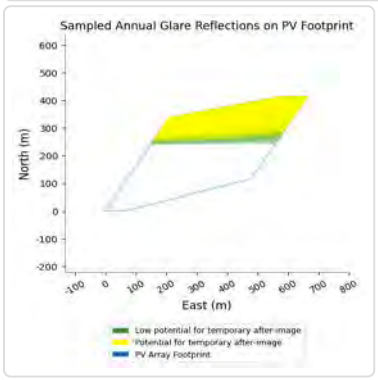
PV array is expected to produce the following glare for this receptor:

- 619 minutes of "green" glare with low potential to cause temporary after-image.
- 84 minutes of "yellow" glare with potential to cause temporary after-image.





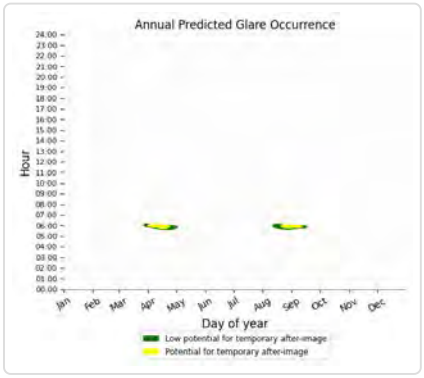


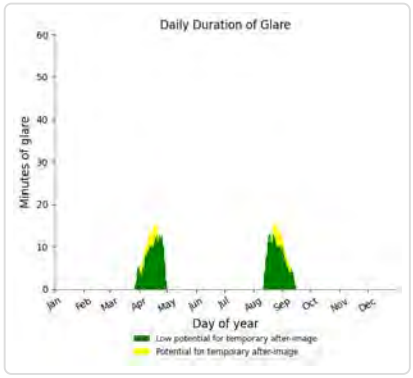


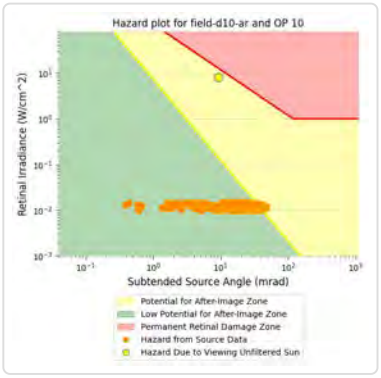
Field D10 Array: OP 10

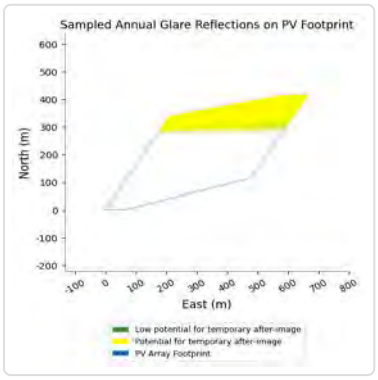
PV array is expected to produce the following glare for this receptor:

- 551 minutes of "green" glare with low potential to cause temporary after-image.
- 106 minutes of "yellow" glare with potential to cause temporary after-image.





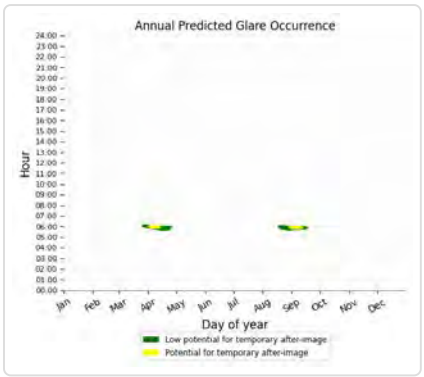


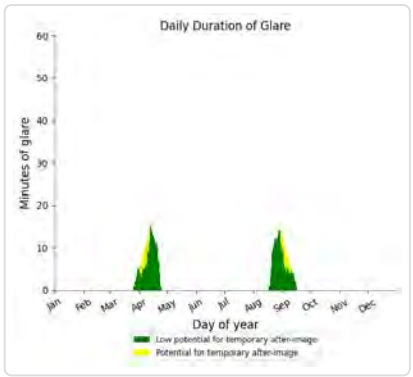


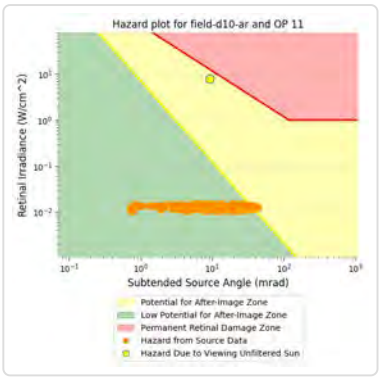
Field D10 Array: OP 11

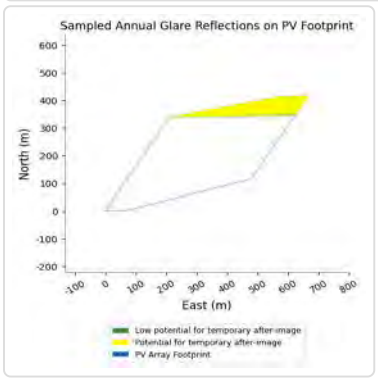
PV array is expected to produce the following glare for this receptor:

- 424 minutes of "green" glare with low potential to cause temporary after-image.
- 79 minutes of "yellow" glare with potential to cause temporary after-image.





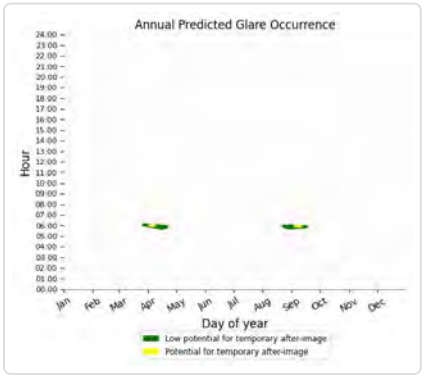


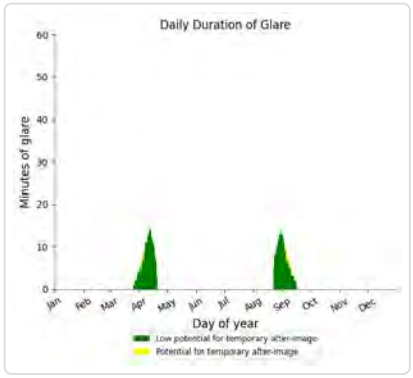


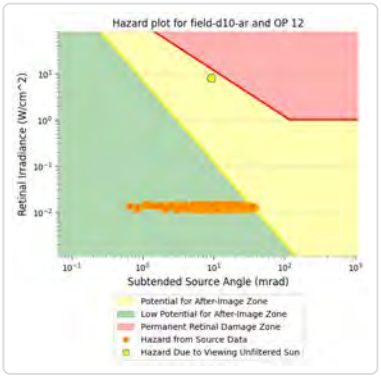
Field D10 Array: OP 12

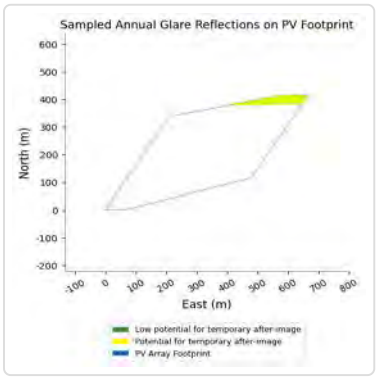
PV array is expected to produce the following glare for this receptor:

- 381 minutes of "green" glare with low potential to cause temporary after-image.
- 16 minutes of "yellow" glare with potential to cause temporary after-image.





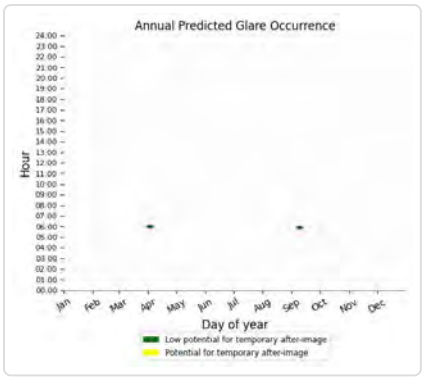


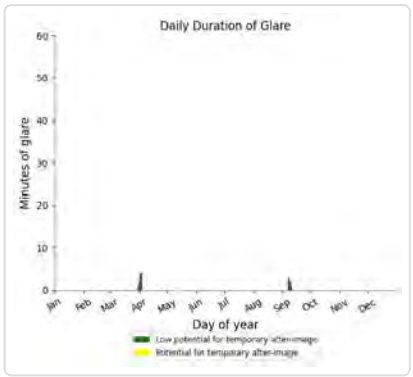


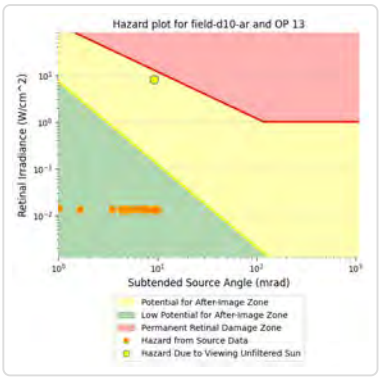
Field D10 Array: OP 13

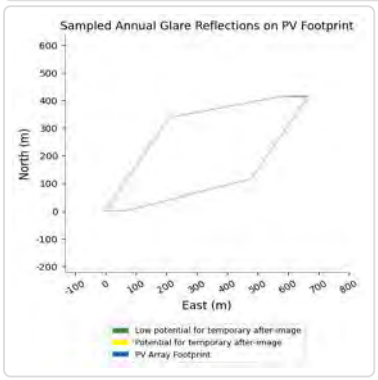
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D10 Array: OP 14

No glare found

Field D10 Array: OP 15

No glare found

Field D10 Array: OP 16

No glare found

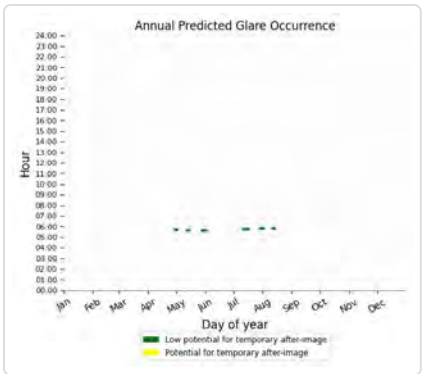
Field D1A-B Array potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	24	0
OP: OP 2	33	0
OP: OP 3	844	228
OP: OP 4	887	378
OP: OP 5	771	624
OP: OP 6	761	841
OP: OP 7	610	961
OP: OP 8	1323	3270
OP: OP 9	1321	3350
OP: OP 10	1336	2626
OP: OP 11	1343	2593
OP: OP 12	2008	1632
OP: OP 13	664	1928
OP: OP 14	802	1687
OP: OP 15	1176	7
OP: OP 16	0	0

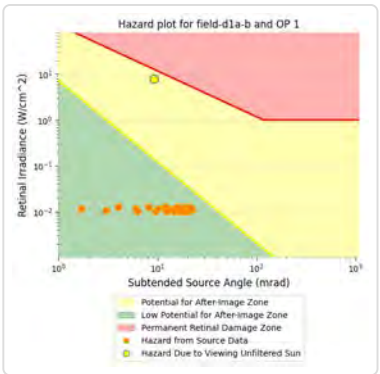
Field D1A-B Array: OP 1

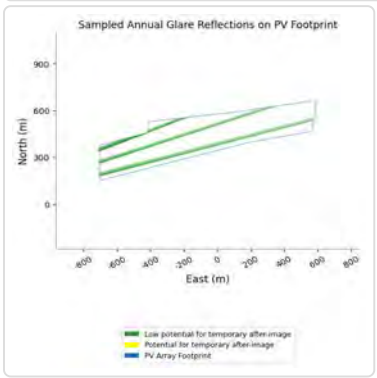
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





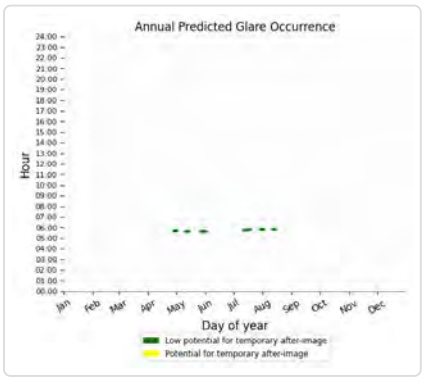


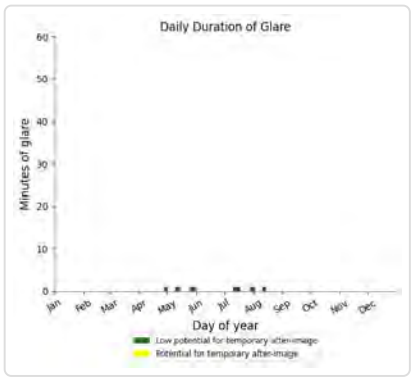


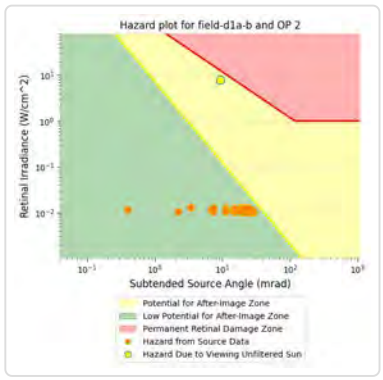
Field D1A-B Array: OP 2

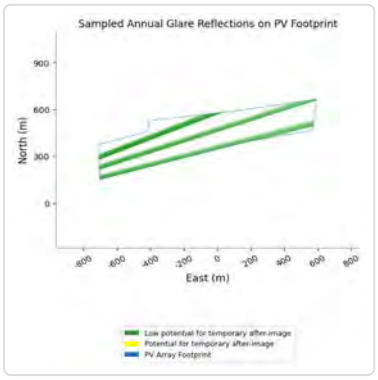
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





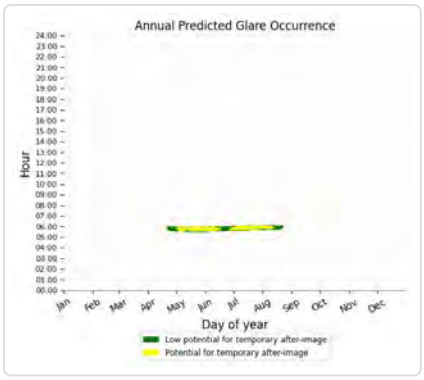


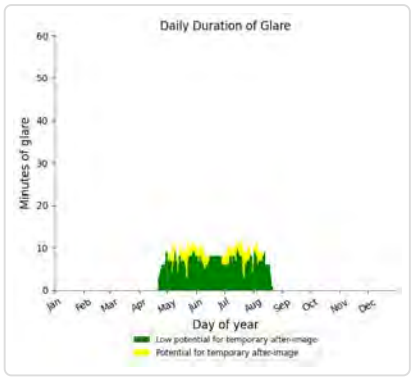


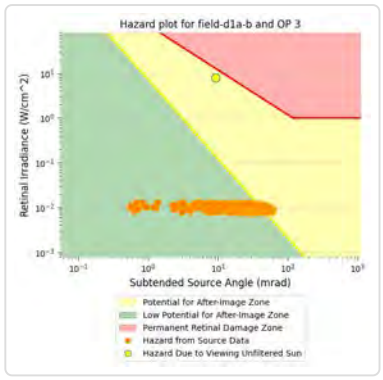
Field D1A-B Array: OP 3

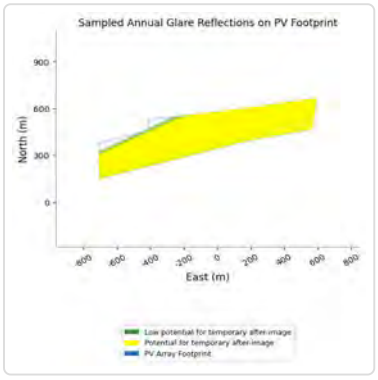
PV array is expected to produce the following glare for this receptor:

- 844 minutes of "green" glare with low potential to cause temporary after-image.
- 228 minutes of "yellow" glare with potential to cause temporary after-image.





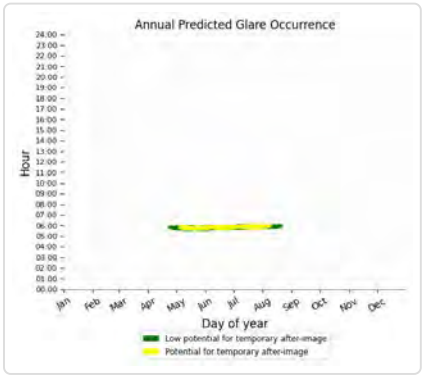


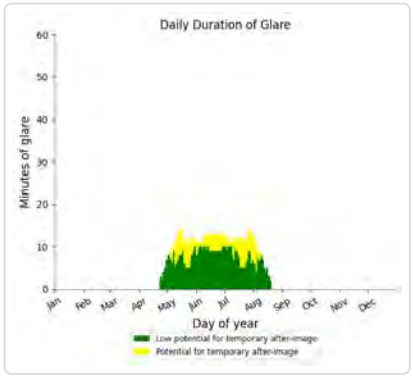


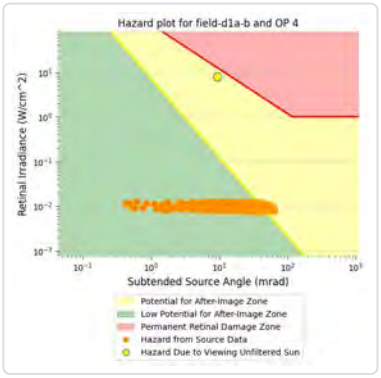
Field D1A-B Array: OP 4

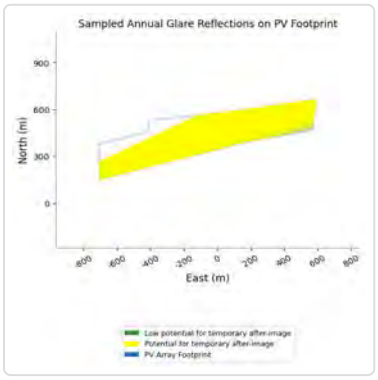
PV array is expected to produce the following glare for this receptor:

- 887 minutes of "green" glare with low potential to cause temporary after-image.
- 378 minutes of "yellow" glare with potential to cause temporary after-image.





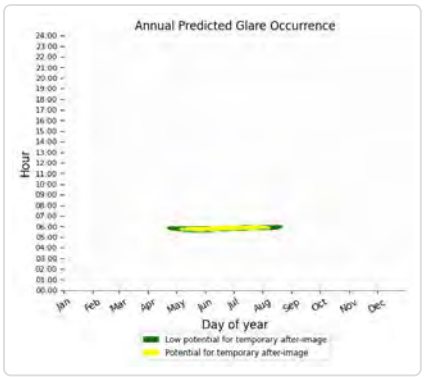


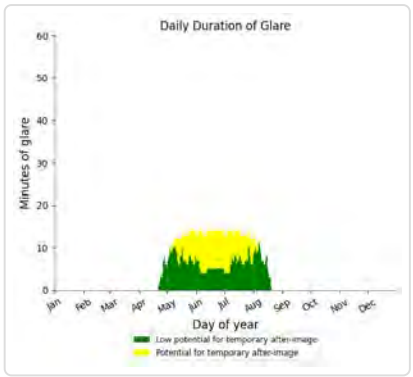


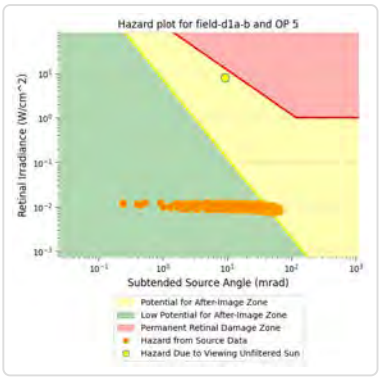
Field D1A-B Array: OP 5

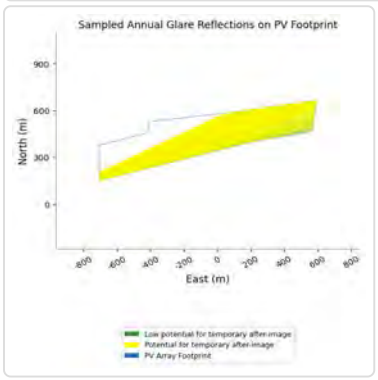
PV array is expected to produce the following glare for this receptor:

- 771 minutes of "green" glare with low potential to cause temporary after-image.
- 624 minutes of "yellow" glare with potential to cause temporary after-image.





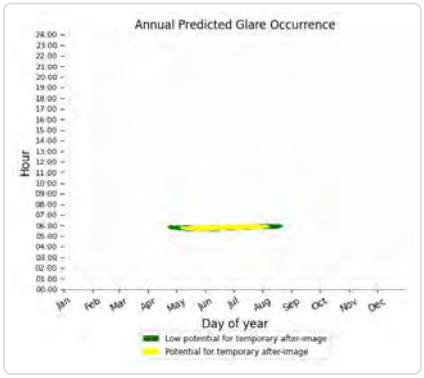


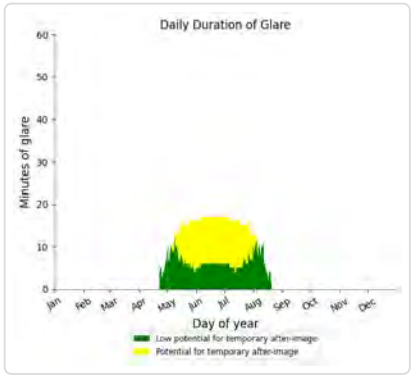


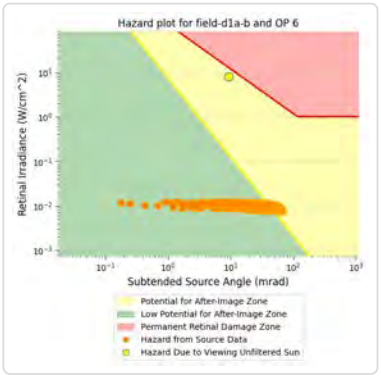
Field D1A-B Array: OP 6

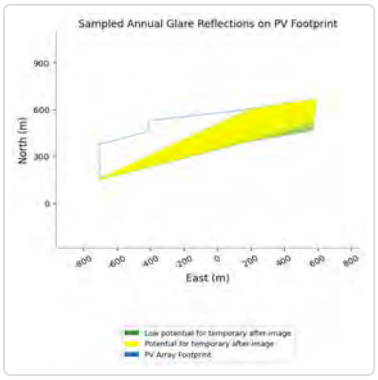
PV array is expected to produce the following glare for this receptor:

- 761 minutes of "green" glare with low potential to cause temporary after-image.
- 841 minutes of "yellow" glare with potential to cause temporary after-image.





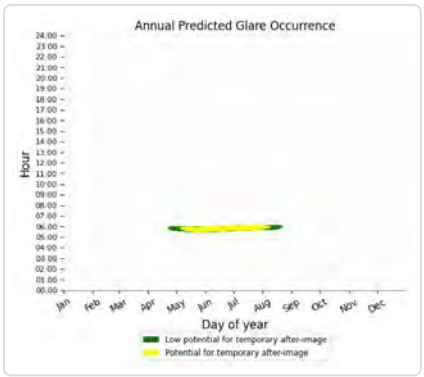


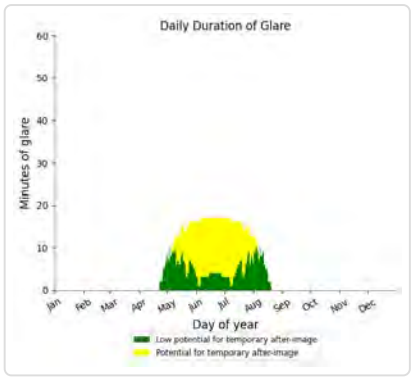


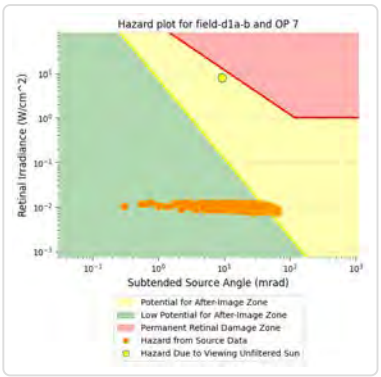
Field D1A-B Array: OP 7

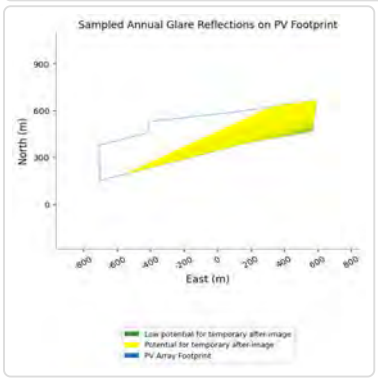
PV array is expected to produce the following glare for this receptor:

- 610 minutes of "green" glare with low potential to cause temporary after-image.
- 961 minutes of "yellow" glare with potential to cause temporary after-image.





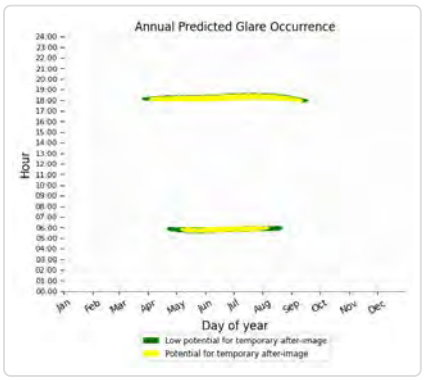


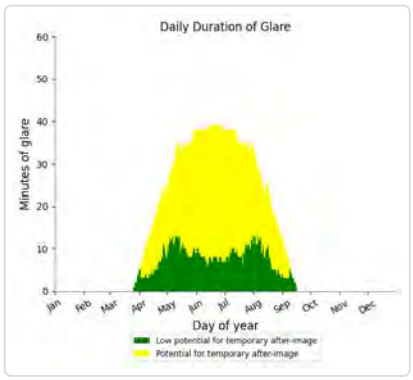


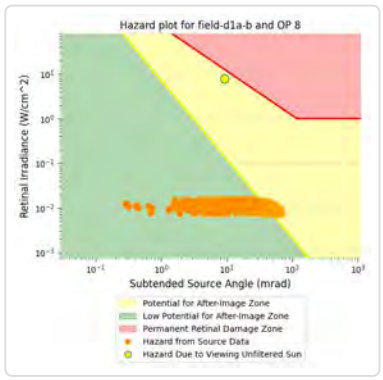
Field D1A-B Array: OP 8

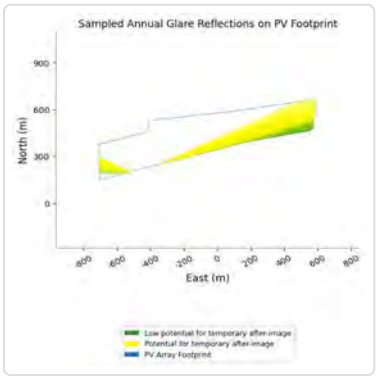
PV array is expected to produce the following glare for this receptor:

- 1,323 minutes of "green" glare with low potential to cause temporary after-image.
- 3,270 minutes of "yellow" glare with potential to cause temporary after-image.





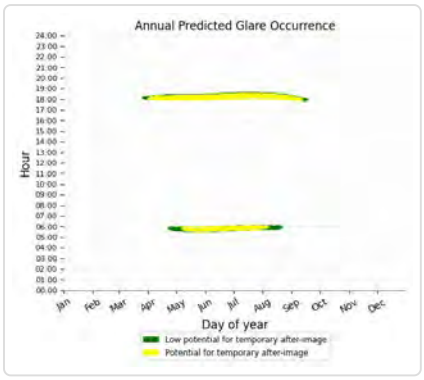


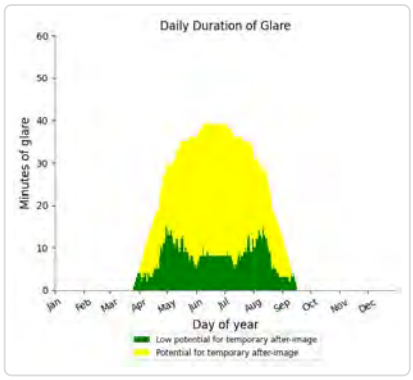


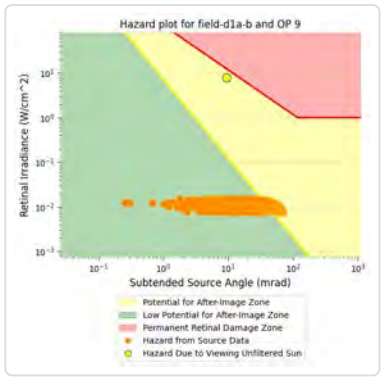
Field D1A-B Array: OP 9

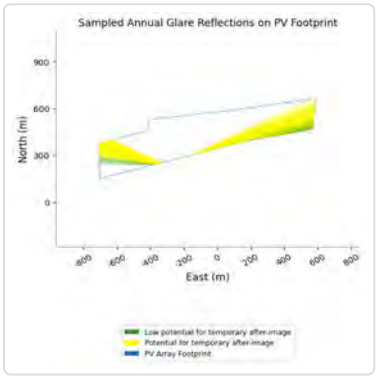
PV array is expected to produce the following glare for this receptor:

- 1,321 minutes of "green" glare with low potential to cause temporary after-image.
- 3,350 minutes of "yellow" glare with potential to cause temporary after-image.





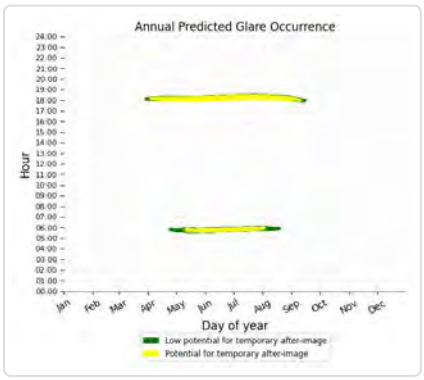


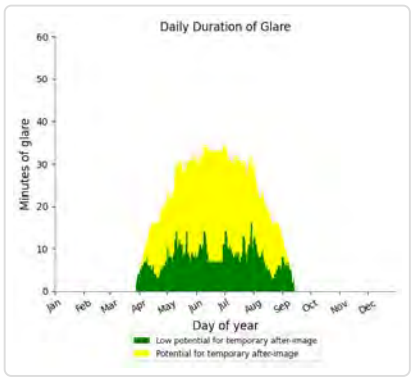


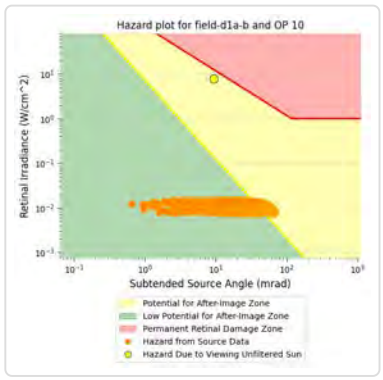
Field D1A-B Array: OP 10

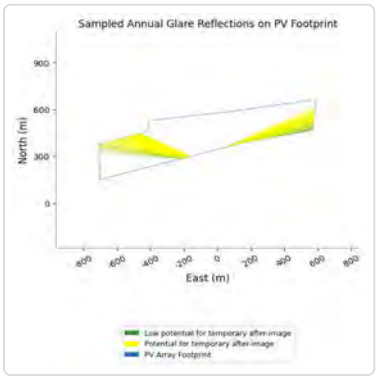
PV array is expected to produce the following glare for this receptor:

- 1,336 minutes of "green" glare with low potential to cause temporary after-image.
- 2,626 minutes of "yellow" glare with potential to cause temporary after-image.





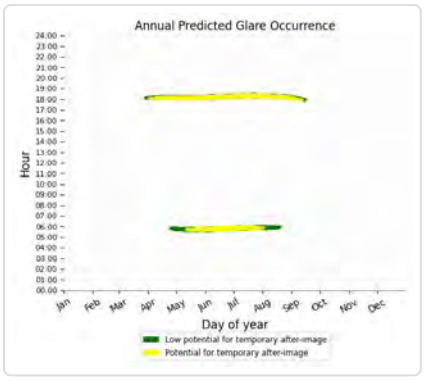


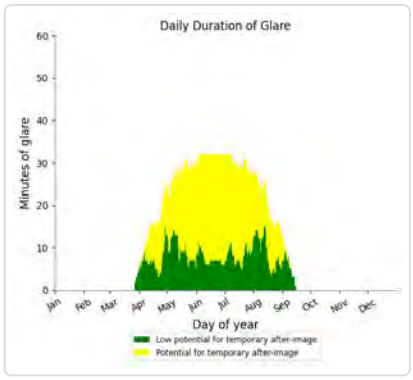


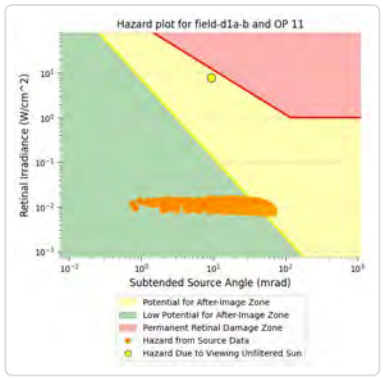
Field D1A-B Array: OP 11

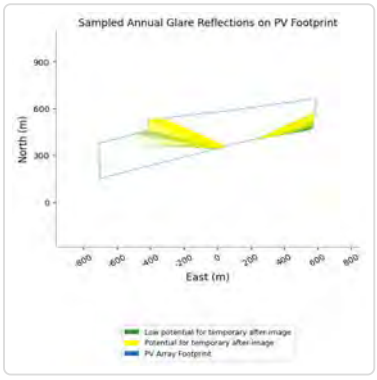
PV array is expected to produce the following glare for this receptor:

- 1,343 minutes of "green" glare with low potential to cause temporary after-image.
- 2,593 minutes of "yellow" glare with potential to cause temporary after-image.





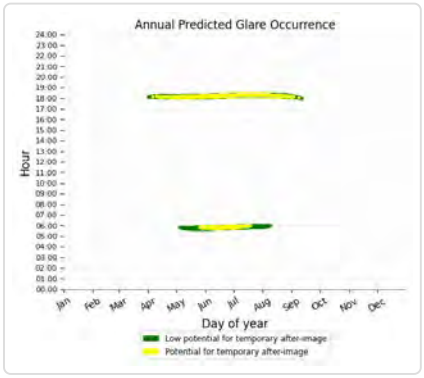


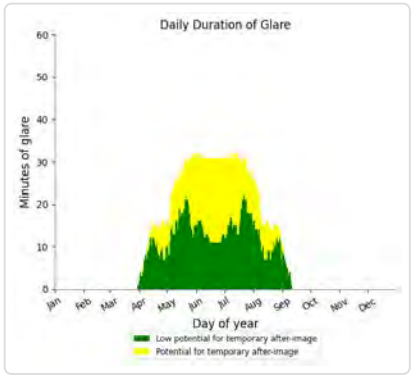


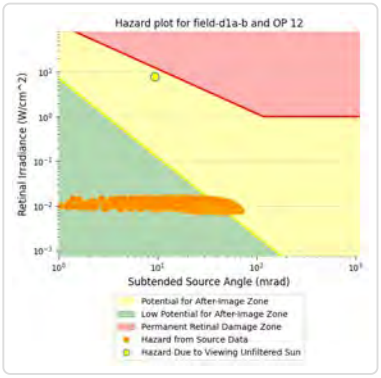
Field D1A-B Array: OP 12

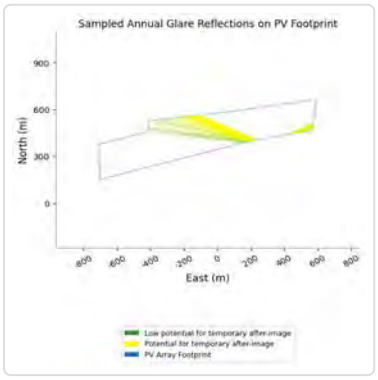
PV array is expected to produce the following glare for this receptor:

- 2,008 minutes of "green" glare with low potential to cause temporary after-image.
- 1,632 minutes of "yellow" glare with potential to cause temporary after-image.





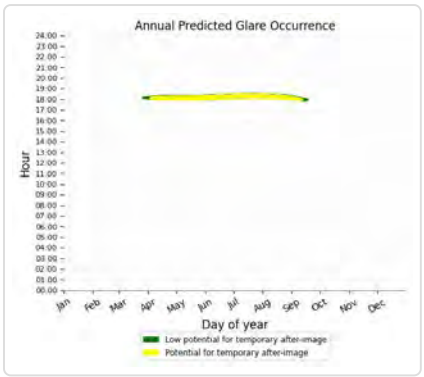


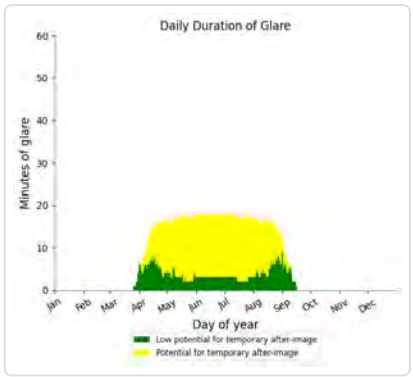


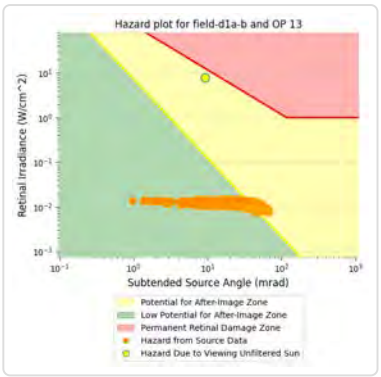
Field D1A-B Array: OP 13

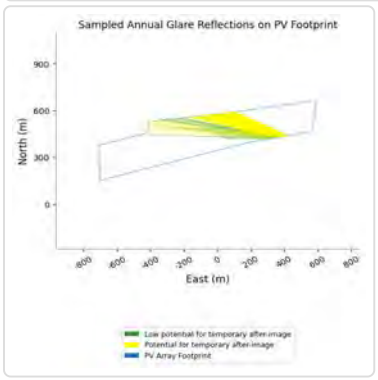
PV array is expected to produce the following glare for this receptor:

- 664 minutes of "green" glare with low potential to cause temporary after-image.
- 1,928 minutes of "yellow" glare with potential to cause temporary after-image.





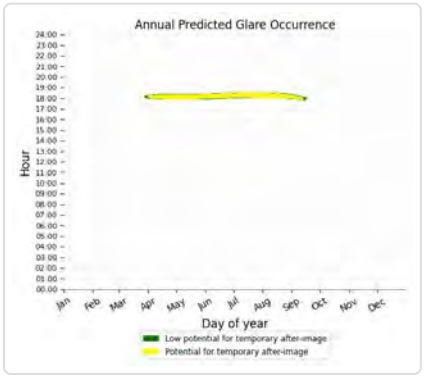


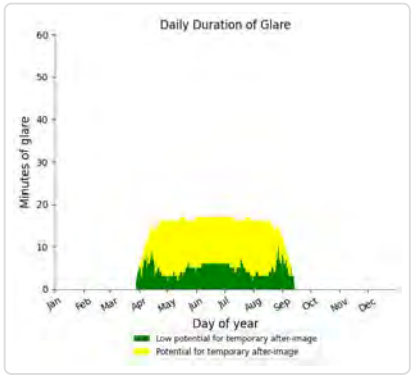


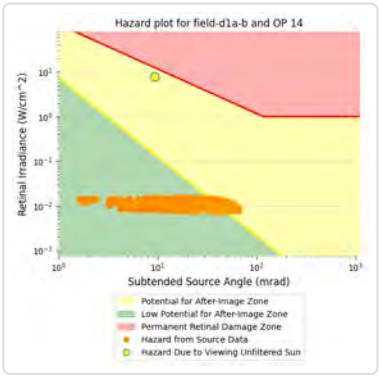
Field D1A-B Array: OP 14

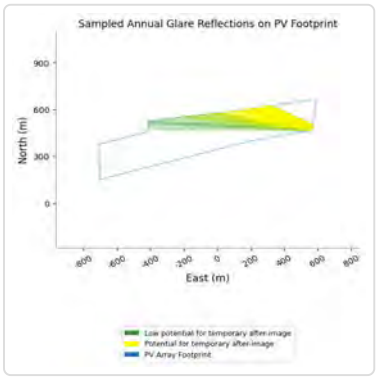
PV array is expected to produce the following glare for this receptor:

- 802 minutes of "green" glare with low potential to cause temporary after-image.
- 1,687 minutes of "yellow" glare with potential to cause temporary after-image.





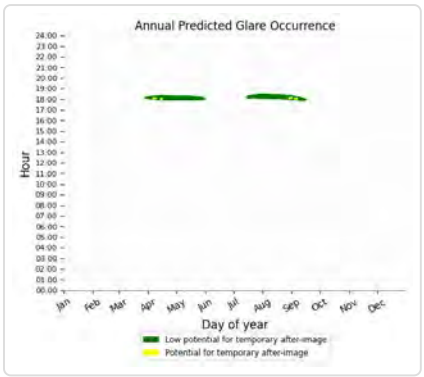


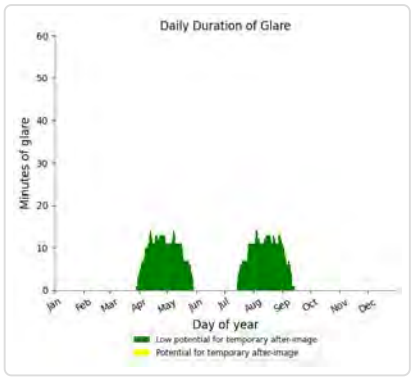


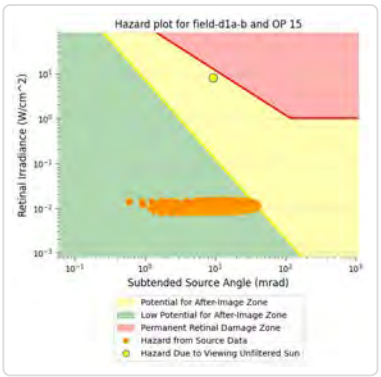
Field D1A-B Array: OP 15

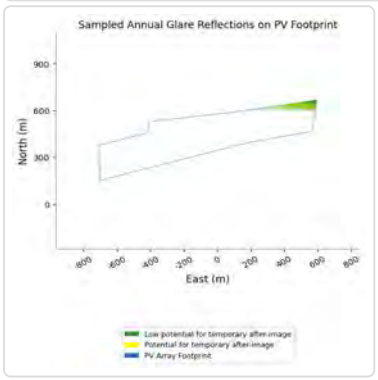
PV array is expected to produce the following glare for this receptor:

- 1,176 minutes of "green" glare with low potential to cause temporary after-image.
- 7 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1A-B Array: OP 16

No glare found

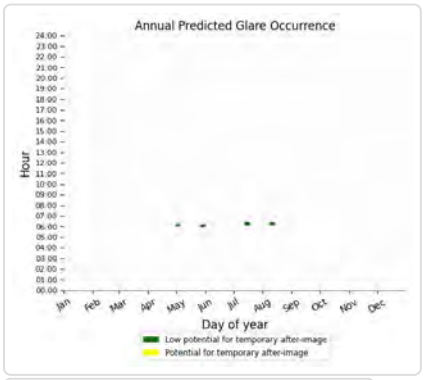
Field D1C Array potential temporary after-image

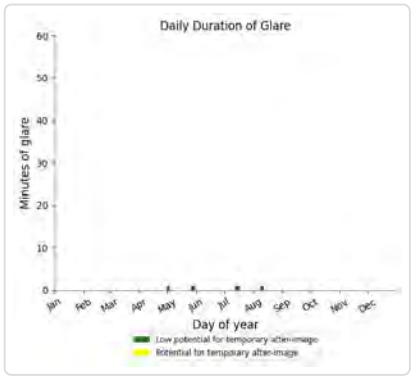
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	16	0
OP: OP 2	22	0
OP: OP 3	38	0
OP: OP 4	52	0
OP: OP 5	30	0
OP: OP 6	25	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	21	0
OP: OP 12	559	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	994	3212
OP: OP 16	602	2046

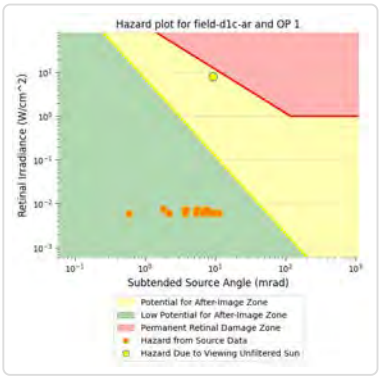
Field D1C Array: OP 1

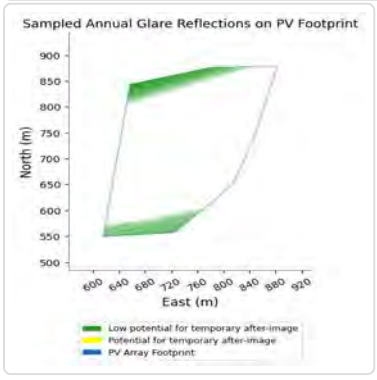
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





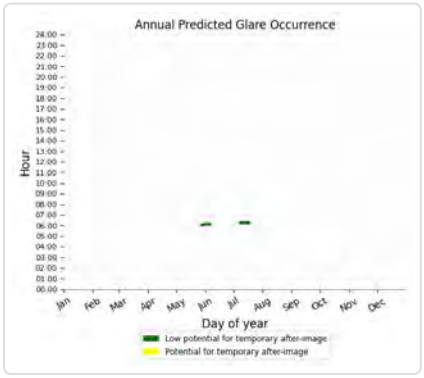


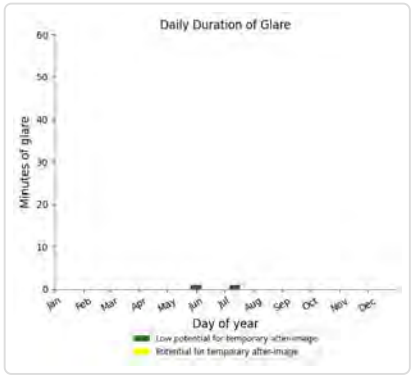


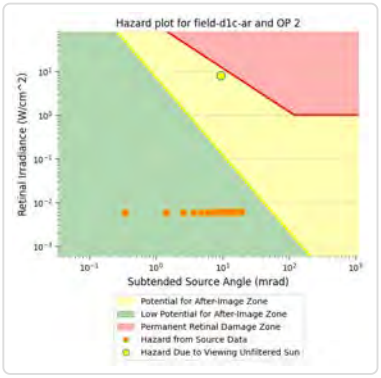
Field D1C Array: OP 2

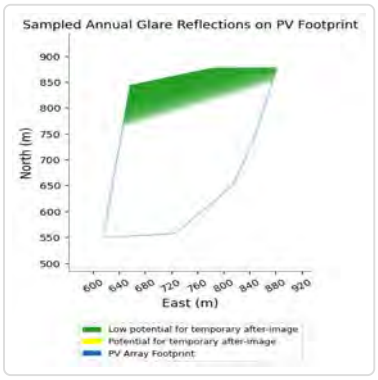
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





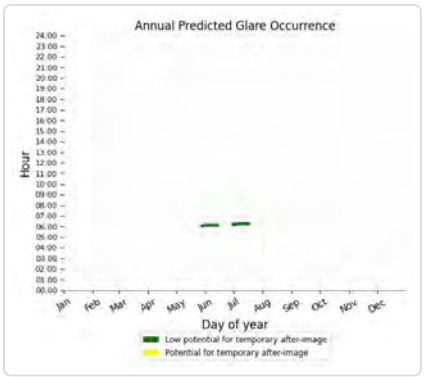


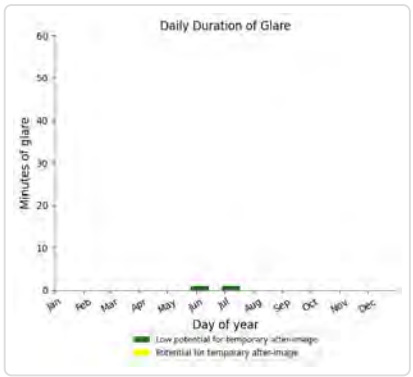


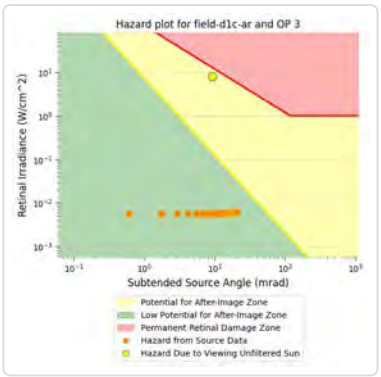
Field D1C Array: OP 3

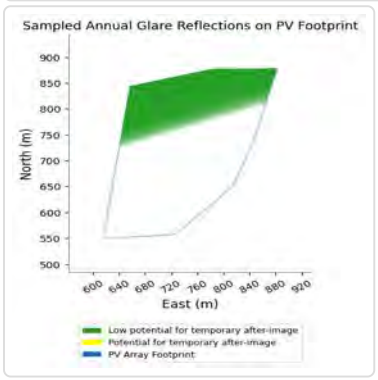
PV array is expected to produce the following glare for this receptor:

- 38 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





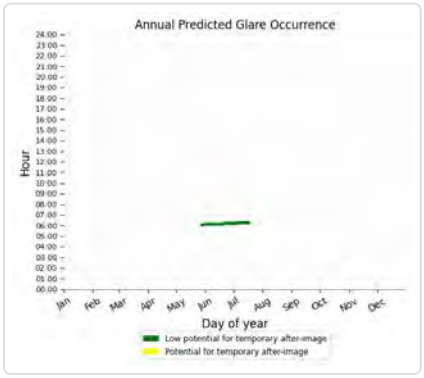


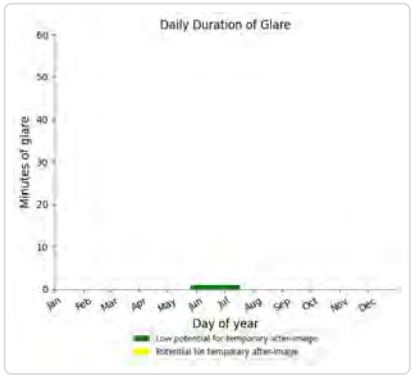


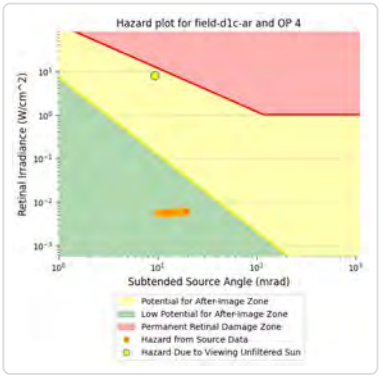
Field D1C Array: OP 4

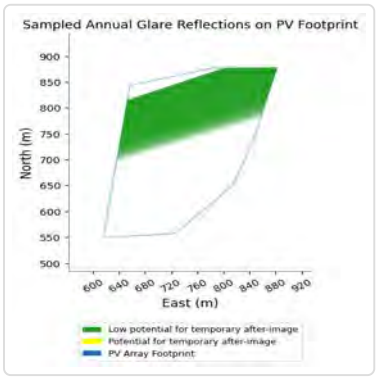
PV array is expected to produce the following glare for this receptor:

- 52 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





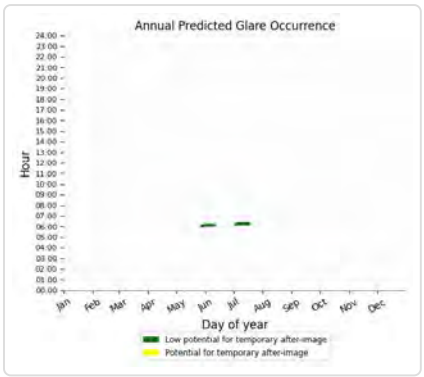


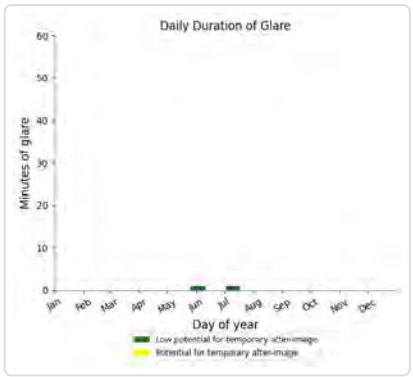


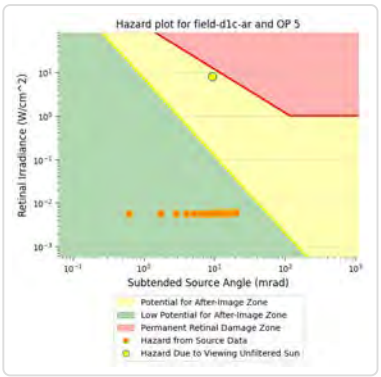
Field D1C Array: OP 5

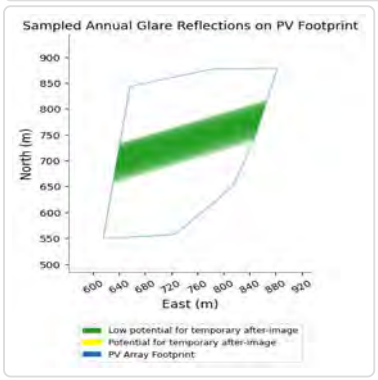
PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





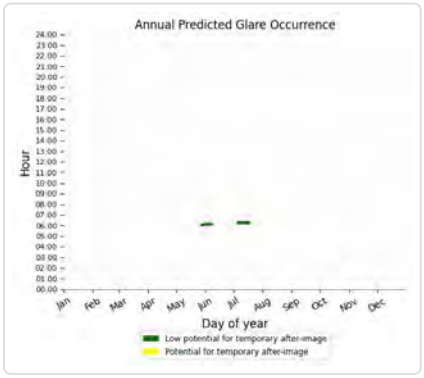


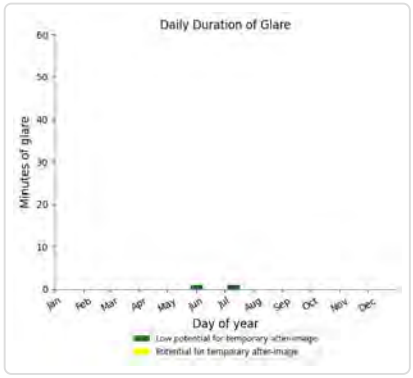


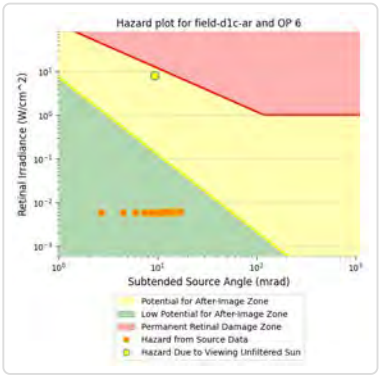
Field D1C Array: OP 6

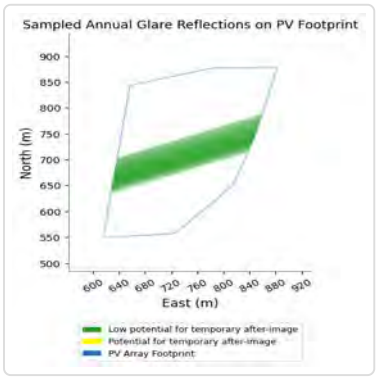
PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 7

No glare found

Field D1C Array: OP 8

No glare found

Field D1C Array: OP 9

No glare found

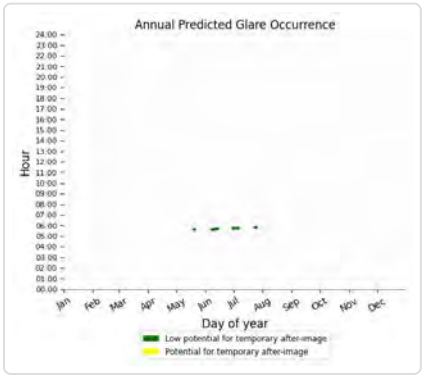
Field D1C Array: OP 10

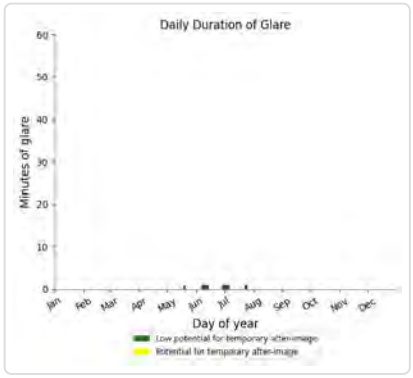
No glare found

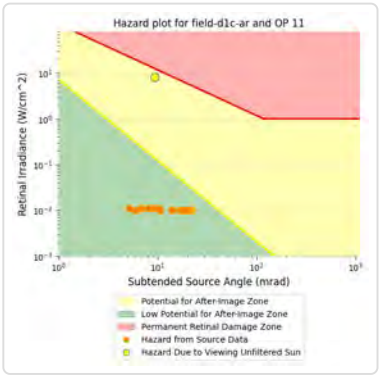
Field D1C Array: OP 11

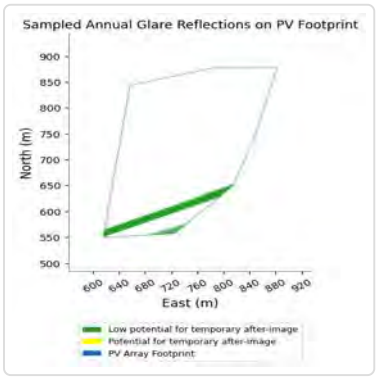
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





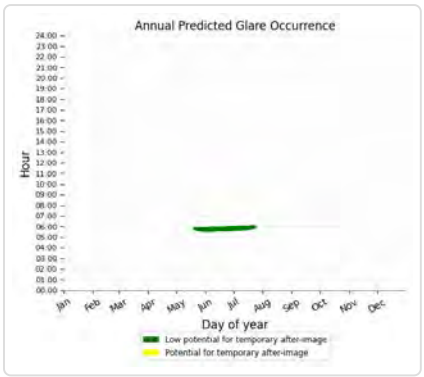




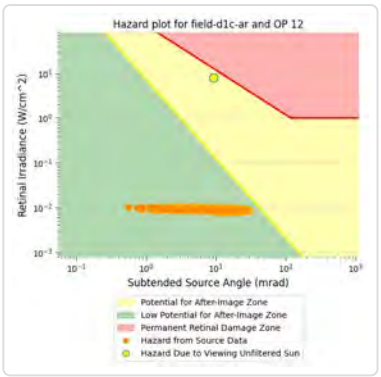
Field D1C Array: OP 12

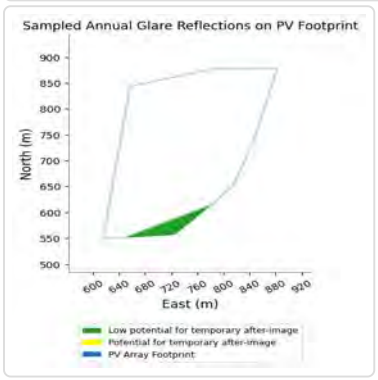
PV array is expected to produce the following glare for this receptor:

- 559 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D1C Array: OP 13

No glare found

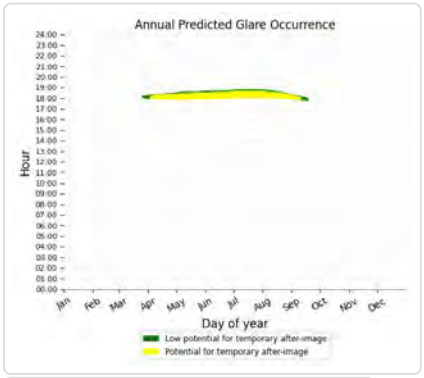
Field D1C Array: OP 14

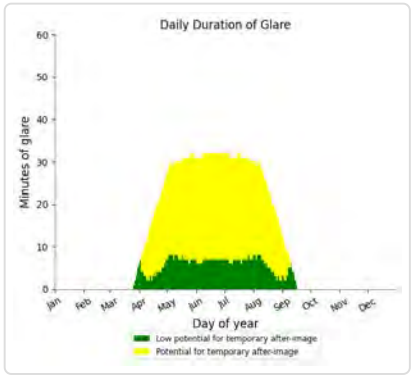
No glare found

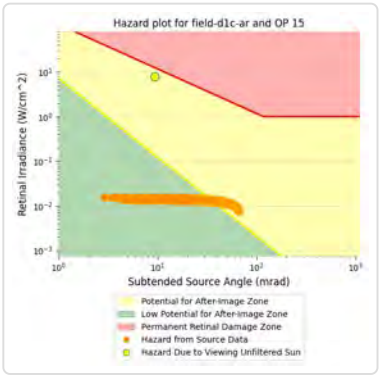
Field D1C Array: OP 15

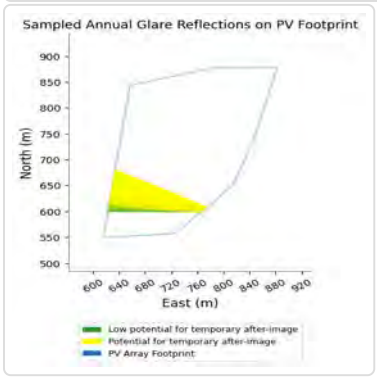
PV array is expected to produce the following glare for this receptor:

- 994 minutes of "green" glare with low potential to cause temporary after-image.
- 3,212 minutes of "yellow" glare with potential to cause temporary after-image.





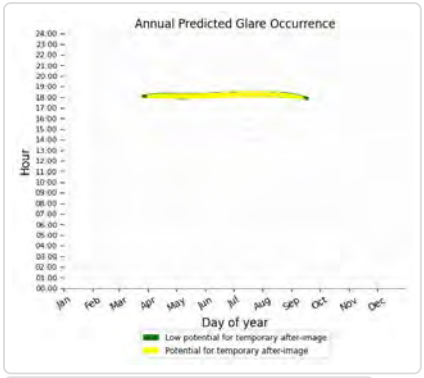


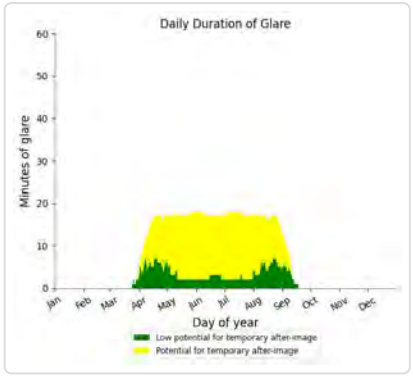


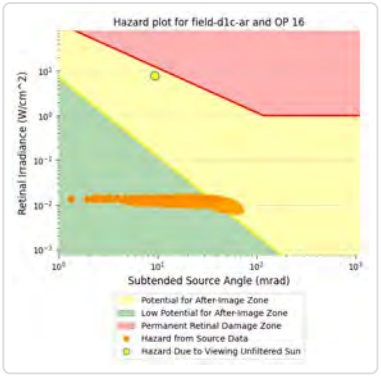
Field D1C Array: OP 16

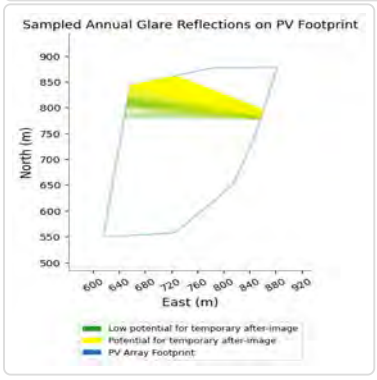
PV array is expected to produce the following glare for this receptor:

- 602 minutes of "green" glare with low potential to cause temporary after-image.
- 2,046 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	22	0
OP: OP 3	30	0
OP: OP 4	26	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

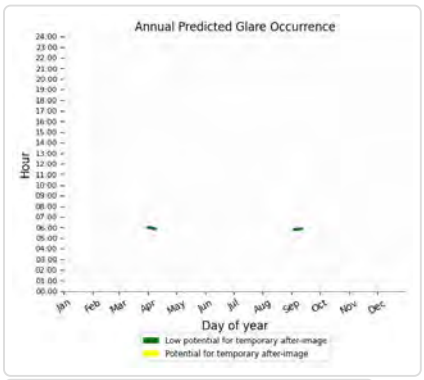
Field D2 Array: OP 1

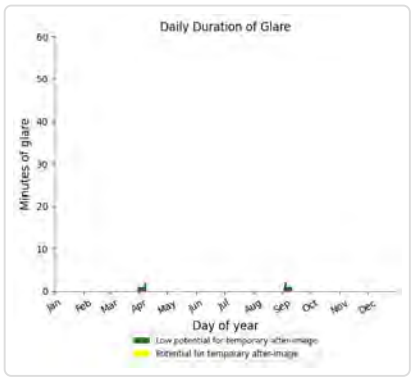
No glare found

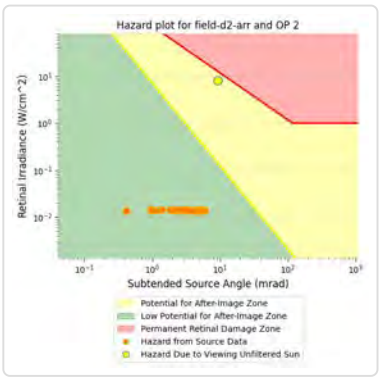
Field D2 Array: OP 2

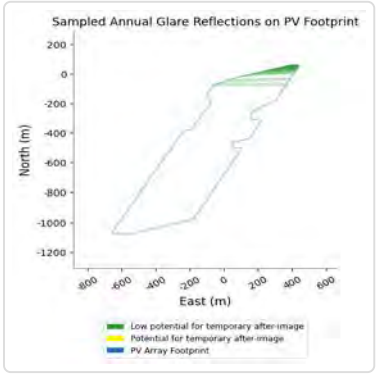
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





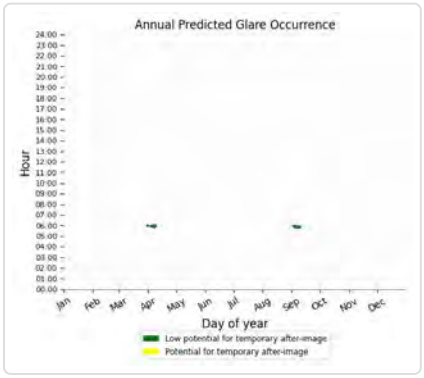


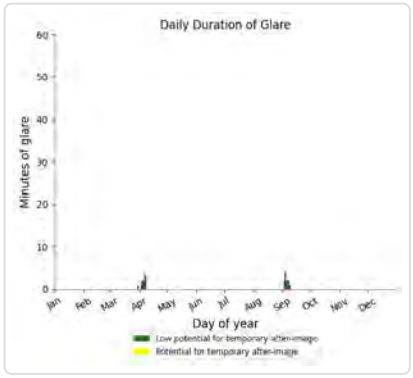


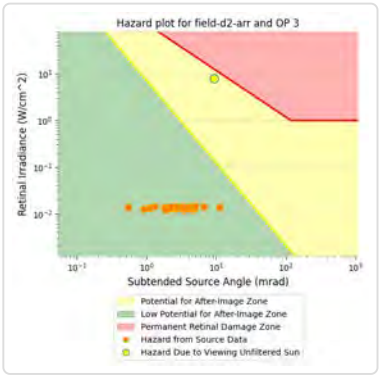
Field D2 Array: OP 3

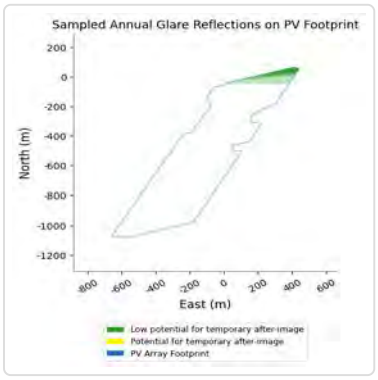
PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





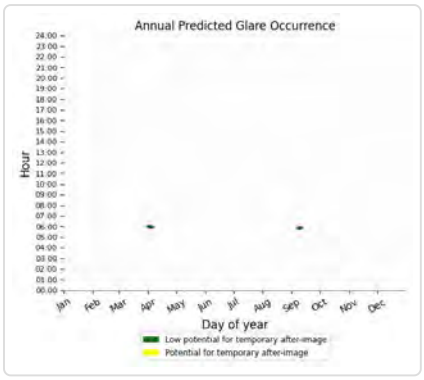


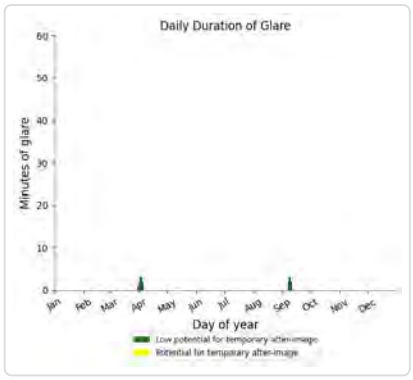


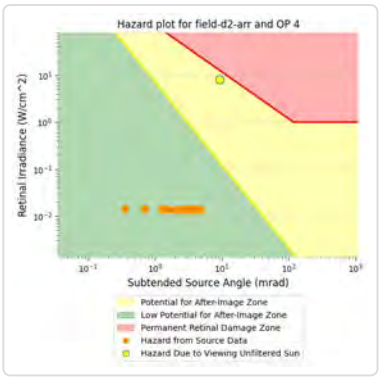
Field D2 Array: OP 4

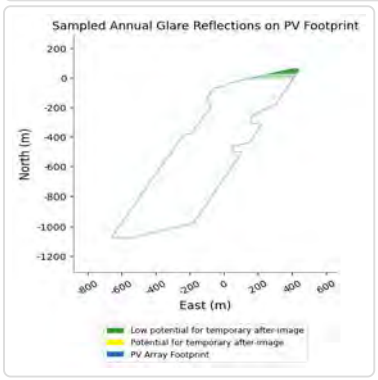
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Field D2 Array: OP 5

No glare found

Field D2 Array: OP 6
No glare found

Field D2 Array: OP 7
No glare found

Field D2 Array: OP 8
No glare found

Field D2 Array: OP 9
No glare found

Field D2 Array: OP 10
No glare found

Field D2 Array: OP 11
No glare found

Field D2 Array: OP 12
No glare found

Field D2 Array: OP 13
No glare found

Field D2 Array: OP 14
No glare found

Field D2 Array: OP 15
No glare found

Field D2 Array: OP 16
No glare found

Field D3 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D5 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D6 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D7 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D8 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Field D9 Array no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

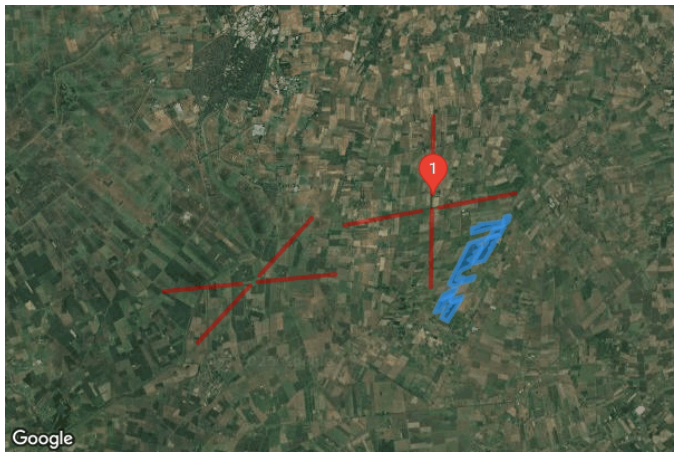
Annex L: Aviation Receptor Glare Results East 10 Degrees

Meridian Solar Farm East

Meridian East Aviation 10 Degrees

Created Aug 22, 2025
Updated Aug 22, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 157787.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with low potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	10.0	180.0	2,033	0	-
Field D1A-B Array	10.0	180.0	3,013	0	-
Field D1C Array	10.0	180.0	2,540	0	-
Field D2 Array	10.0	180.0	1,922	0	-
Field D3 Array	10.0	180.0	2,316	0	-
Field D5 Array	10.0	180.0	458	0	-
Field D6 Array	10.0	180.0	437	0	-
Field D7 Array	10.0	180.0	352	0	-
Field D8 Array	10.0	180.0	601	0	-
Field D9 Array	10.0	180.0	470	0	-

Component Data

PV Array(s)

Total PV footprint area: 2,349,416 m^2

Name: Field D10 Array
Footprint area: 136,922 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726260	0.005110	1.64	4.30	5.94
2	52.726280	0.006190	1.44	4.30	5.74
3	52.727290	0.012200	0.92	4.30	5.22
4	52.729990	0.014980	1.57	4.30	5.87
5	52.729970	0.013600	1.82	4.30	6.12
6	52.729290	0.008210	1.63	4.30	5.93

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,701 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734150	0.018170	1.76	4.30	6.06
7	52.734140	0.016690	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 417,808 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721760	0.006720	2.04	4.30	6.34
5	52.721760	0.005890	1.47	4.30	5.77
6	52.722100	0.005820	1.64	4.30	5.94
7	52.722300	0.007260	2.17	4.30	6.47
8	52.723460	0.008450	2.13	4.30	6.43
9	52.723520	0.007330	1.58	4.30	5.88
10	52.723970	0.007610	1.68	4.30	5.98
11	52.724640	0.009600	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724970	0.003600	1.82	4.30	6.12
18	52.724490	0.004010	1.22	4.30	5.52
19	52.722900	0.002300	1.46	4.30	5.76
20	52.722760	0.001580	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 812,141 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708690	-0.019660	1.33	4.30	5.63
2	52.708320	-0.017290	1.31	4.30	5.61
3	52.707810	-0.017190	0.84	4.30	5.14
4	52.707810	-0.016140	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.21
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004800	1.86	4.30	6.17
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.89	4.30	6.18
17	52.720130	-0.003470	2.02	4.30	6.31
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.48	4.30	5.78
20	52.722490	0.000690	1.20	4.30	5.50
21	52.722440	-0.000180	1.29	4.30	5.59
22	52.722960	0.000420	1.30	4.30	5.60
23	52.723330	-0.001430	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 268,446 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702730	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700070	-0.021060	1.99	4.30	6.29
8	52.699610	-0.020660	2.06	4.30	6.36
9	52.698980	-0.020530	2.35	4.30	6.64
10	52.698900	-0.022040	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,077 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700890	-0.022750	2.61	4.30	6.91
2	52.702250	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698740	-0.024700	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,242 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702110	-0.017910	2.45	4.30	6.75
2	52.702800	-0.018300	1.02	4.30	5.32
3	52.703320	-0.017780	0.77	4.30	5.07
4	52.703210	-0.017260	0.95	4.30	5.25
5	52.703300	-0.016590	1.08	4.30	5.38
6	52.704210	-0.010990	2.29	4.30	6.58
7	52.702970	-0.012210	2.23	4.30	6.54

Name: Field D8 Array
Footprint area: 93,322 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

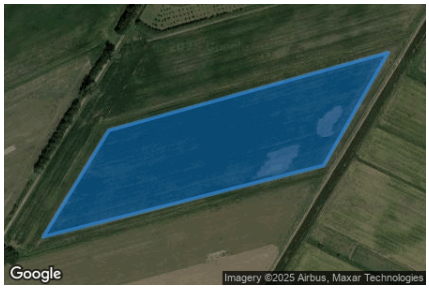
Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703150	-0.024330	1.81	4.30	6.11
2	52.703160	-0.023580	1.61	4.30	5.91
3	52.705330	-0.016540	2.05	4.30	6.35
4	52.707010	-0.014740	1.57	4.30	5.87
5	52.706940	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60

Name: Field D9 Array
Footprint area: 61,899 m^2
Axis tracking: Fixed (no rotation)
Tilt: 10.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709230	-0.011260	1.62	4.30	5.92
2	52.710710	-0.009760	1.07	4.30	5.38
3	52.711790	-0.003360	1.62	4.30	5.92
4	52.710220	-0.004840	1.86	4.30	6.16

2-Mile Flight Path Receptor(s)

Name: Crowland RWY 03
Description:
Threshold height : 15 m
Direction: 42.6 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.708232	-0.141796	1.06	15.24	16.30
2-mile point	52.686949	-0.174135	3.01	181.98	184.99



Name: Crowland RWY 08
Description:
Threshold height : 15 m
Direction: 84.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.708817	-0.147461	1.29	15.24	16.53
2-mile point	52.706045	-0.195018	1.05	184.17	185.22



Name: Crowland RWY 21
Description:
Threshold height : 15 m
Direction: 222.6 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.711963	-0.136174	1.36	15.24	16.60
2-mile point	52.733245	-0.103833	2.66	182.63	185.28



Name: Crowland RWY 26
Description:
Threshold height : 15 m
Direction: 264.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.709571	-0.137033	1.11	15.24	16.35
2-mile point	52.712342	-0.089475	1.52	183.51	185.04



Name: Fenland RWY 08
Description:
Threshold height : 15 m
Direction: 79.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.735941	-0.036712	1.83	15.24	17.07
2-mile point	52.730672	-0.083718	3.51	182.25	185.76



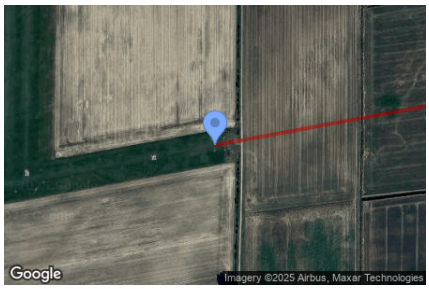
Name: Fenland RWY 18
Description:
Threshold height : 15 m
Direction: 180.9 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.742156	-0.029790	2.20	15.24	17.44
2-mile point	52.771065	-0.029039	2.82	183.31	186.13



Name: Fenland RWY 26
Description:
Threshold height : 15 m
Direction: 259.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.737178	-0.025652	2.31	15.24	17.55
2-mile point	52.742447	0.021356	2.98	183.25	186.23



Name: Fenland RWY 36
Description:
Threshold height : 15 m
Direction: 0.9 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.736526	-0.029969	1.85	15.24	17.09
2-mile point	52.707617	-0.030720	1.82	183.96	185.78



Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
1-ATCT	52.741903	-0.028840	3.91	5.00	8.91

1-ATCT map image



Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	10.0	180.0	2,033	0	-	-
Field D1A-B Array	10.0	180.0	3,013	0	-	-
Field D1C Array	10.0	180.0	2,540	0	-	-
Field D2 Array	10.0	180.0	1,922	0	-	-
Field D3 Array	10.0	180.0	2,316	0	-	-
Field D5 Array	10.0	180.0	458	0	-	-
Field D6 Array	10.0	180.0	437	0	-	-
Field D7 Array	10.0	180.0	352	0	-	-
Field D8 Array	10.0	180.0	601	0	-	-
Field D9 Array	10.0	180.0	470	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d10-ar (green)	0	0	325	324	362	0	293	341	326	62	0	0
field-d10-ar (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d1a-b (green)	0	0	491	416	480	110	517	403	525	71	0	0
field-d1a-b (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d1c-ar (green)	0	0	355	493	387	38	349	386	515	17	0	0
field-d1c-ar (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d2-arr (green)	0	3	337	372	257	0	182	265	410	96	0	0
field-d2-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d3-arr (green)	0	6	446	398	290	0	218	276	555	111	0	0
field-d3-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d5-arr (green)	0	0	225	0	0	0	0	0	206	27	0	0
field-d5-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d6-arr (green)	0	0	215	0	0	0	0	0	204	18	0	0
field-d6-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d7-arr (green)	0	0	176	0	0	0	0	0	174	2	0	0
field-d7-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d8-arr (green)	0	0	285	13	0	0	0	0	302	1	0	0
field-d8-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d9-arr (green)	0	0	126	110	0	0	0	0	234	0	0	0
field-d9-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array low potential for temporary after-image

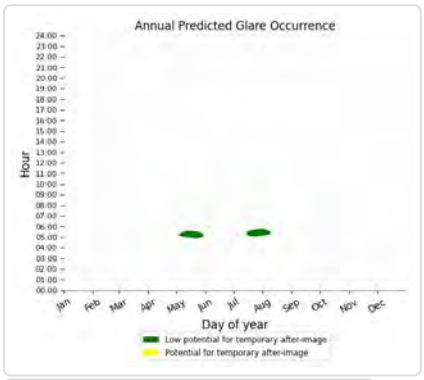
Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	730	0

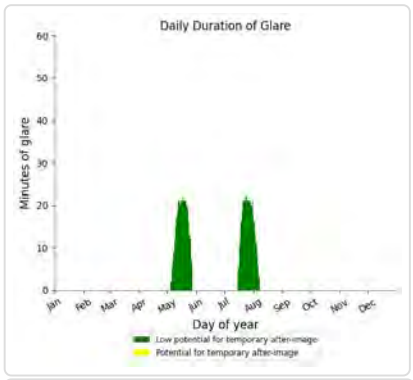
FP: Crowland RWY 08	653	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	650	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

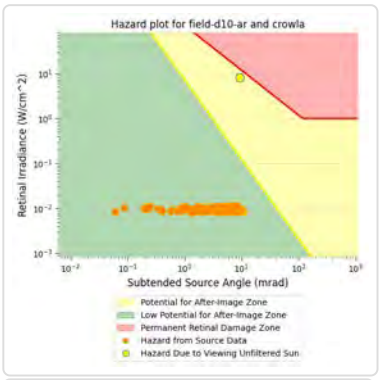
Field D10 Array: Crowland RWY 03

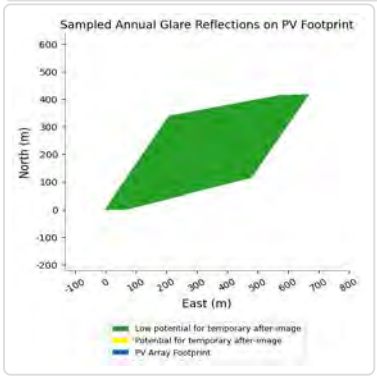
PV array is expected to produce the following glare for this receptor:

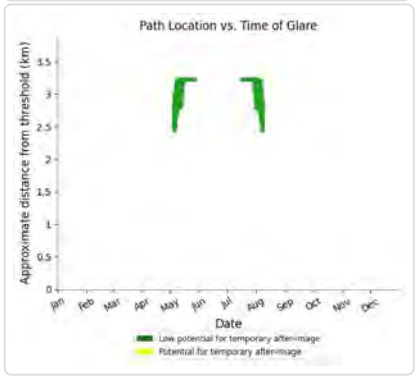
- 730 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

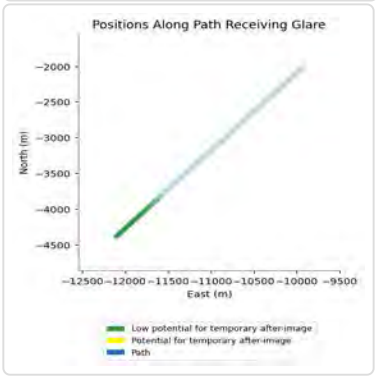








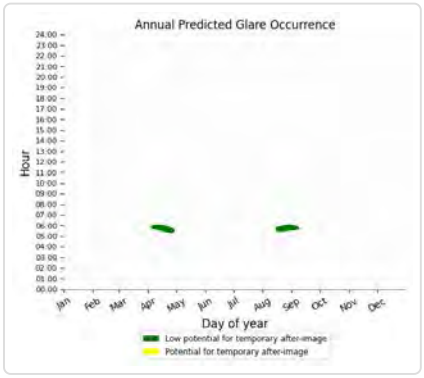


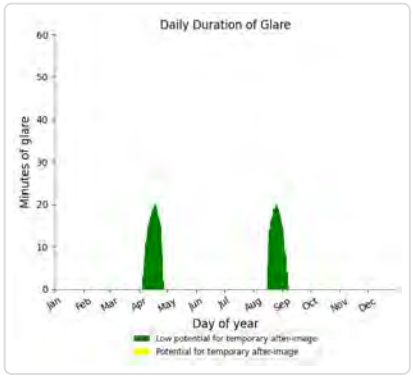


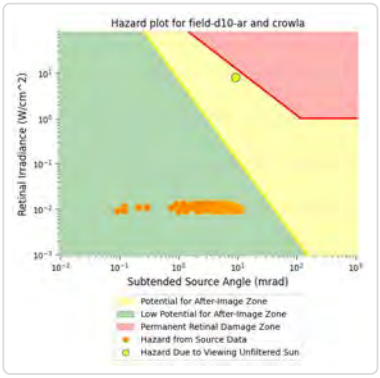
Field D10 Array: Crowland RWY 08

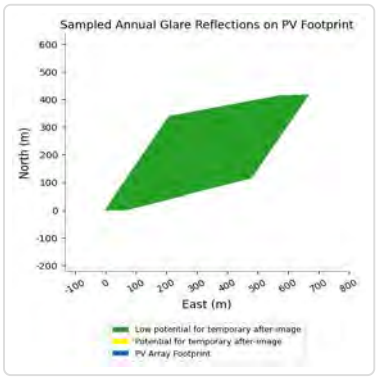
PV array is expected to produce the following glare for this receptor:

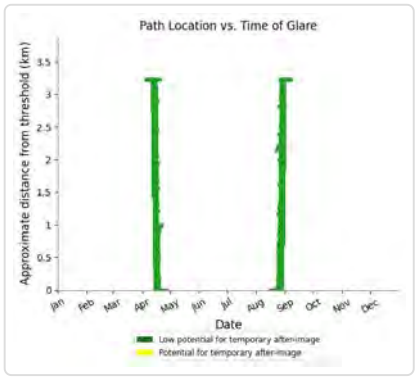
- 653 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

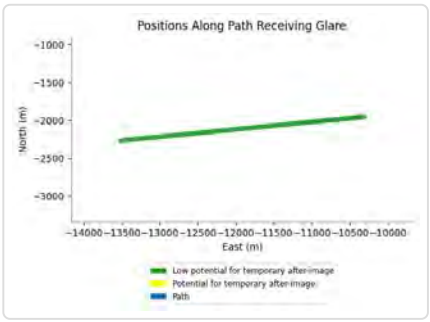












Field D10 Array: Crowland RWY 21

No glare found

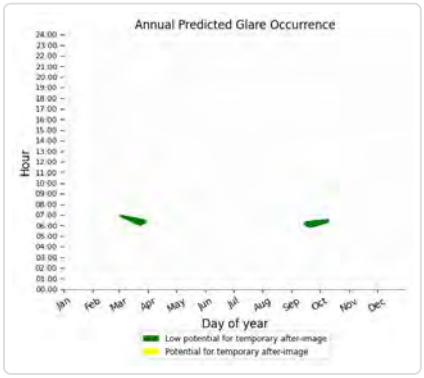
Field D10 Array: Crowland RWY 26

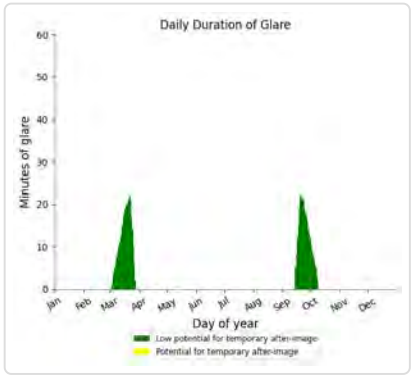
No glare found

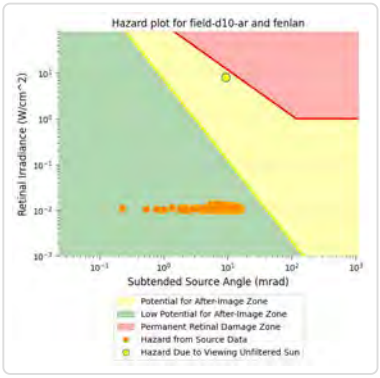
Field D10 Array: Fenland RWY 08

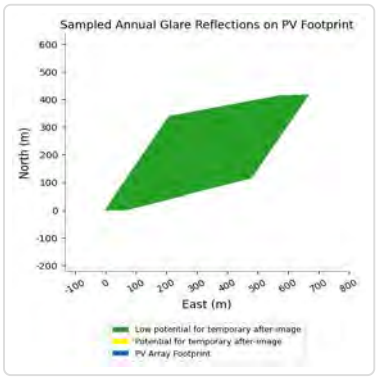
PV array is expected to produce the following glare for this receptor:

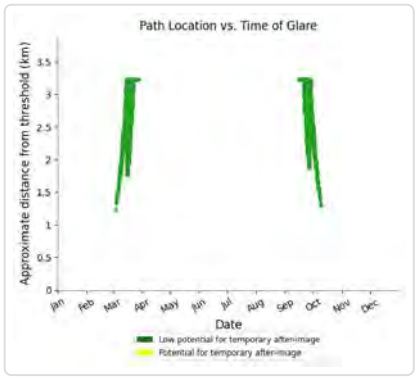
- 650 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

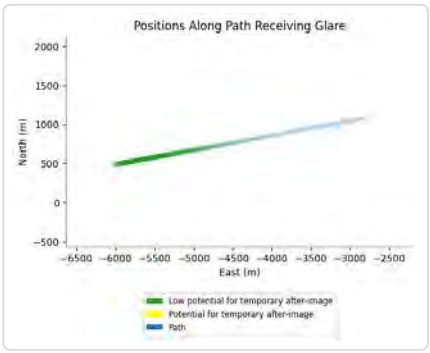












Field D10 Array: Fenland RWY 18

No glare found

Field D10 Array: Fenland RWY 26

No glare found

Field D10 Array: Fenland RWY 36

No glare found

Field D10 Array: 1-ATCT

No glare found

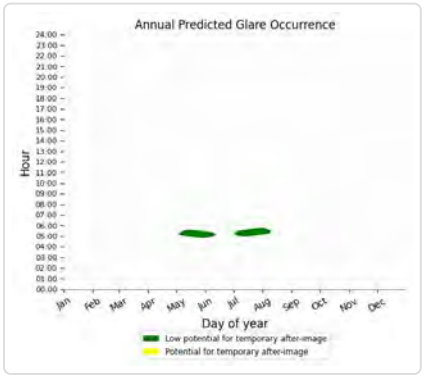
Field D1A-B Array low potential for temporary after-image

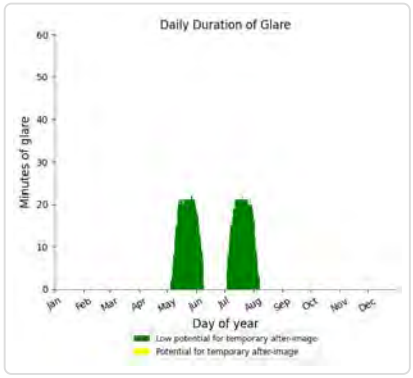
Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	1171	0
FP: Crowland RWY 08	708	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	1134	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

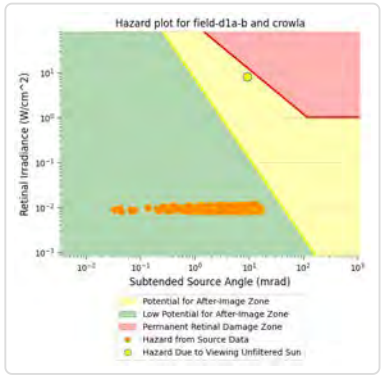
Field D1A-B Array: Crowland RWY 03

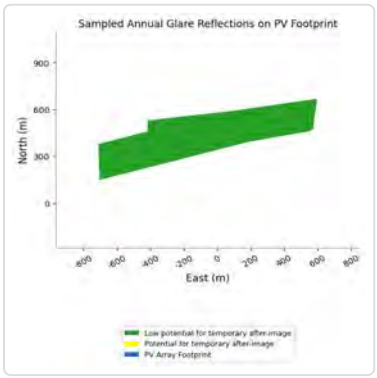
PV array is expected to produce the following glare for this receptor:

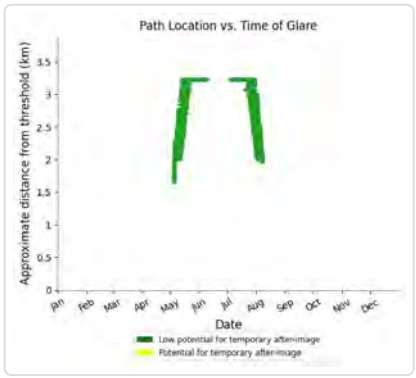
- 1,171 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

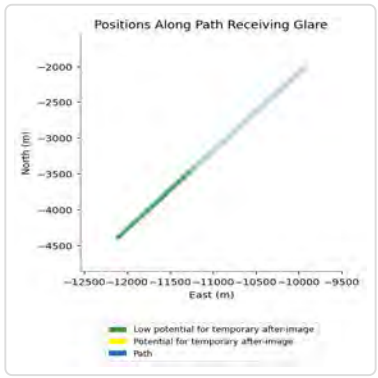








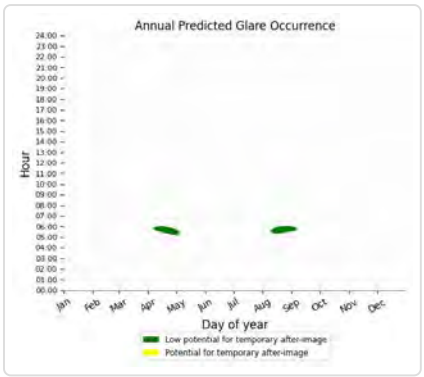


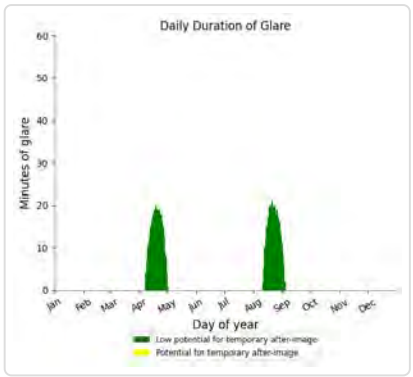


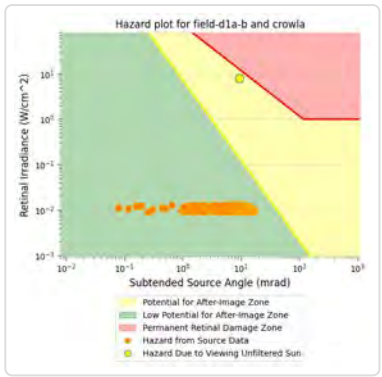
Field D1A-B Array: Crowland RWY 08

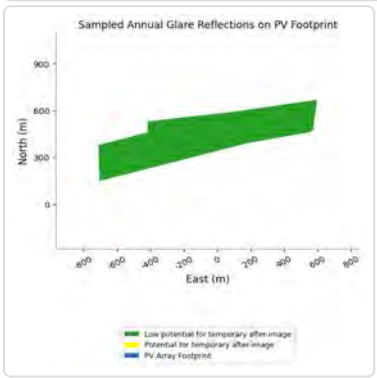
PV array is expected to produce the following glare for this receptor:

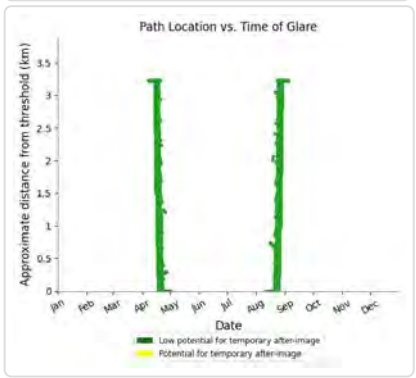
- 708 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

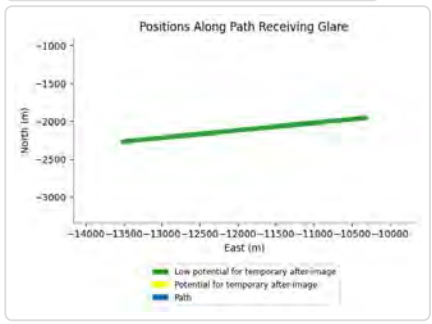












Field D1A-B Array: Crowland RWY 21

No glare found

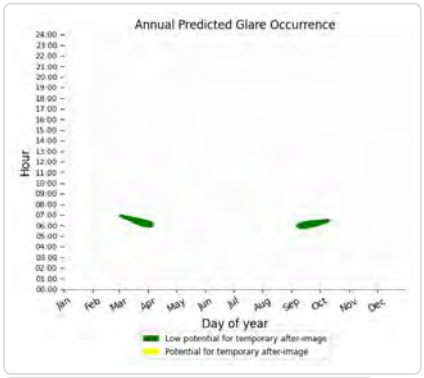
Field D1A-B Array: Crowland RWY 26

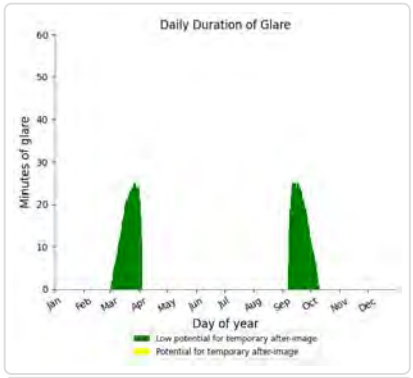
No glare found

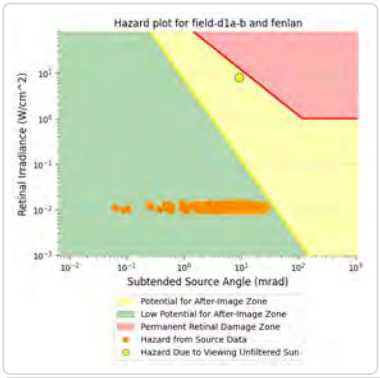
Field D1A-B Array: Fenland RWY 08

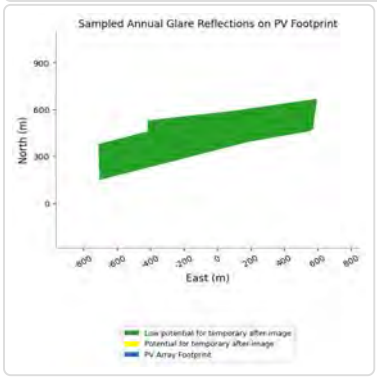
PV array is expected to produce the following glare for this receptor:

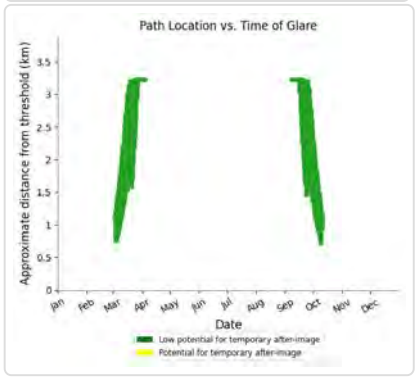
- 1,134 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

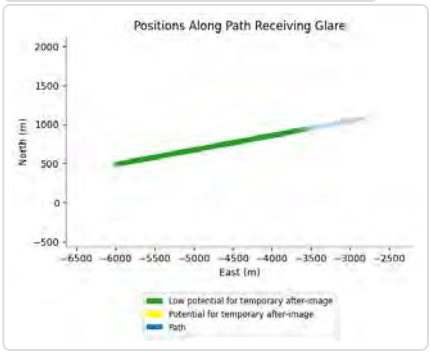












Field D1A-B Array: Fenland RWY 18

No glare found

Field D1A-B Array: Fenland RWY 26

No glare found

Field D1A-B Array: Fenland RWY 36

No glare found

Field D1A-B Array: 1-ATCT

No glare found

Field D1C Array low potential for temporary after-image

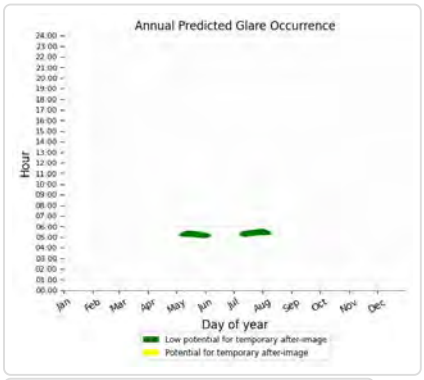
Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	826	0
FP: Crowland RWY 08	684	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	1030	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0

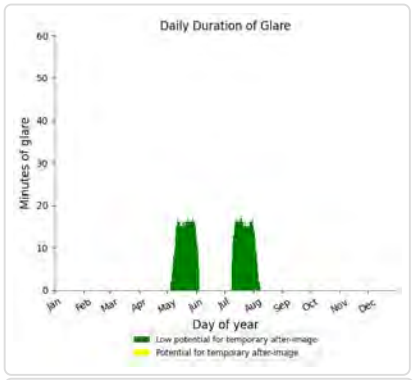
OP: 1-ATCT	0	0

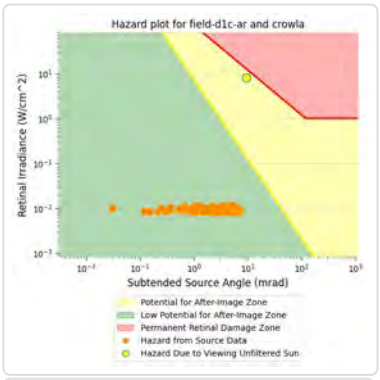
Field D1C Array: Crowland RWY 03

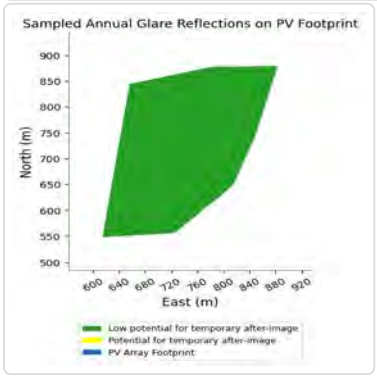
PV array is expected to produce the following glare for this receptor:

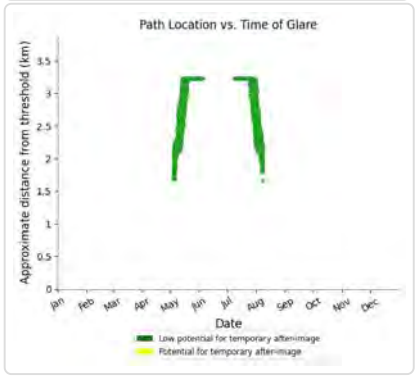
- 826 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

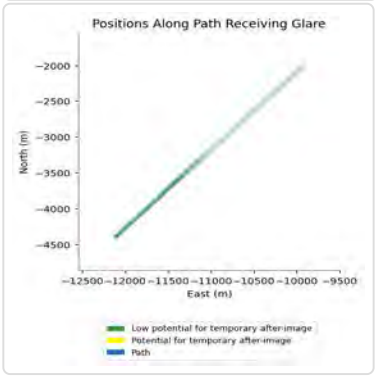








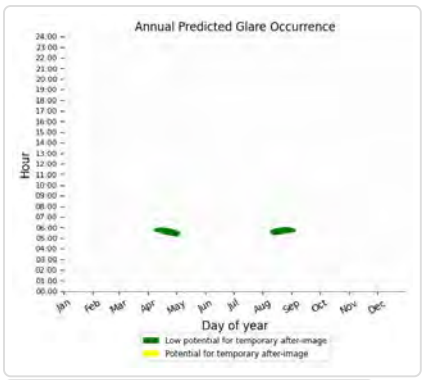


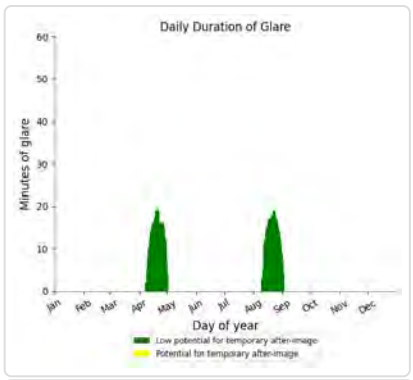


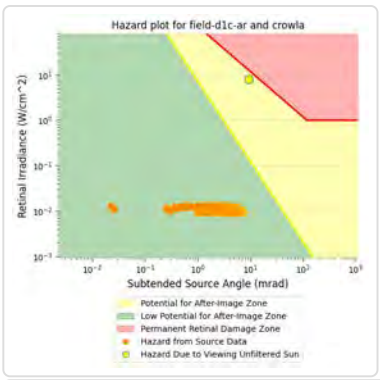
Field D1C Array: Crowland RWY 08

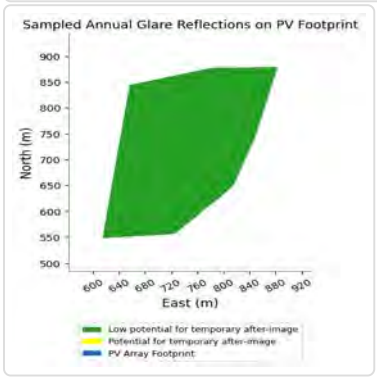
PV array is expected to produce the following glare for this receptor:

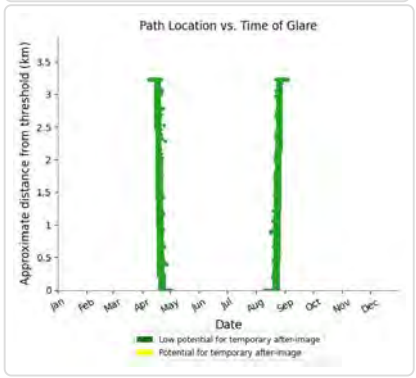
- 684 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

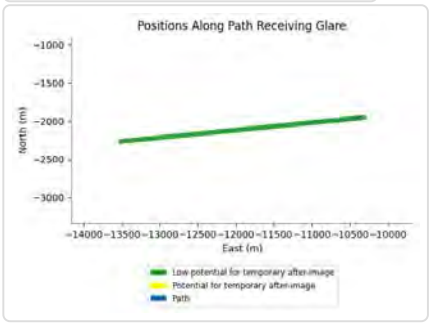












Field D1C Array: Crowland RWY 21

No glare found

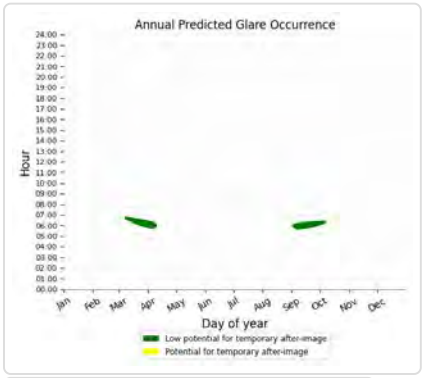
Field D1C Array: Crowland RWY 26

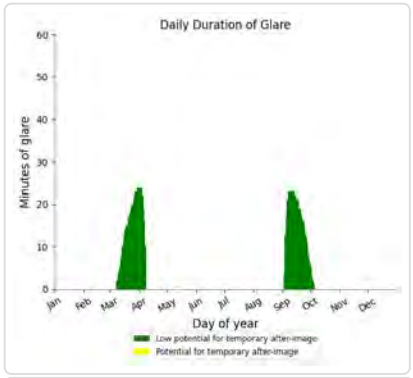
No glare found

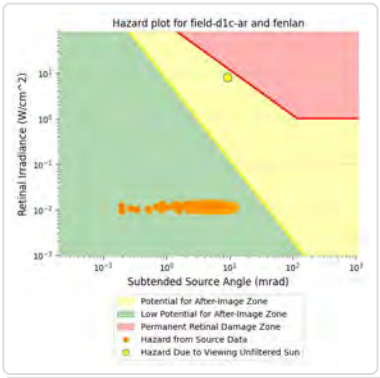
Field D1C Array: Fenland RWY 08

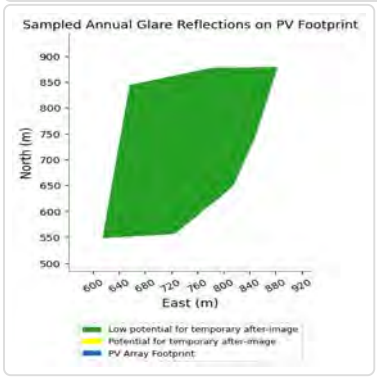
PV array is expected to produce the following glare for this receptor:

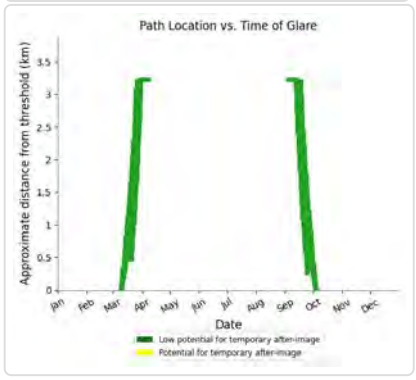
- 1,030 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

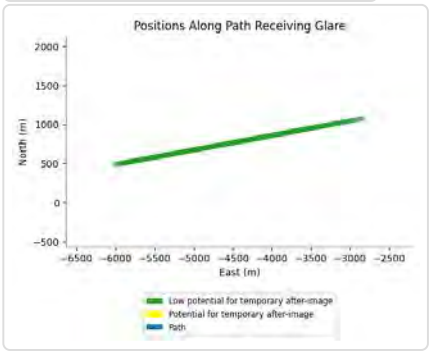












Field D1C Array: Fenland RWY 18

No glare found

Field D1C Array: Fenland RWY 26

No glare found

Field D1C Array: Fenland RWY 36

No glare found

Field D1C Array: 1-ATCT

No glare found

Field D2 Array low potential for temporary after-image

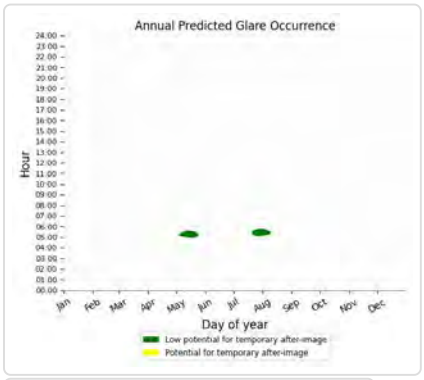
Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	514	0
FP: Crowland RWY 08	772	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	636	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0

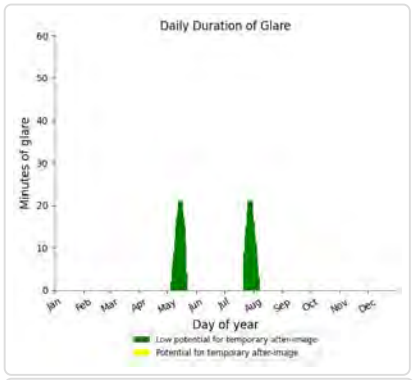
OP: 1-ATCT	0	0

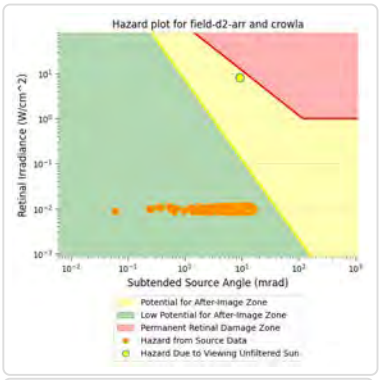
Field D2 Array: Crowland RWY 03

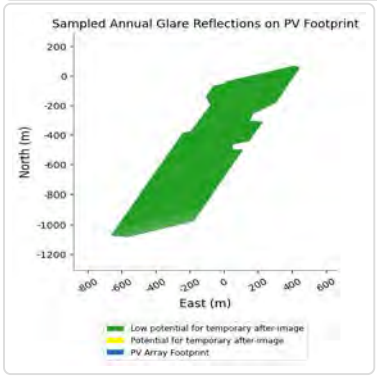
PV array is expected to produce the following glare for this receptor:

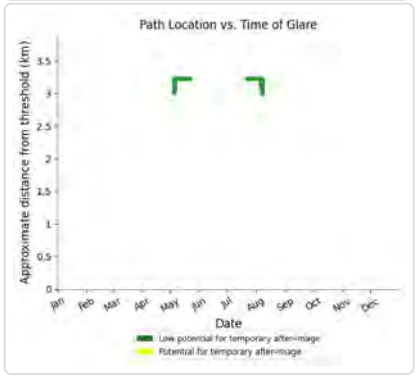
- 514 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

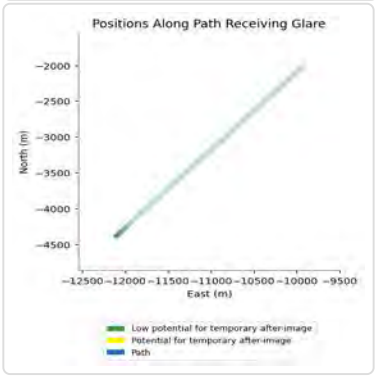








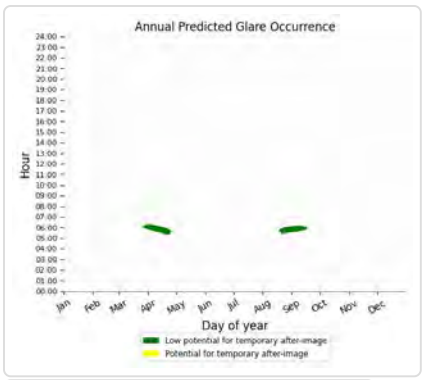


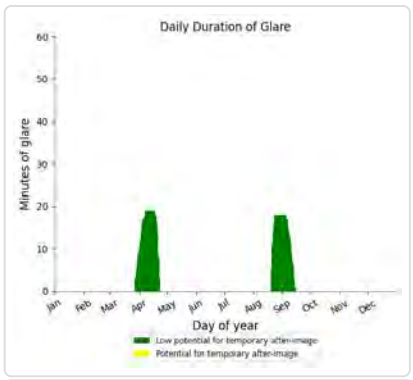


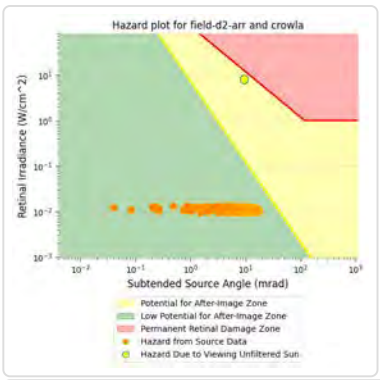
Field D2 Array: Crowland RWY 08

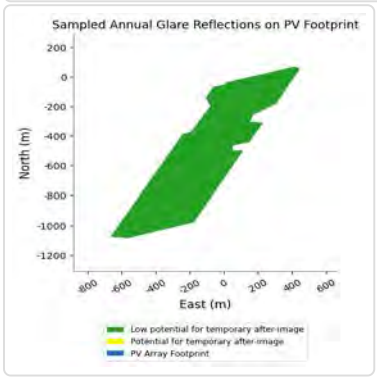
PV array is expected to produce the following glare for this receptor:

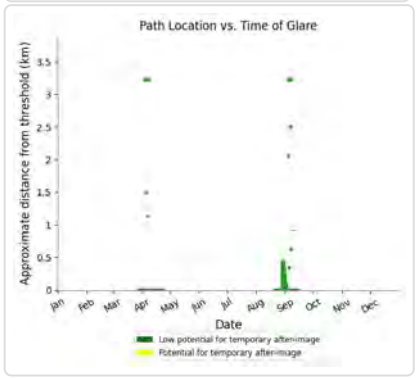
- 772 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

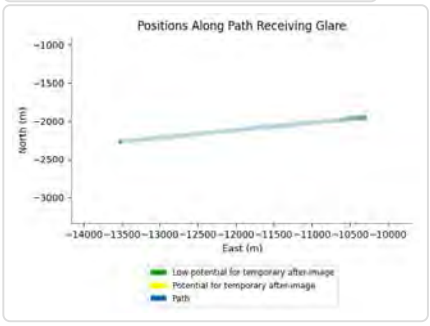












Field D2 Array: Crowland RWY 21

No glare found

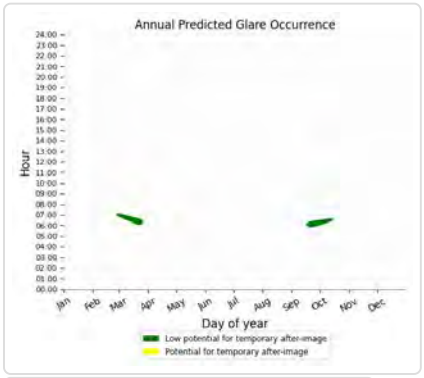
Field D2 Array: Crowland RWY 26

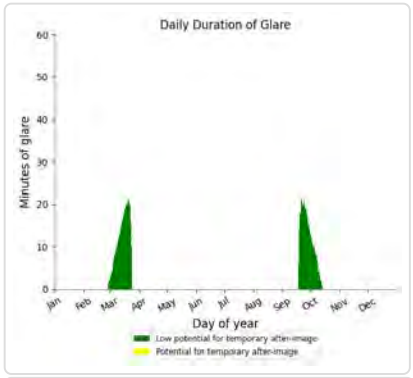
No glare found

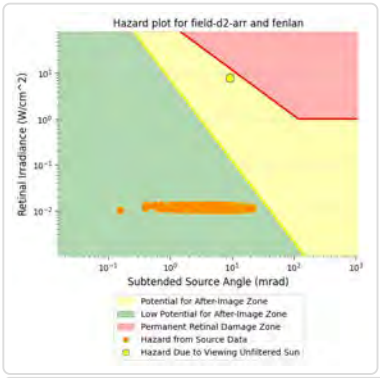
Field D2 Array: Fenland RWY 08

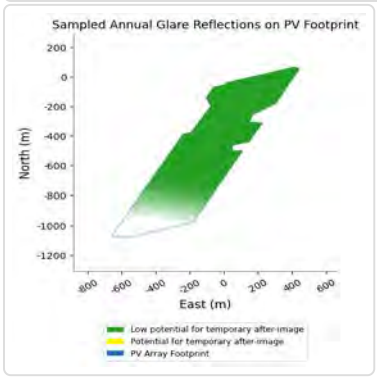
PV array is expected to produce the following glare for this receptor:

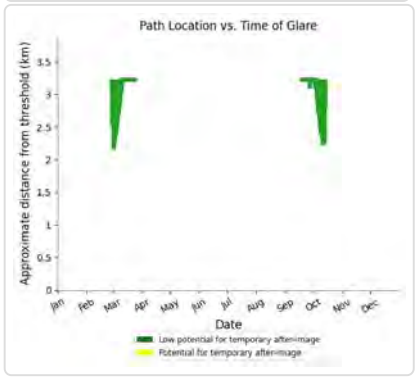
- 636 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

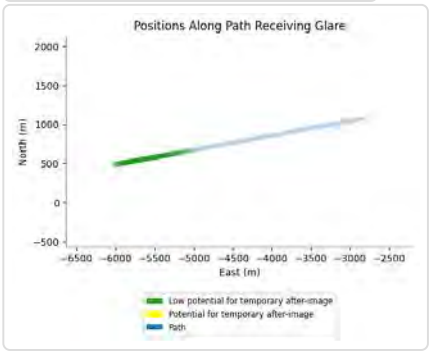












Field D2 Array: Fenland RWY 18

No glare found

Field D2 Array: Fenland RWY 26

No glare found

Field D2 Array: Fenland RWY 36

No glare found

Field D2 Array: 1-ATCT

No glare found

Field D3 Array low potential for temporary after-image

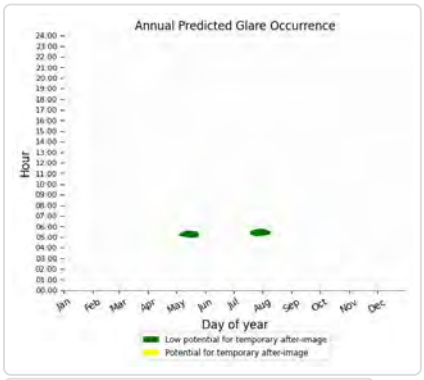
Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	582	0
FP: Crowland RWY 08	1223	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	511	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0

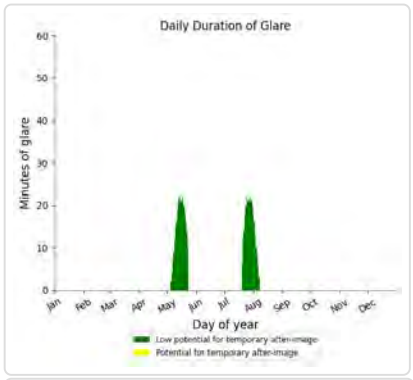
OP: 1-ATCT	0	0

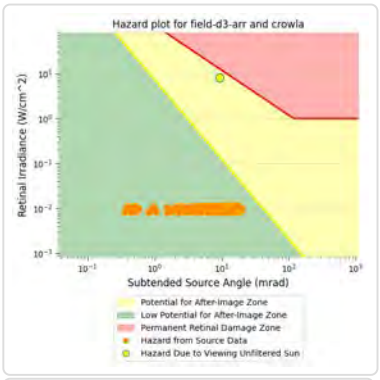
Field D3 Array: Crowland RWY 03

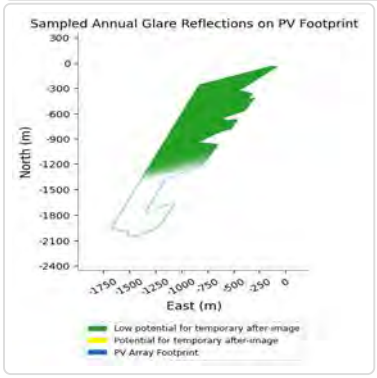
PV array is expected to produce the following glare for this receptor:

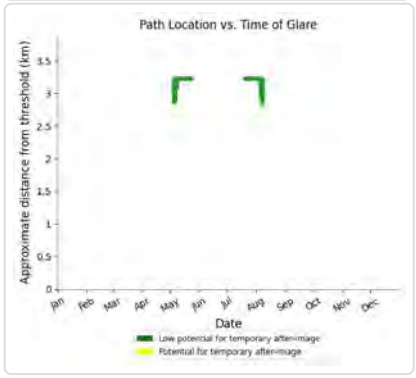
- 582 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

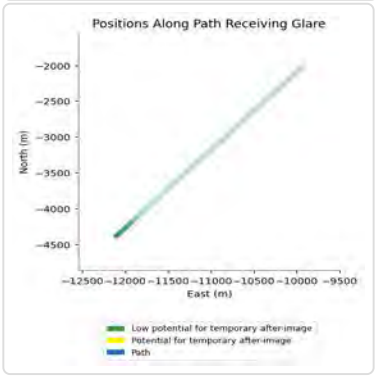








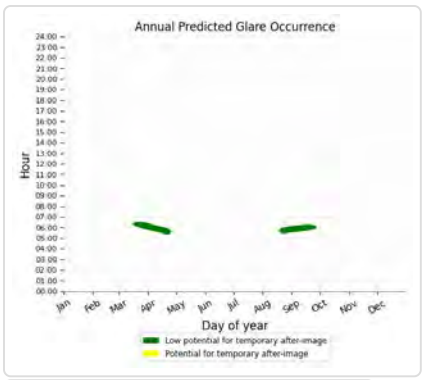


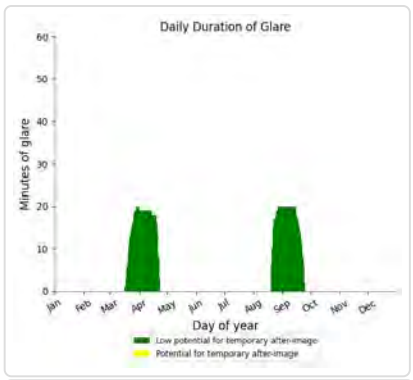


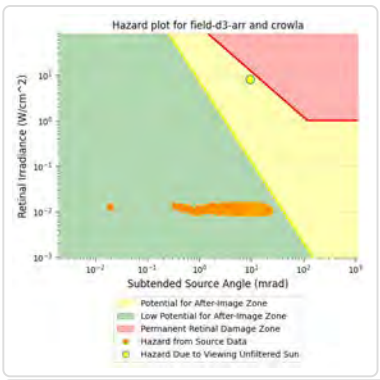
Field D3 Array: Crowland RWY 08

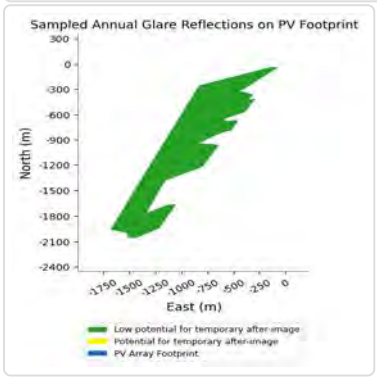
PV array is expected to produce the following glare for this receptor:

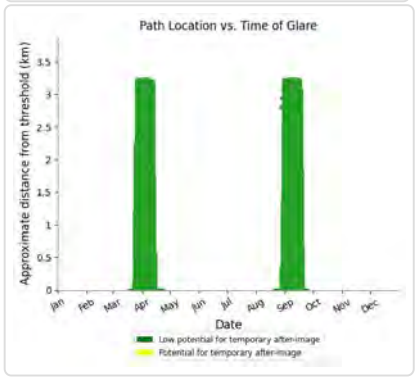
- 1,223 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

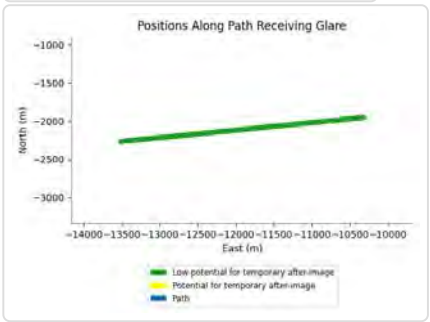












Field D3 Array: Crowland RWY 21

No glare found

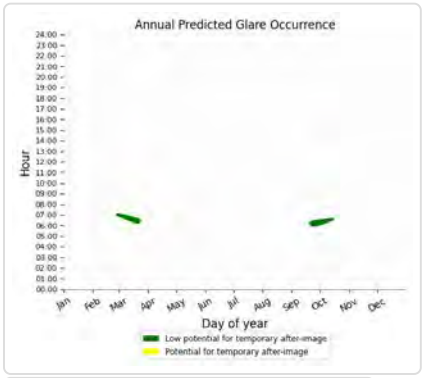
Field D3 Array: Crowland RWY 26

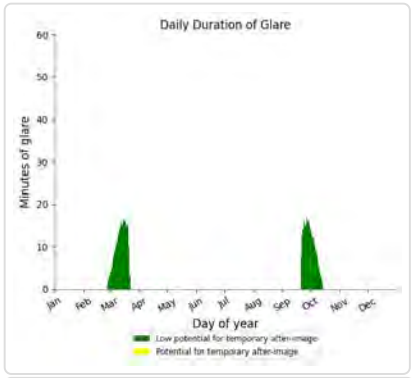
No glare found

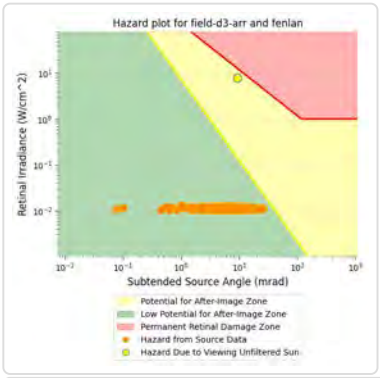
Field D3 Array: Fenland RWY 08

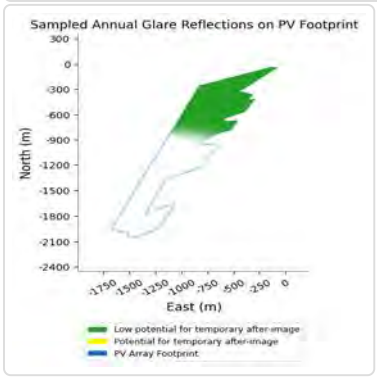
PV array is expected to produce the following glare for this receptor:

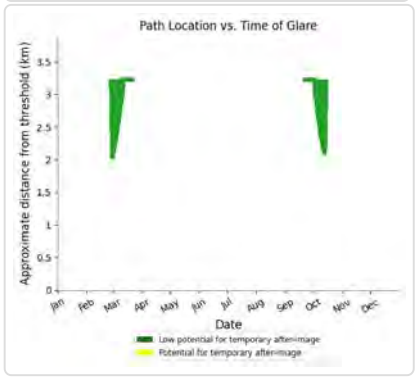
- 511 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

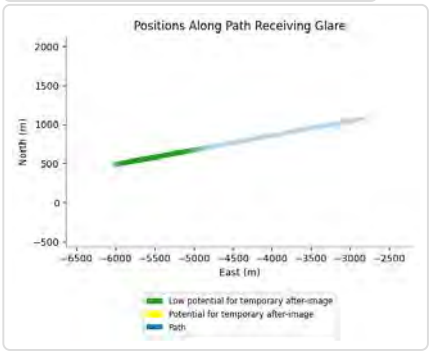












Field D3 Array: Fenland RWY 18

No glare found

Field D3 Array: Fenland RWY 26

No glare found

Field D3 Array: Fenland RWY 36

No glare found

Field D3 Array: 1-ATCT

No glare found

Field D5 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	0	0
FP: Crowland RWY 08	458	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	0	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0

OP: 1-ATCT	0	0

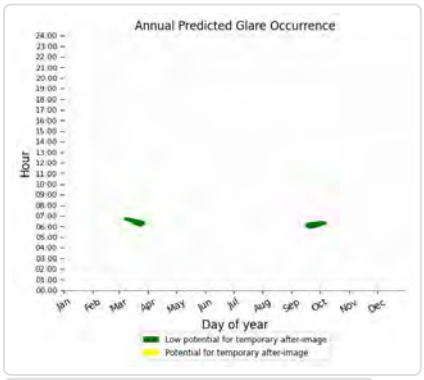
Field D5 Array: Crowland RWY 03

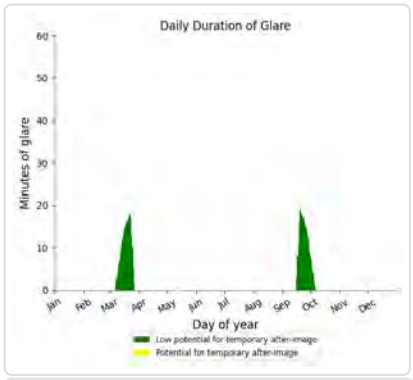
No glare found

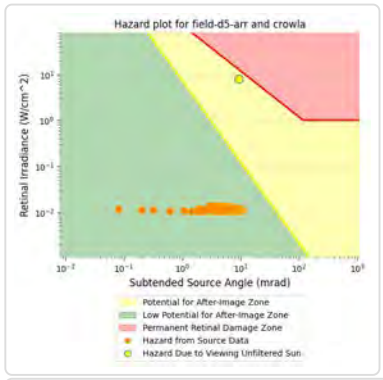
Field D5 Array: Crowland RWY 08

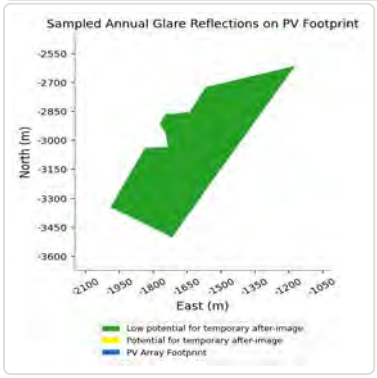
PV array is expected to produce the following glare for this receptor:

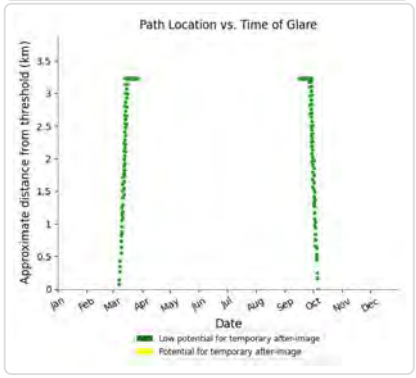
- 458 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

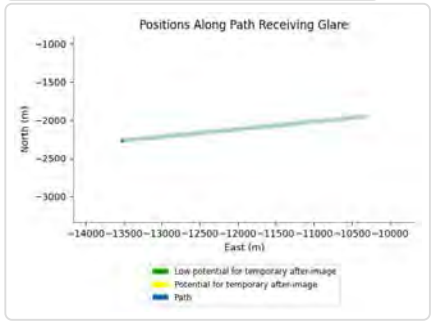












Field D5 Array: Crowland RWY 21

No glare found

Field D5 Array: Crowland RWY 26

No glare found

Field D5 Array: Fenland RWY 08

No glare found

Field D5 Array: Fenland RWY 18

No glare found

Field D5 Array: Fenland RWY 26

No glare found

Field D5 Array: Fenland RWY 36

No glare found

Field D5 Array: 1-ATCT

No glare found

Field D6 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	0	0
FP: Crowland RWY 08	437	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	0	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

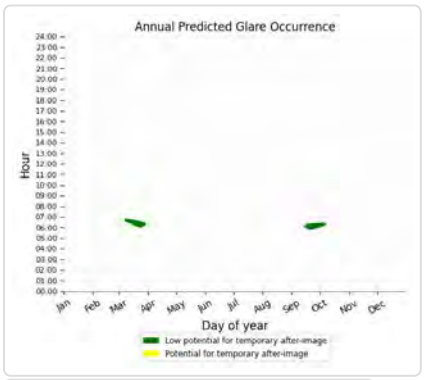
Field D6 Array: Crowland RWY 03

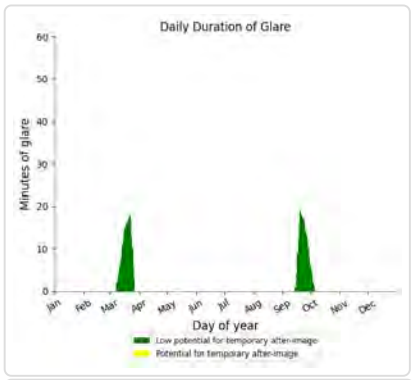
No glare found

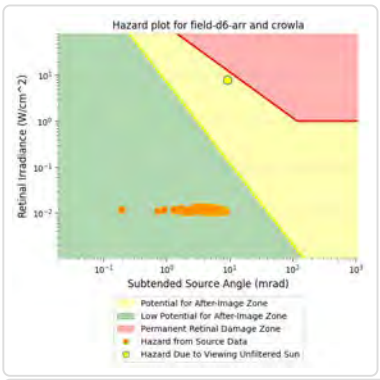
Field D6 Array: Crowland RWY 08

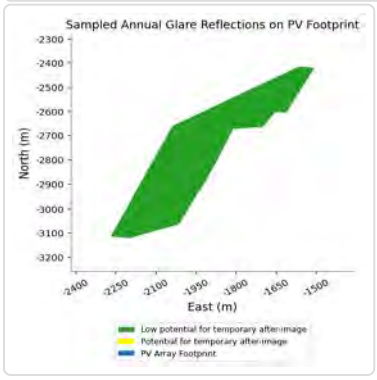
PV array is expected to produce the following glare for this receptor:

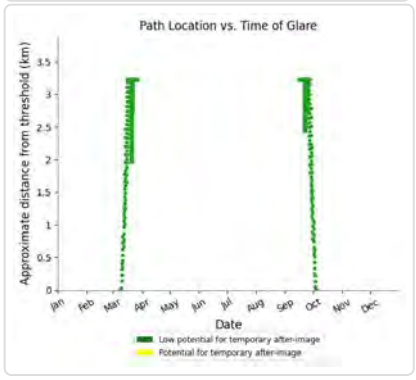
- 437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

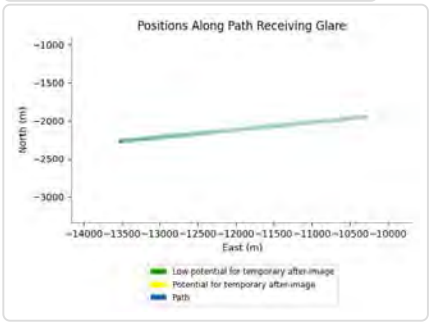












Field D6 Array: Crowland RWY 21

No glare found

Field D6 Array: Crowland RWY 26

No glare found

Field D6 Array: Fenland RWY 08

No glare found

Field D6 Array: Fenland RWY 18

No glare found

Field D6 Array: Fenland RWY 26

No glare found

Field D6 Array: Fenland RWY 36

No glare found

Field D6 Array: 1-ATCT

No glare found

Field D7 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	0	0
FP: Crowland RWY 08	352	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	0	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

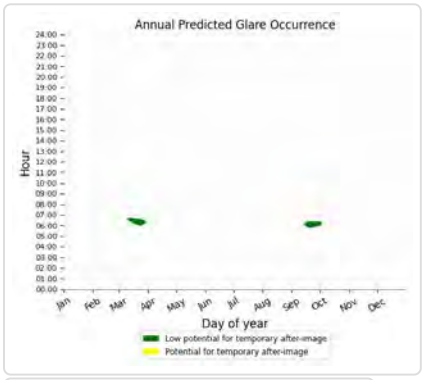
Field D7 Array: Crowland RWY 03

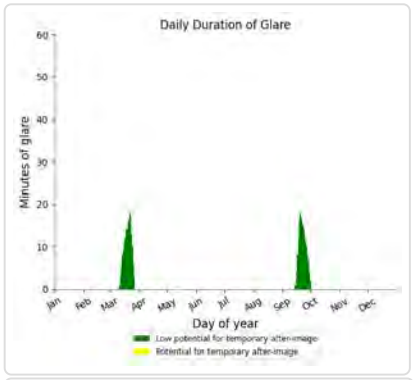
No glare found

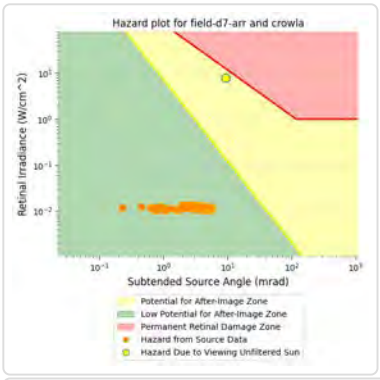
Field D7 Array: Crowland RWY 08

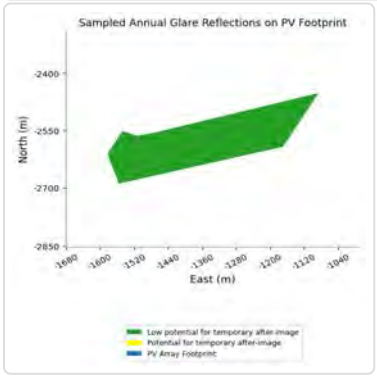
PV array is expected to produce the following glare for this receptor:

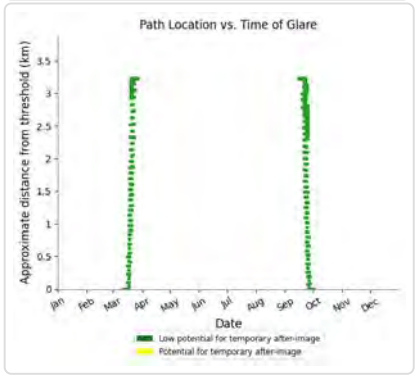
- 352 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

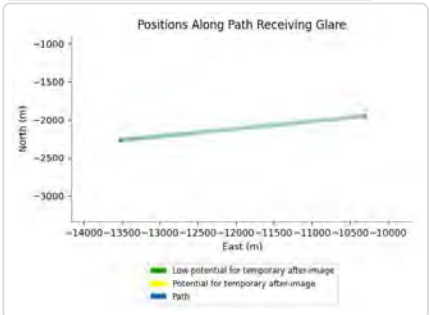












Field D7 Array: Crowland RWY 21

No glare found

Field D7 Array: Crowland RWY 26

No glare found

Field D7 Array: Fenland RWY 08

No glare found

Field D7 Array: Fenland RWY 18

No glare found

Field D7 Array: Fenland RWY 26

No glare found

Field D7 Array: Fenland RWY 36

No glare found

Field D7 Array: 1-ATCT

No glare found

Field D8 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	0	0
FP: Crowland RWY 08	601	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	0	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

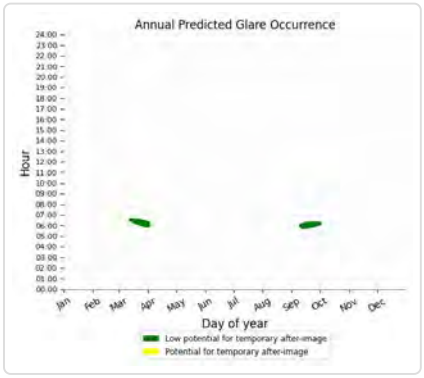
Field D8 Array: Crowland RWY 03

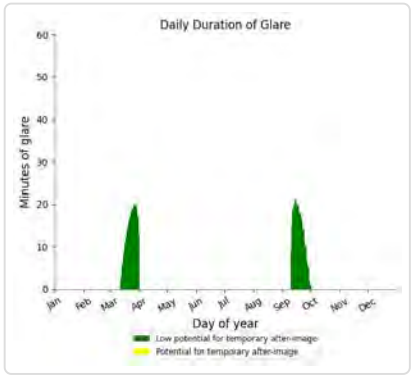
No glare found

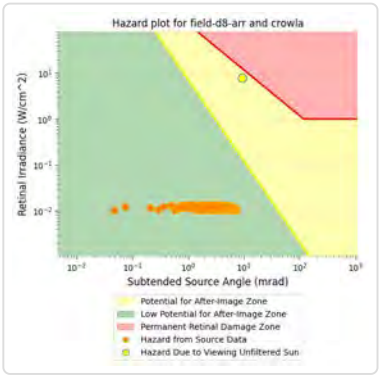
Field D8 Array: Crowland RWY 08

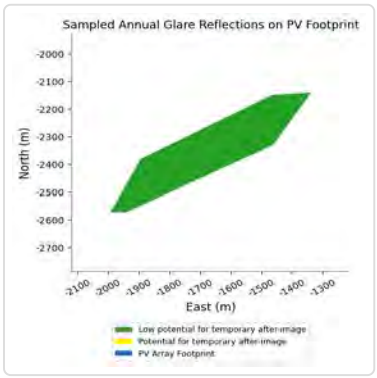
PV array is expected to produce the following glare for this receptor:

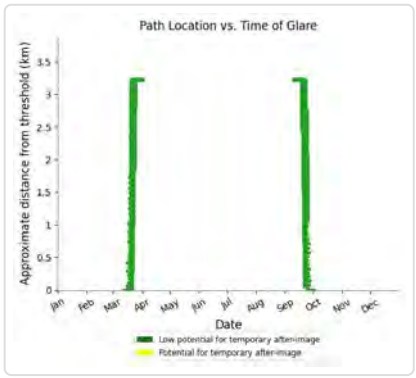
- 601 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

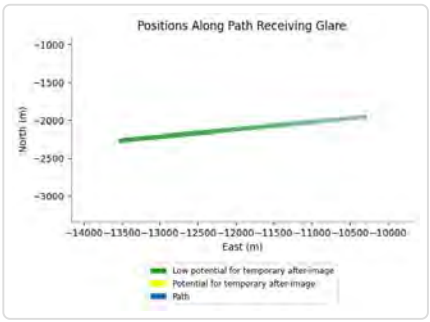












Field D8 Array: Crowland RWY 21

No glare found

Field D8 Array: Crowland RWY 26

No glare found

Field D8 Array: Fenland RWY 08

No glare found

Field D8 Array: Fenland RWY 18

No glare found

Field D8 Array: Fenland RWY 26

No glare found

Field D8 Array: Fenland RWY 36

No glare found

Field D8 Array: 1-ATCT

No glare found

Field D9 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	0	0

FP: Crowland RWY 08	470	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	0	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

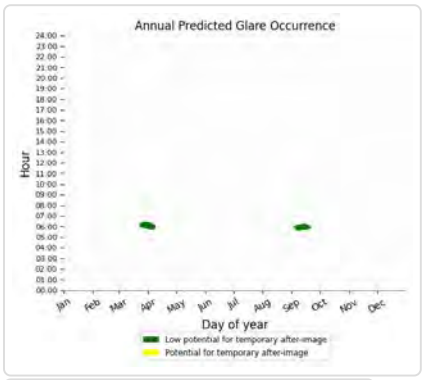
Field D9 Array: Crowland RWY 03

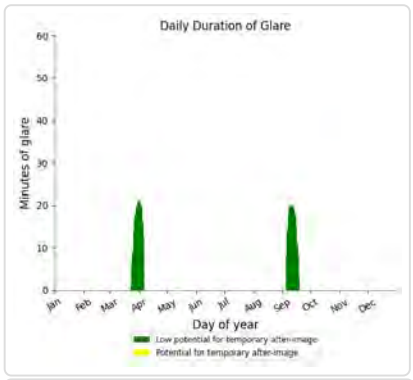
No glare found

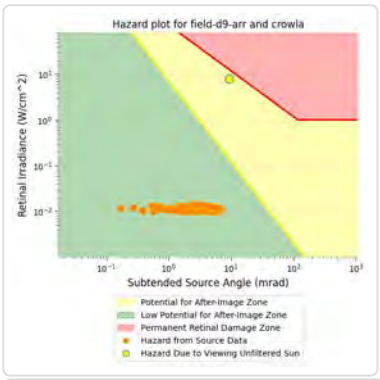
Field D9 Array: Crowland RWY 08

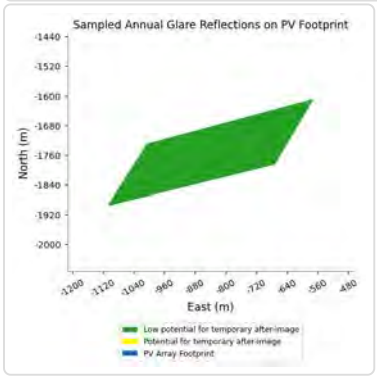
PV array is expected to produce the following glare for this receptor:

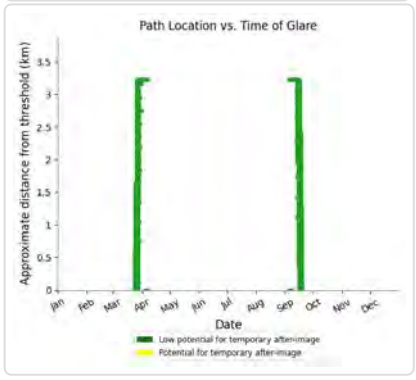
- 470 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

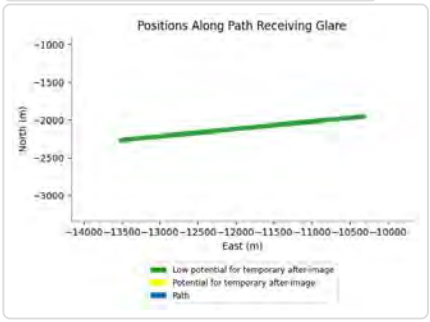












Field D9 Array: Crowland RWY 21

No glare found

Field D9 Array: Crowland RWY 26

No glare found

Field D9 Array: Fenland RWY 08

No glare found

Field D9 Array: Fenland RWY 18

No glare found

Field D9 Array: Fenland RWY 26

No glare found

Field D9 Array: Fenland RWY 36

No glare found

Field D9 Array: 1-ATCT

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

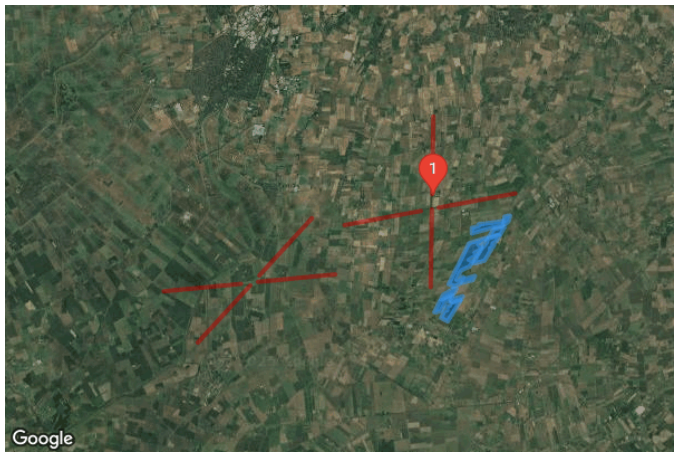
Annex M: Aviation Receptor Glare Results East 25 Degrees

Meridian Solar Farm East

Meridian East Aviation 25 Degrees

Created Aug 22, 2025
Updated Aug 22, 2025
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 157787.25542

Project type Advanced
Project status: active
Category 10 MW to 100 MW



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with low potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
Field D10 Array	25.0	180.0	2,034	0	-
Field D1A-B Array	25.0	180.0	2,658	0	-
Field D1C Array	25.0	180.0	2,480	0	-
Field D2 Array	25.0	180.0	1,676	0	-
Field D3 Array	25.0	180.0	2,212	0	-
Field D5 Array	25.0	180.0	146	0	-
Field D6 Array	25.0	180.0	154	0	-
Field D7 Array	25.0	180.0	147	0	-
Field D8 Array	25.0	180.0	433	0	-
Field D9 Array	25.0	180.0	471	0	-

Component Data

PV Array(s)

Total PV footprint area: 2,349,416 m^2

Name: Field D10 Array
Footprint area: 136,922 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.726260	0.005110	1.64	4.30	5.94
2	52.726280	0.006190	1.44	4.30	5.74
3	52.727290	0.012200	0.92	4.30	5.22
4	52.729990	0.014980	1.57	4.30	5.87
5	52.729970	0.013600	1.82	4.30	6.12
6	52.729290	0.008210	1.63	4.30	5.93

Name: Field D1A-B Array
Footprint area: 296,856 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.727600	-0.005290	1.92	4.30	6.22
2	52.729630	-0.005350	1.51	4.30	5.81
3	52.730360	-0.001020	0.94	4.30	5.24
4	52.730990	-0.001000	1.47	4.30	5.77
5	52.731550	0.006660	1.44	4.30	5.74
6	52.732230	0.013900	1.42	4.30	5.72
7	52.730550	0.013560	1.47	4.30	5.77
8	52.730410	0.013290	1.61	4.30	5.91
9	52.729790	0.007850	1.88	4.30	6.18

Name: Field D1C Array
Footprint area: 58,701 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.733840	0.014830	1.32	4.30	5.62
2	52.731200	0.014220	1.55	4.30	5.85
3	52.731270	0.015840	2.36	4.30	6.66
4	52.732100	0.017170	1.52	4.30	5.82
5	52.732920	0.017650	1.88	4.30	6.18
6	52.734150	0.018170	1.76	4.30	6.06
7	52.734140	0.016690	0.96	4.30	5.26

Name: Field D2 Array
Footprint area: 417,808 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.716600	-0.004640	1.85	4.30	6.15
2	52.716530	-0.003130	2.07	4.30	6.37
3	52.717480	0.002490	0.47	4.30	4.77
4	52.721760	0.006720	2.04	4.30	6.34
5	52.721760	0.005890	1.47	4.30	5.77
6	52.722100	0.005820	1.64	4.30	5.94
7	52.722300	0.007260	2.17	4.30	6.47
8	52.723460	0.008450	2.13	4.30	6.43
9	52.723520	0.007330	1.58	4.30	5.88
10	52.723970	0.007610	1.68	4.30	5.98
11	52.724640	0.009600	1.92	4.30	6.22
12	52.726800	0.011690	2.14	4.30	6.44
13	52.726820	0.011030	1.29	4.30	5.59
14	52.725900	0.005340	1.98	4.30	6.28
15	52.725750	0.005170	1.87	4.30	6.17
16	52.725640	0.004230	1.65	4.30	5.95
17	52.724970	0.003600	1.82	4.30	6.12
18	52.724490	0.004010	1.22	4.30	5.52
19	52.722900	0.002300	1.46	4.30	5.76
20	52.722760	0.001580	1.67	4.30	5.97

Name: Field D3 Array
Footprint area: 812,141 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.708690	-0.019660	1.33	4.30	5.63
2	52.708320	-0.017290	1.31	4.30	5.61
3	52.707810	-0.017190	0.84	4.30	5.14
4	52.707810	-0.016140	1.02	4.30	5.32
5	52.708830	-0.012890	1.50	4.30	5.80
6	52.711330	-0.010550	1.27	4.30	5.57
7	52.711270	-0.011560	0.92	4.30	5.21
8	52.710310	-0.014860	1.44	4.30	5.74
9	52.713850	-0.012010	0.89	4.30	5.19
10	52.715300	-0.006750	1.40	4.30	5.70
11	52.717590	-0.004450	1.52	4.30	5.82
12	52.717760	-0.007330	1.08	4.30	5.38
13	52.718700	-0.004800	1.86	4.30	6.17
14	52.719110	-0.003330	1.64	4.30	5.94
15	52.719080	-0.002780	1.61	4.30	5.91
16	52.720180	-0.001690	1.89	4.30	6.18
17	52.720130	-0.003470	2.02	4.30	6.31
18	52.720400	-0.003690	2.23	4.30	6.53
19	52.721150	-0.000710	1.48	4.30	5.78
20	52.722490	0.000690	1.20	4.30	5.50
21	52.722440	-0.000180	1.29	4.30	5.59
22	52.722960	0.000420	1.30	4.30	5.60
23	52.723330	-0.001430	1.30	4.30	5.60
24	52.725850	0.003880	1.15	4.30	5.45
25	52.725840	0.002920	1.20	4.30	5.50
26	52.723910	-0.007100	1.31	4.30	5.61

Name: Field D5 Array
Footprint area: 268,446 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.694820	-0.020290	1.77	4.30	6.07
2	52.702730	-0.012300	2.61	4.30	6.91
3	52.702470	-0.013810	2.45	4.30	6.75
4	52.701760	-0.018050	1.99	4.30	6.29
5	52.700580	-0.019110	1.48	4.30	5.78
6	52.700490	-0.020690	2.31	4.30	6.61
7	52.700070	-0.021060	1.99	4.30	6.29
8	52.699610	-0.020660	2.06	4.30	6.36
9	52.698980	-0.020530	2.35	4.30	6.64
10	52.698900	-0.022040	1.89	4.30	6.19
11	52.696200	-0.024270	0.91	4.30	5.21

Name: Field D6 Array
Footprint area: 153,077 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.700890	-0.022750	2.61	4.30	6.91
2	52.702250	-0.021710	2.42	4.30	6.72
3	52.702340	-0.020040	2.48	4.30	6.78
4	52.702890	-0.019360	1.49	4.30	5.79
5	52.702860	-0.018760	1.63	4.30	5.93
6	52.704510	-0.017210	1.88	4.30	6.18
7	52.704520	-0.018110	1.97	4.30	6.27
8	52.702340	-0.025020	2.45	4.30	6.75
9	52.698280	-0.028430	1.69	4.30	5.99
10	52.698230	-0.027390	1.77	4.30	6.07
11	52.698740	-0.024700	1.87	4.30	6.17
12	52.699810	-0.023740	1.91	4.30	6.21
13	52.700050	-0.023450	1.88	4.30	6.18

Name: Field D7 Array
Footprint area: 50,242 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.702110	-0.017910	2.45	4.30	6.75
2	52.702800	-0.018300	1.02	4.30	5.32
3	52.703320	-0.017780	0.77	4.30	5.07
4	52.703210	-0.017260	0.95	4.30	5.25
5	52.703300	-0.016590	1.08	4.30	5.38
6	52.704210	-0.010990	2.29	4.30	6.58
7	52.702970	-0.012210	2.23	4.30	6.54

Name: Field D8 Array
Footprint area: 93,322 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

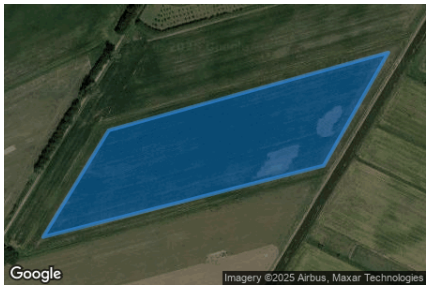
Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.703150	-0.024330	1.81	4.30	6.11
2	52.703160	-0.023580	1.61	4.30	5.91
3	52.705330	-0.016540	2.05	4.30	6.35
4	52.707010	-0.014740	1.57	4.30	5.87
5	52.706940	-0.016560	1.62	4.30	5.92
6	52.704850	-0.022890	1.30	4.30	5.60

Name: Field D9 Array
Footprint area: 61,899 m^2
Axis tracking: Fixed (no rotation)
Tilt: 25.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	52.709230	-0.011260	1.62	4.30	5.92
2	52.710710	-0.009760	1.07	4.30	5.38
3	52.711790	-0.003360	1.62	4.30	5.92
4	52.710220	-0.004840	1.86	4.30	6.16

2-Mile Flight Path Receptor(s)

Name: Crowland RWY 03
Description:
Threshold height : 15 m
Direction: 42.6 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.708232	-0.141796	1.06	15.24	16.30
2-mile point	52.686949	-0.174135	3.01	181.98	184.99



Name: Crowland RWY 08
Description:
Threshold height : 15 m
Direction: 84.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.708817	-0.147461	1.29	15.24	16.53
2-mile point	52.706045	-0.195018	1.05	184.17	185.22



Name: Crowland RWY 21
Description:
Threshold height : 15 m
Direction: 222.6 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.711963	-0.136174	1.36	15.24	16.60
2-mile point	52.733245	-0.103833	2.66	182.63	185.28



Name: Crowland RWY 26
Description:
Threshold height : 15 m
Direction: 264.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.709571	-0.137033	1.11	15.24	16.35
2-mile point	52.712342	-0.089475	1.52	183.51	185.04



Name: Fenland RWY 08
Description:
Threshold height : 15 m
Direction: 79.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.735941	-0.036712	1.83	15.24	17.07
2-mile point	52.730672	-0.083718	3.51	182.25	185.76



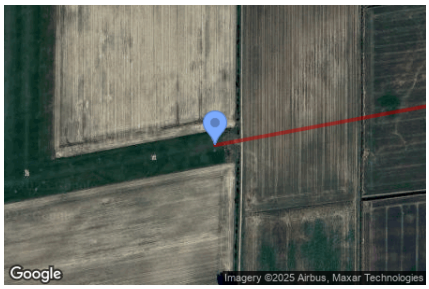
Name: Fenland RWY 18
Description:
Threshold height : 15 m
Direction: 180.9 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.742156	-0.029790	2.20	15.24	17.44
2-mile point	52.771065	-0.029039	2.82	183.31	186.13



Name: Fenland RWY 26
Description:
Threshold height : 15 m
Direction: 259.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.737178	-0.025652	2.31	15.24	17.55
2-mile point	52.742447	0.021356	2.98	183.25	186.23



Name: Fenland RWY 36
Description:
Threshold height : 15 m
Direction: 0.9 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 25.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	52.736526	-0.029969	1.85	15.24	17.09
2-mile point	52.707617	-0.030720	1.82	183.96	185.78



Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
1-ATCT	52.741903	-0.028840	3.91	5.00	8.91

1-ATCT map image



Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
Field D10 Array	25.0	180.0	2,034	0	-	-
Field D1A-B Array	25.0	180.0	2,658	0	-	-
Field D1C Array	25.0	180.0	2,480	0	-	-
Field D2 Array	25.0	180.0	1,676	0	-	-
Field D3 Array	25.0	180.0	2,212	0	-	-
Field D5 Array	25.0	180.0	146	0	-	-
Field D6 Array	25.0	180.0	154	0	-	-
Field D7 Array	25.0	180.0	147	0	-	-
Field D8 Array	25.0	180.0	433	0	-	-
Field D9 Array	25.0	180.0	471	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
field-d10-ar (green)	0	0	108	325	269	450	445	282	155	0	0	0
field-d10-ar (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d1a-b (green)	0	0	296	352	324	526	460	358	342	0	0	0
field-d1a-b (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d1c-ar (green)	0	0	263	399	308	382	386	353	389	0	0	0
field-d1c-ar (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d2-arr (green)	0	0	100	354	262	125	385	207	243	0	0	0
field-d2-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d3-arr (green)	0	0	212	388	272	313	423	214	388	0	0	0
field-d3-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d5-arr (green)	0	0	76	0	0	0	0	0	70	0	0	0
field-d5-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d6-arr (green)	0	0	80	0	0	0	0	0	74	0	0	0
field-d6-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d7-arr (green)	0	0	76	0	0	0	0	0	71	0	0	0
field-d7-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d8-arr (green)	0	0	212	4	0	0	0	0	217	0	0	0
field-d8-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
field-d9-arr (green)	0	0	149	81	0	0	0	0	241	0	0	0
field-d9-arr (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

Field D10 Array low potential for temporary after-image

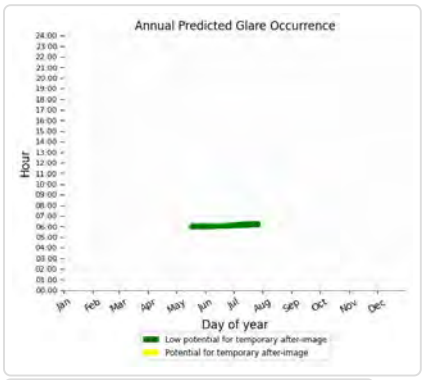
Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	1157	0

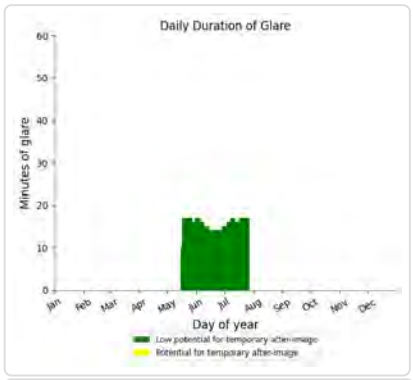
FP: Crowland RWY 08	665	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	212	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

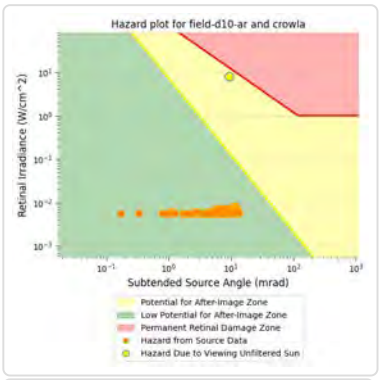
Field D10 Array: Crowland RWY 03

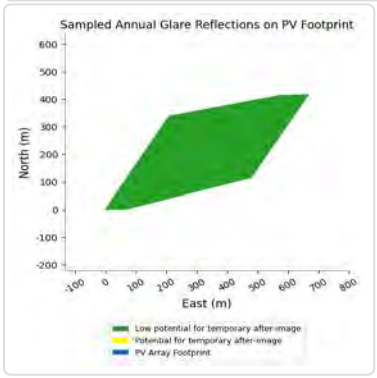
PV array is expected to produce the following glare for this receptor:

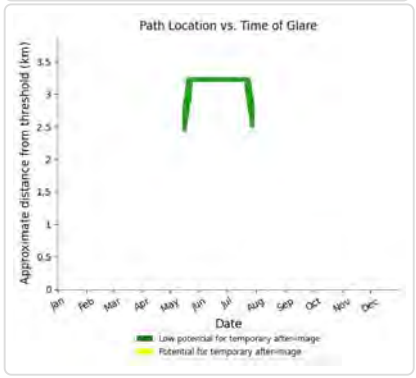
- 1,157 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

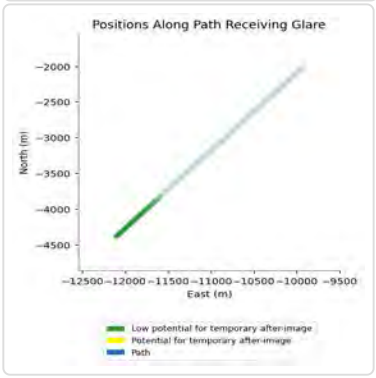








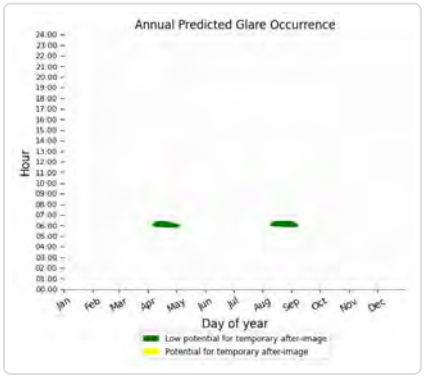


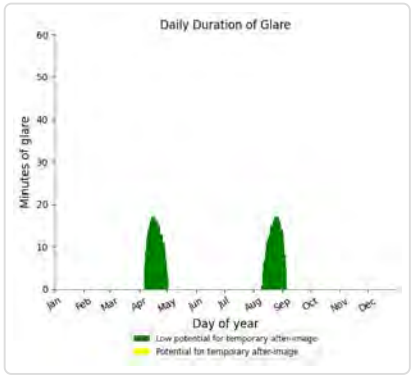


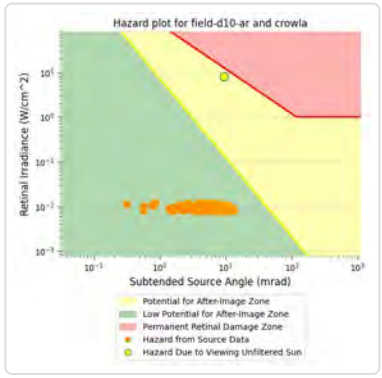
Field D10 Array: Crowland RWY 08

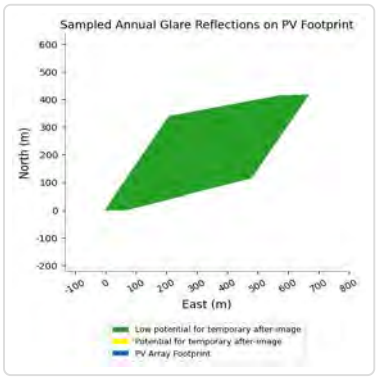
PV array is expected to produce the following glare for this receptor:

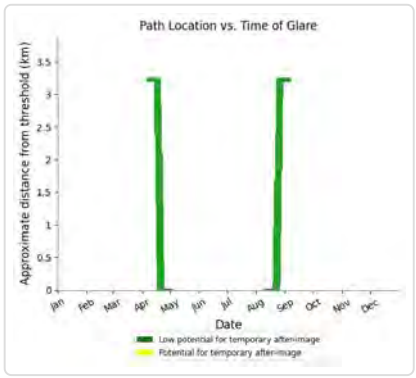
- 665 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

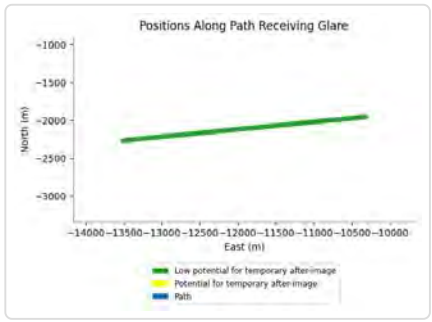












Field D10 Array: Crowland RWY 21

No glare found

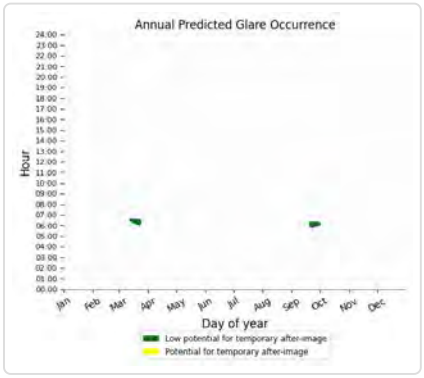
Field D10 Array: Crowland RWY 26

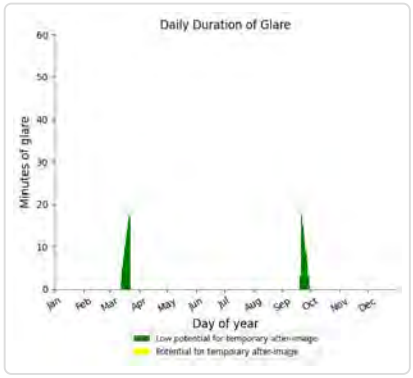
No glare found

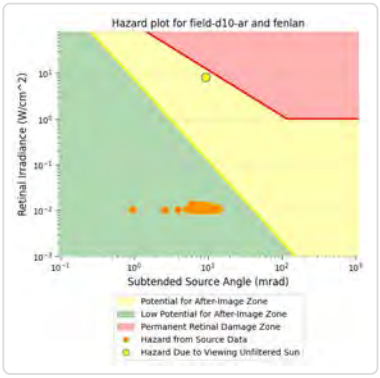
Field D10 Array: Fenland RWY 08

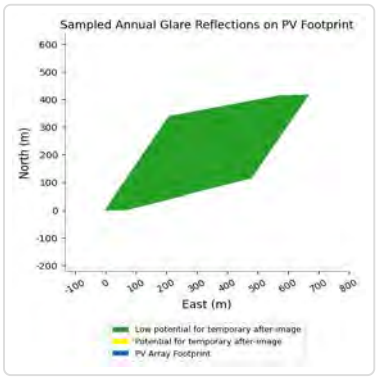
PV array is expected to produce the following glare for this receptor:

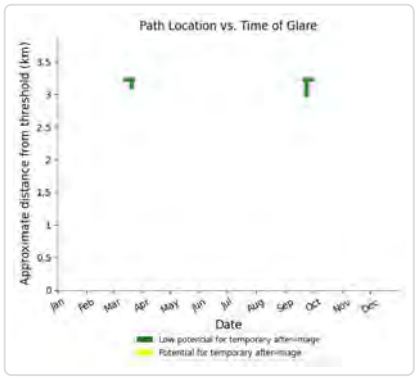
- 212 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

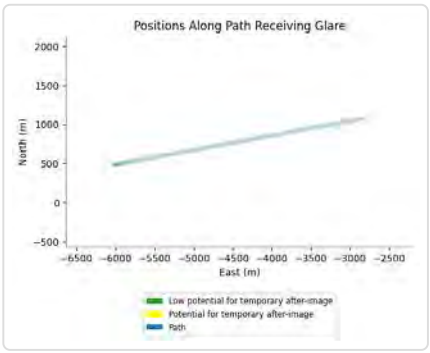












Field D10 Array: Fenland RWY 18

No glare found

Field D10 Array: Fenland RWY 26

No glare found

Field D10 Array: Fenland RWY 36

No glare found

Field D10 Array: 1-ATCT

No glare found

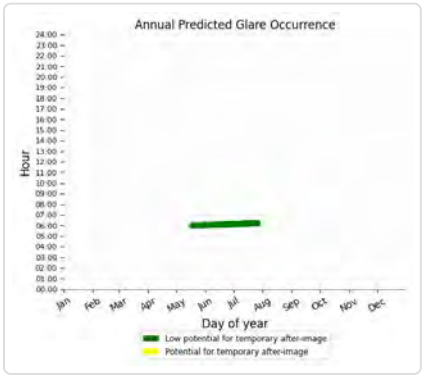
Field D1A-B Array low potential for temporary after-image

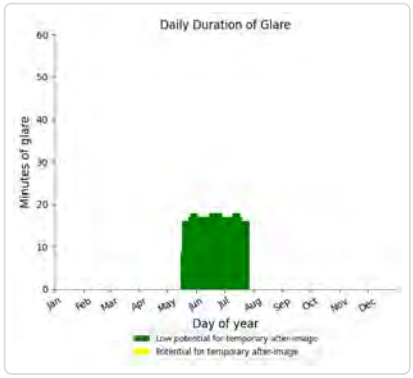
Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	1249	0
FP: Crowland RWY 08	742	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	667	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

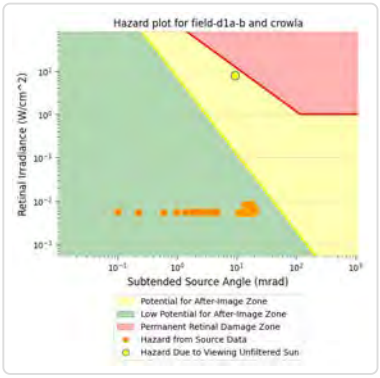
Field D1A-B Array: Crowland RWY 03

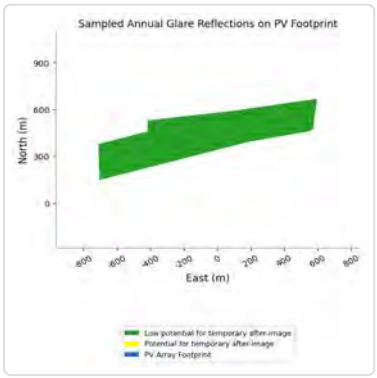
PV array is expected to produce the following glare for this receptor:

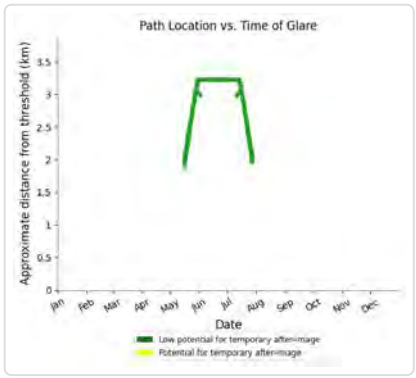
- 1,249 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

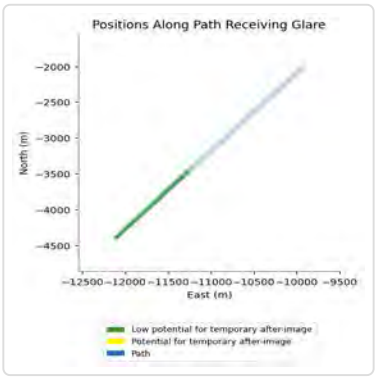








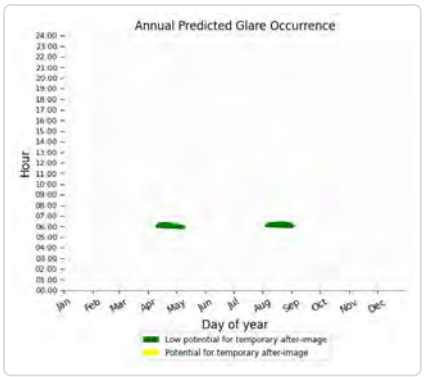


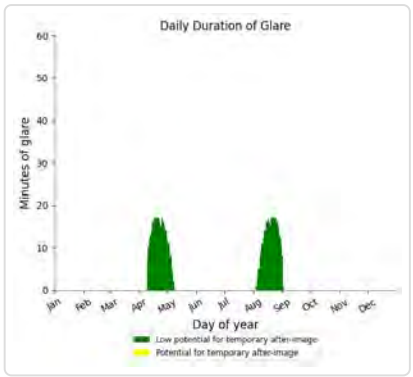


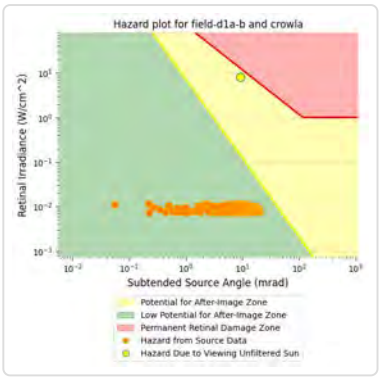
Field D1A-B Array: Crowland RWY 08

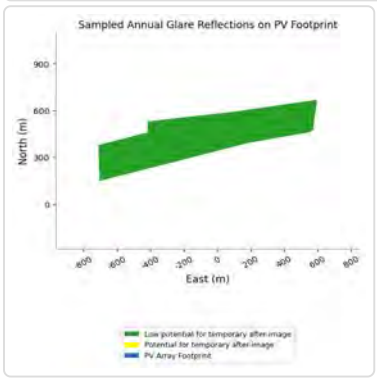
PV array is expected to produce the following glare for this receptor:

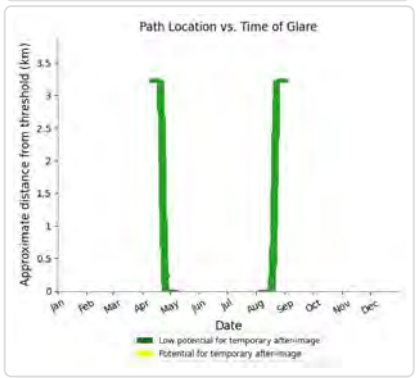
- 742 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

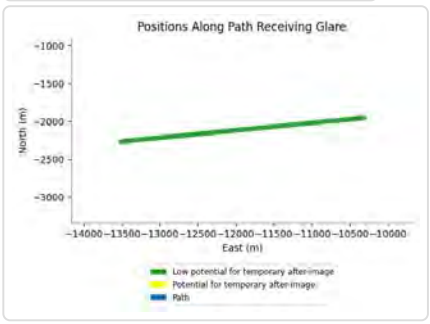












Field D1A-B Array: Crowland RWY 21

No glare found

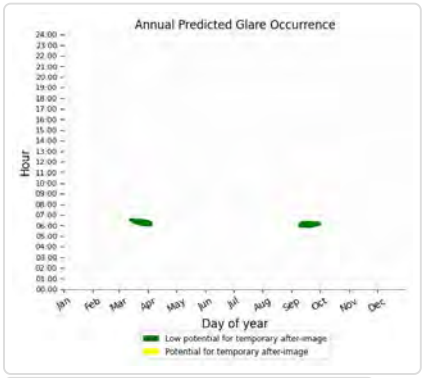
Field D1A-B Array: Crowland RWY 26

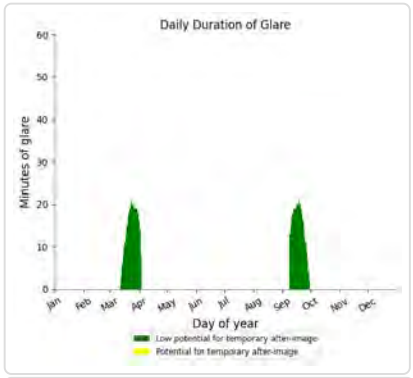
No glare found

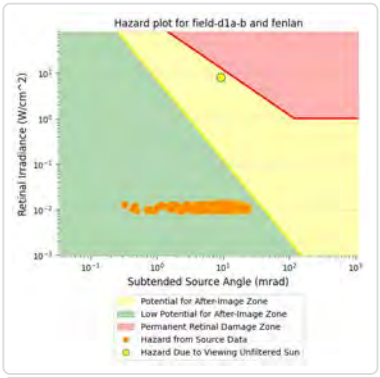
Field D1A-B Array: Fenland RWY 08

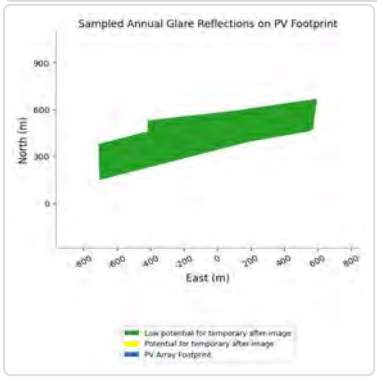
PV array is expected to produce the following glare for this receptor:

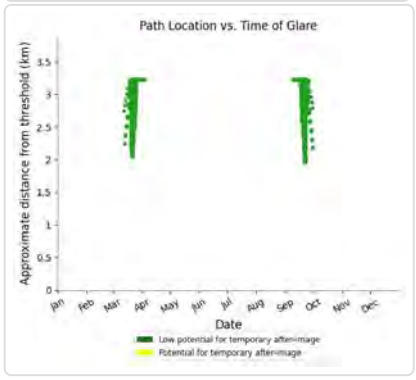
- 667 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

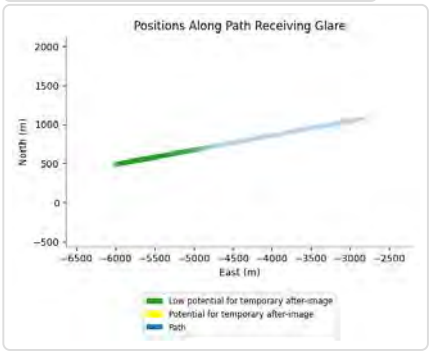












Field D1A-B Array: Fenland RWY 18

No glare found

Field D1A-B Array: Fenland RWY 26

No glare found

Field D1A-B Array: Fenland RWY 36

No glare found

Field D1A-B Array: 1-ATCT

No glare found

Field D1C Array low potential for temporary after-image

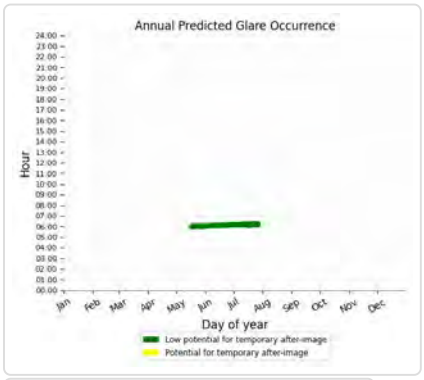
Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	1004	0
FP: Crowland RWY 08	704	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	772	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0

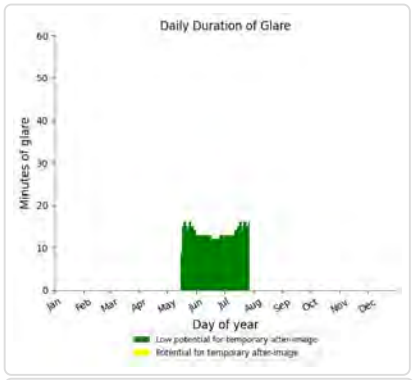
OP: 1-ATCT	0	0

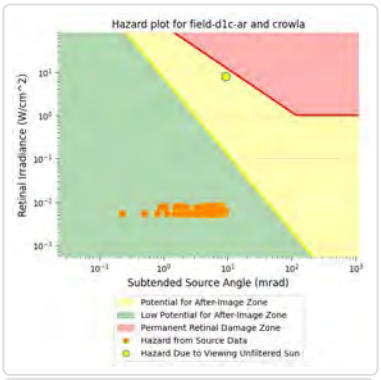
Field D1C Array: Crowland RWY 03

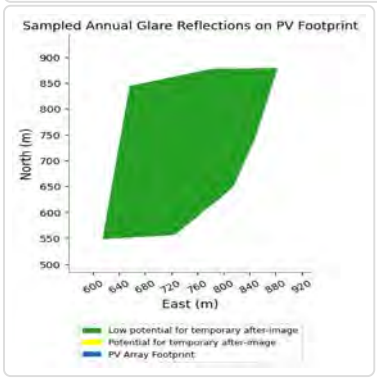
PV array is expected to produce the following glare for this receptor:

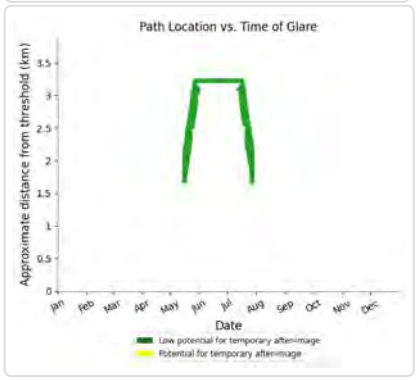
- 1,004 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

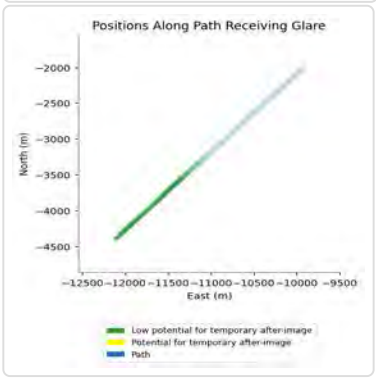








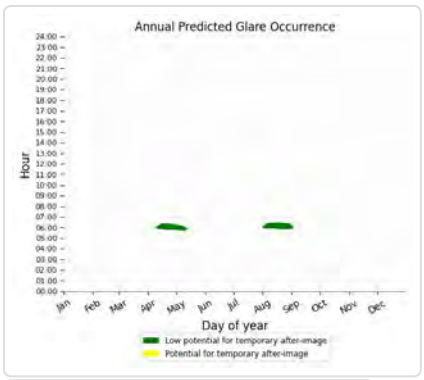


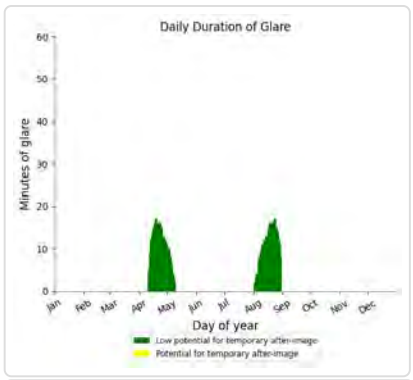


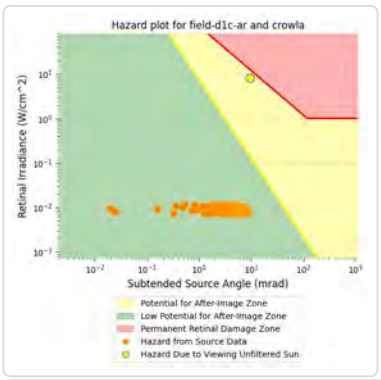
Field D1C Array: Crowland RWY 08

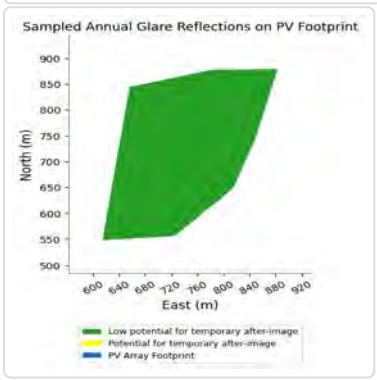
PV array is expected to produce the following glare for this receptor:

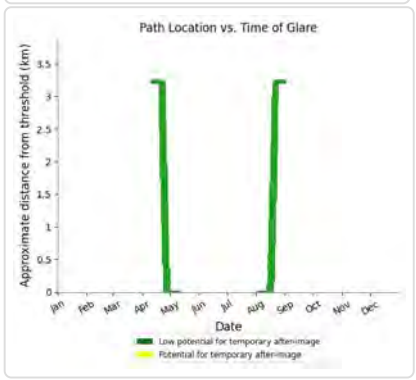
- 704 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

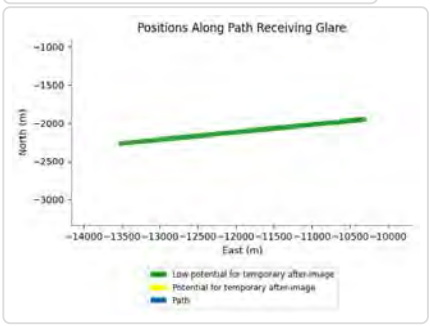












Field D1C Array: Crowland RWY 21

No glare found

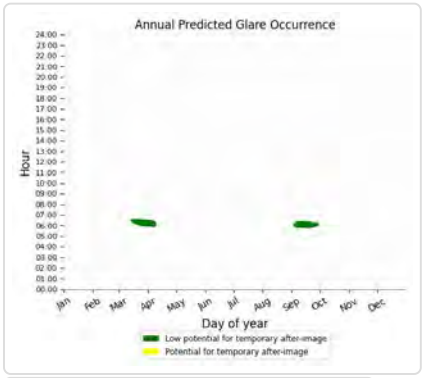
Field D1C Array: Crowland RWY 26

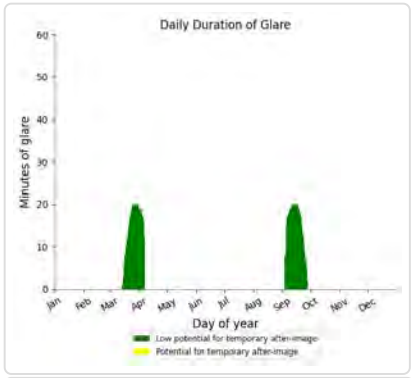
No glare found

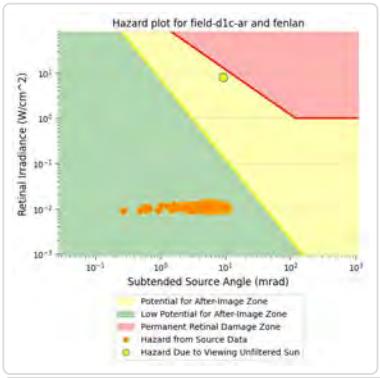
Field D1C Array: Fenland RWY 08

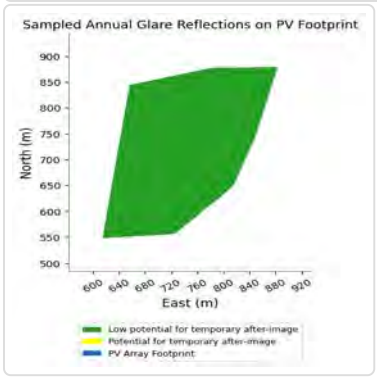
PV array is expected to produce the following glare for this receptor:

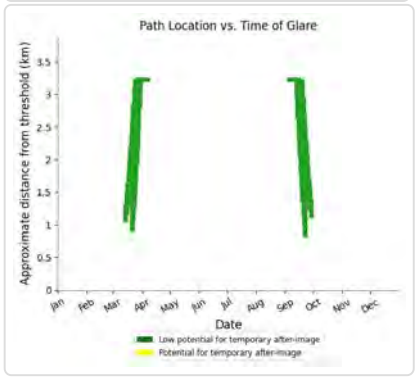
- 772 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

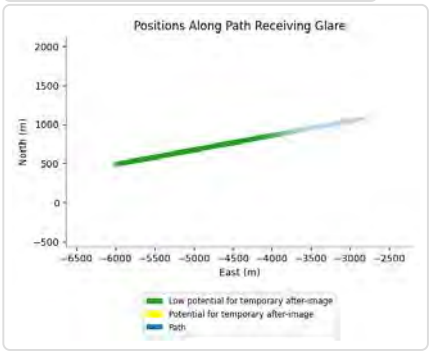












Field D1C Array: Fenland RWY 18

No glare found

Field D1C Array: Fenland RWY 26

No glare found

Field D1C Array: Fenland RWY 36

No glare found

Field D1C Array: 1-ATCT

No glare found

Field D2 Array low potential for temporary after-image

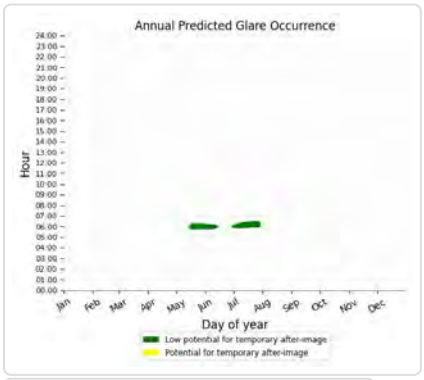
Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	772	0
FP: Crowland RWY 08	781	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	123	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0

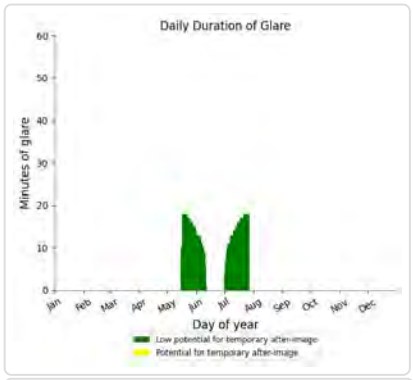
OP: 1-ATCT	0	0

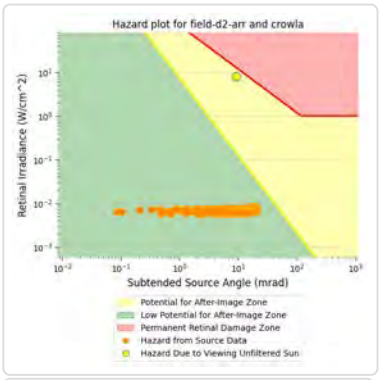
Field D2 Array: Crowland RWY 03

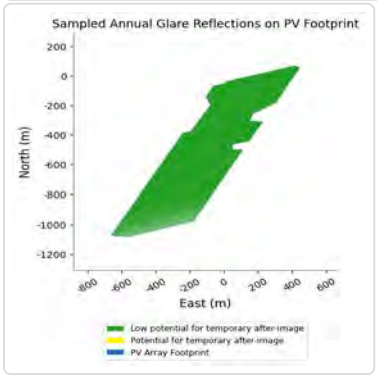
PV array is expected to produce the following glare for this receptor:

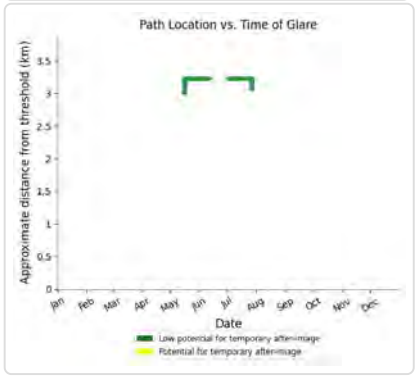
- 772 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

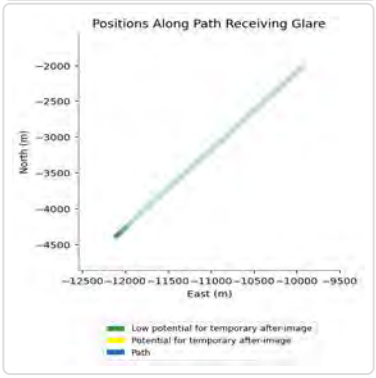








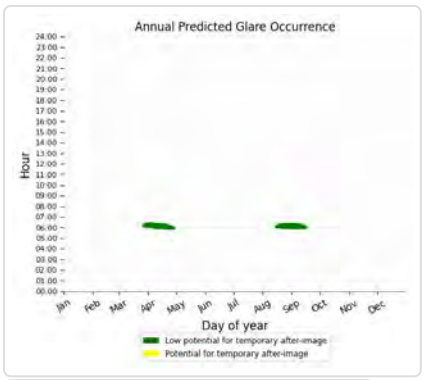


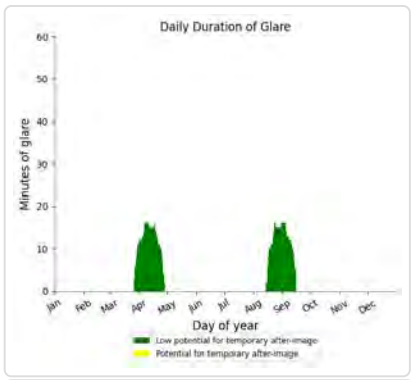


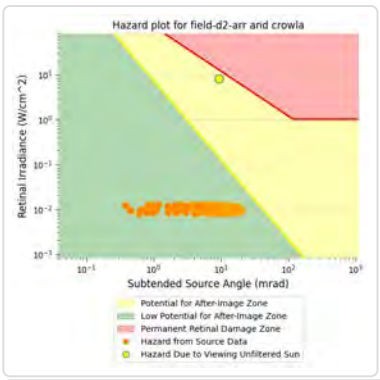
Field D2 Array: Crowland RWY 08

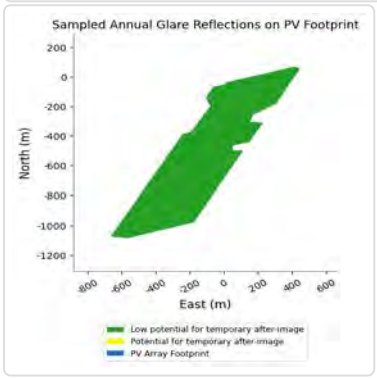
PV array is expected to produce the following glare for this receptor:

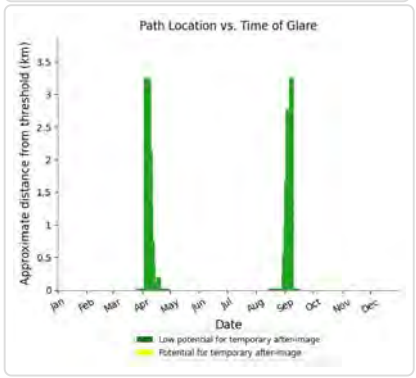
- 781 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

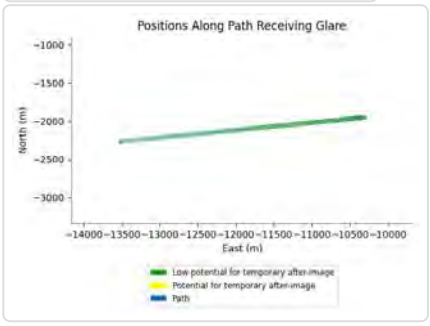












Field D2 Array: Crowland RWY 21

No glare found

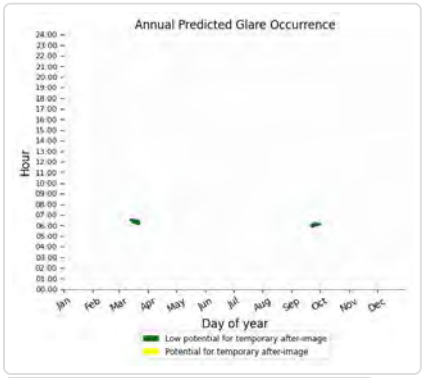
Field D2 Array: Crowland RWY 26

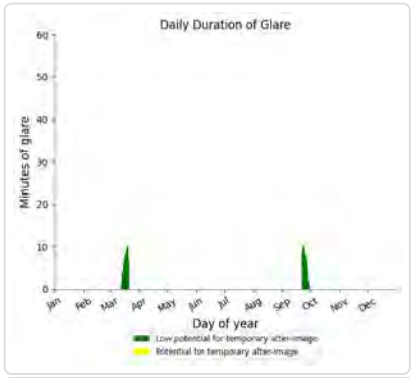
No glare found

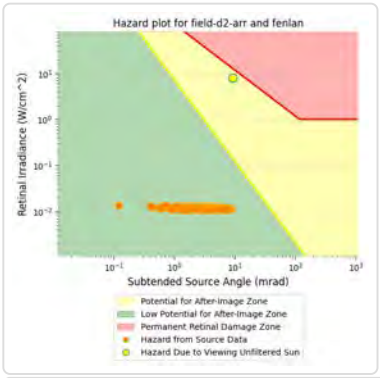
Field D2 Array: Fenland RWY 08

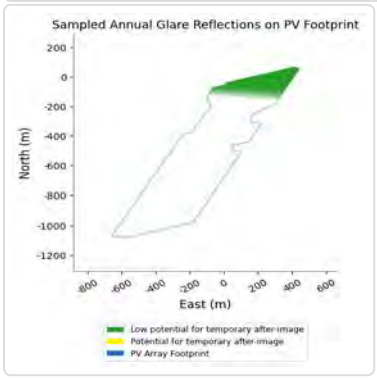
PV array is expected to produce the following glare for this receptor:

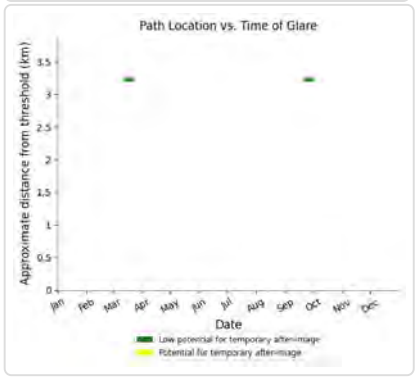
- 123 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

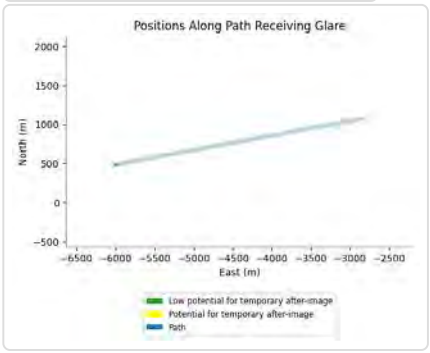












Field D2 Array: Fenland RWY 18

No glare found

Field D2 Array: Fenland RWY 26

No glare found

Field D2 Array: Fenland RWY 36

No glare found

Field D2 Array: 1-ATCT

No glare found

Field D3 Array low potential for temporary after-image

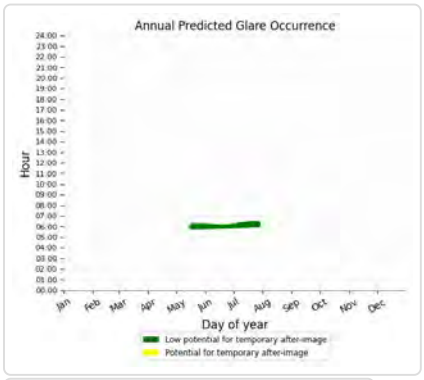
Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	1008	0
FP: Crowland RWY 08	1177	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	27	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0

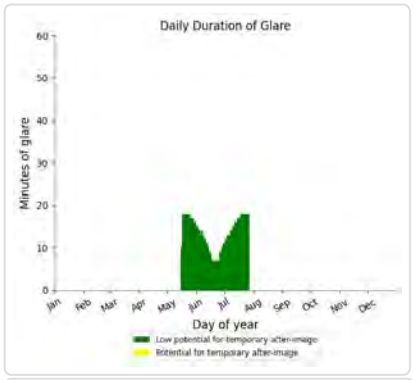
OP: 1-ATCT	0	0

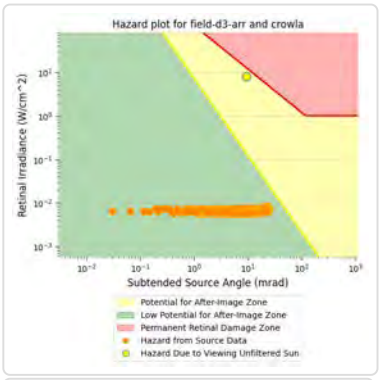
Field D3 Array: Crowland RWY 03

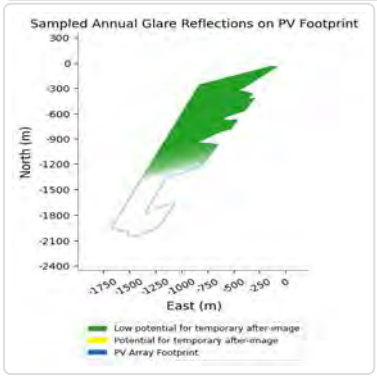
PV array is expected to produce the following glare for this receptor:

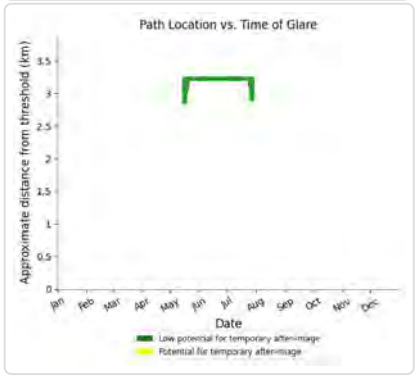
- 1,008 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

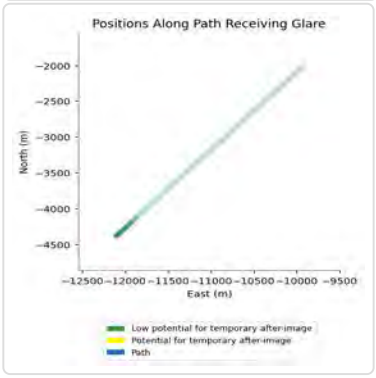








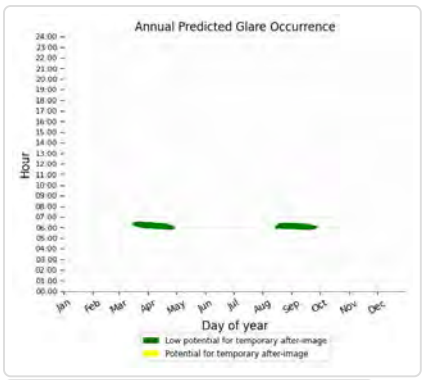


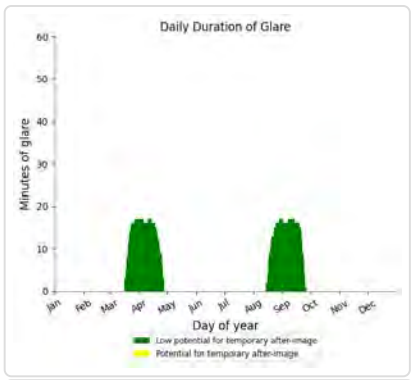


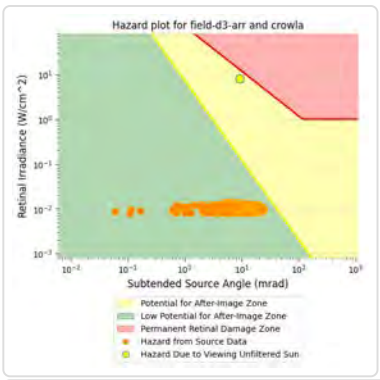
Field D3 Array: Crowland RWY 08

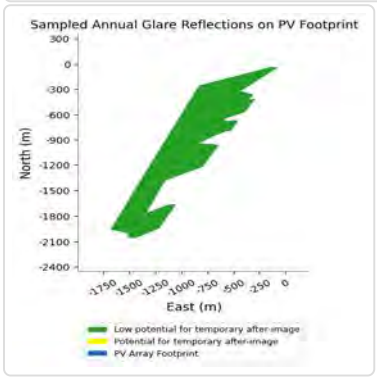
PV array is expected to produce the following glare for this receptor:

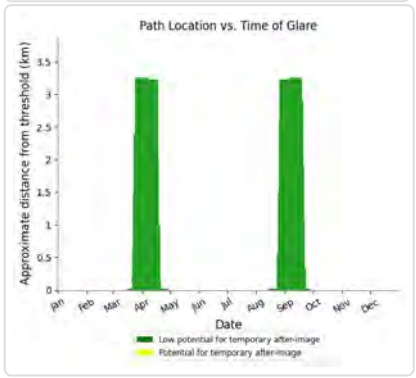
- 1,177 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

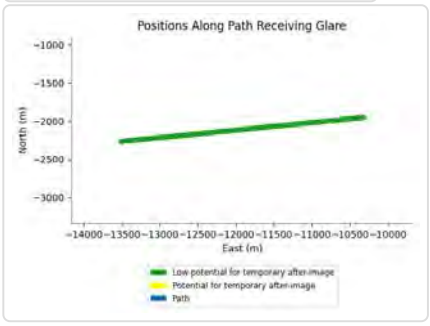












Field D3 Array: Crowland RWY 21

No glare found

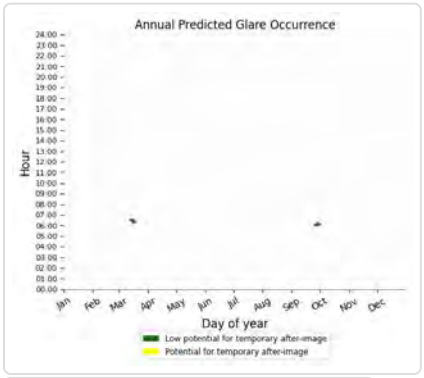
Field D3 Array: Crowland RWY 26

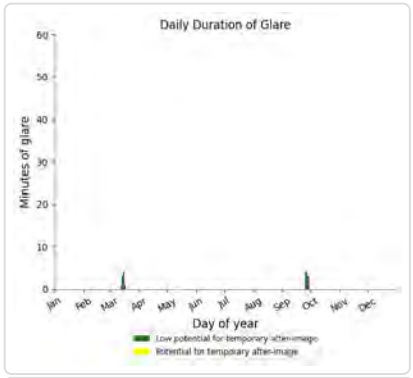
No glare found

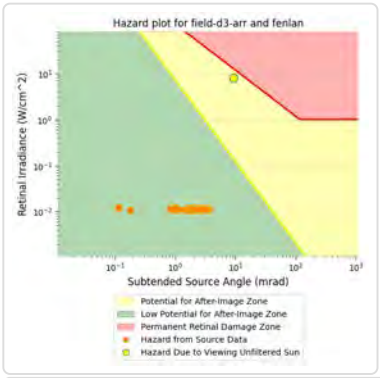
Field D3 Array: Fenland RWY 08

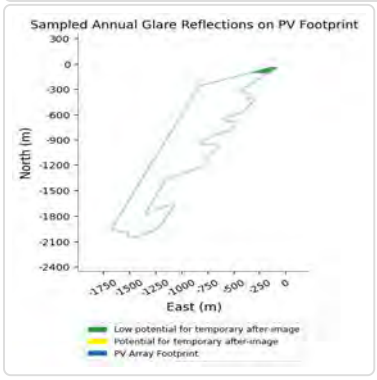
PV array is expected to produce the following glare for this receptor:

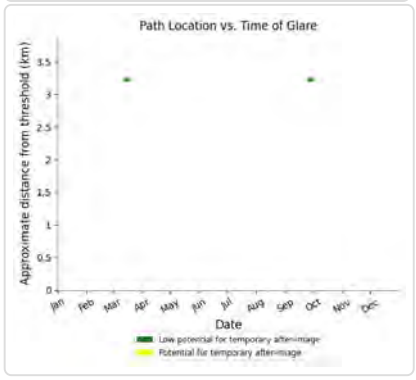
- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

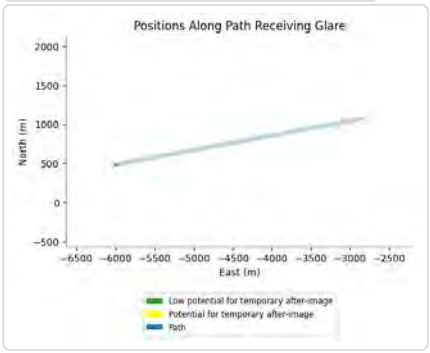












Field D3 Array: Fenland RWY 18

No glare found

Field D3 Array: Fenland RWY 26

No glare found

Field D3 Array: Fenland RWY 36

No glare found

Field D3 Array: 1-ATCT

No glare found

Field D5 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	0	0
FP: Crowland RWY 08	146	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	0	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0

OP: 1-ATCT	0	0

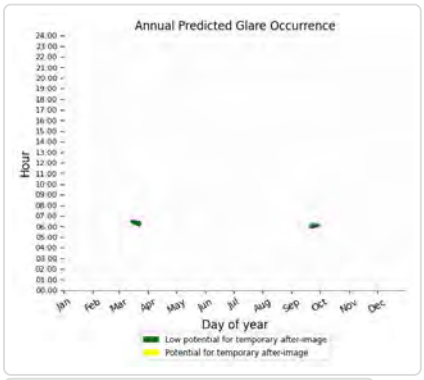
Field D5 Array: Crowland RWY 03

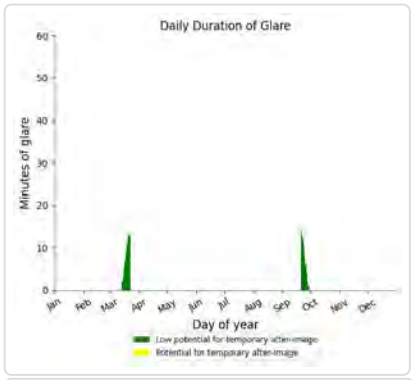
No glare found

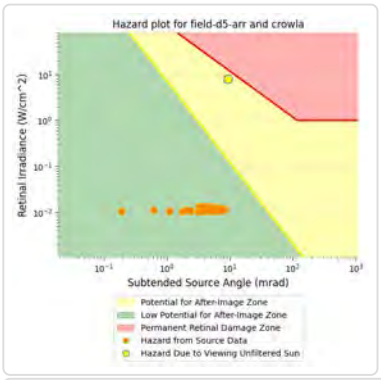
Field D5 Array: Crowland RWY 08

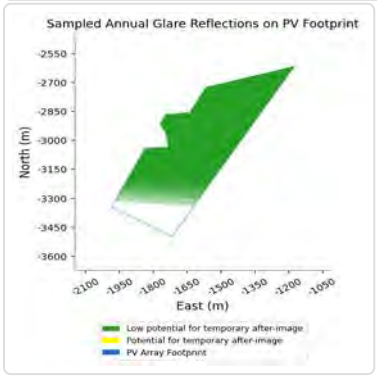
PV array is expected to produce the following glare for this receptor:

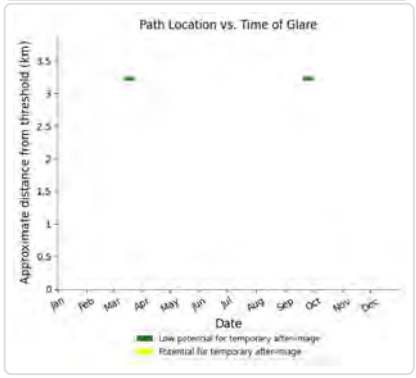
- 146 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

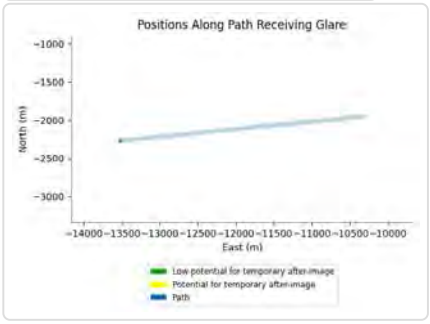












Field D5 Array: Crowland RWY 21

No glare found

Field D5 Array: Crowland RWY 26

No glare found

Field D5 Array: Fenland RWY 08

No glare found

Field D5 Array: Fenland RWY 18

No glare found

Field D5 Array: Fenland RWY 26

No glare found

Field D5 Array: Fenland RWY 36

No glare found

Field D5 Array: 1-ATCT

No glare found

Field D6 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	0	0
FP: Crowland RWY 08	154	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	0	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

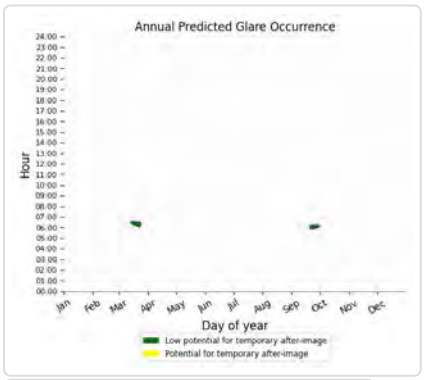
Field D6 Array: Crowland RWY 03

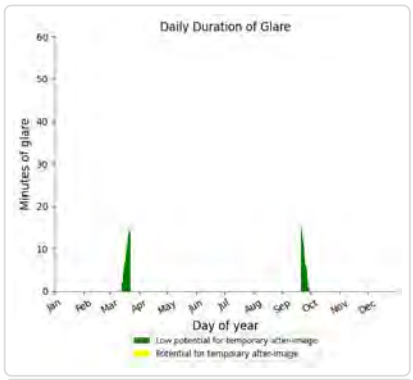
No glare found

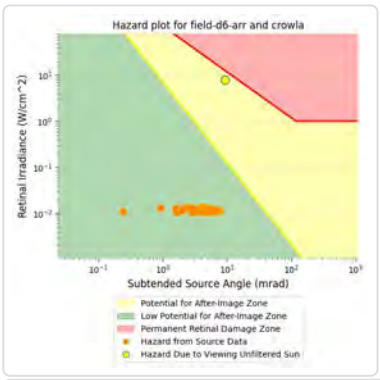
Field D6 Array: Crowland RWY 08

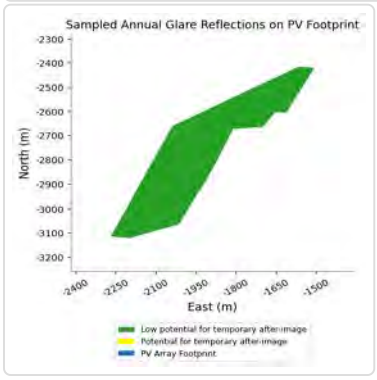
PV array is expected to produce the following glare for this receptor:

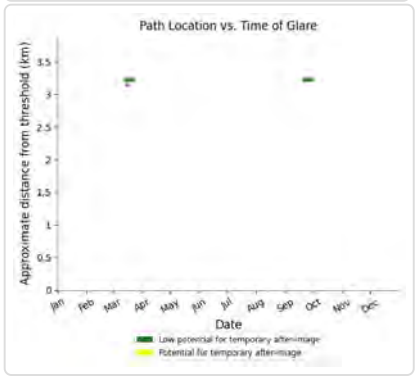
- 154 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

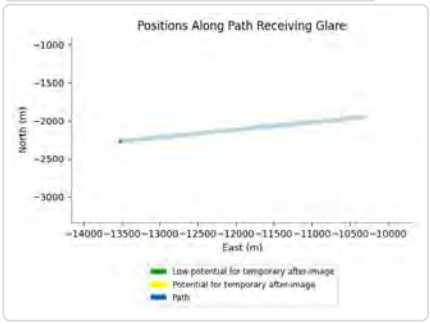












Field D6 Array: Crowland RWY 21

No glare found

Field D6 Array: Crowland RWY 26

No glare found

Field D6 Array: Fenland RWY 08

No glare found

Field D6 Array: Fenland RWY 18

No glare found

Field D6 Array: Fenland RWY 26

No glare found

Field D6 Array: Fenland RWY 36

No glare found

Field D6 Array: 1-ATCT

No glare found

Field D7 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	0	0
FP: Crowland RWY 08	147	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	0	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

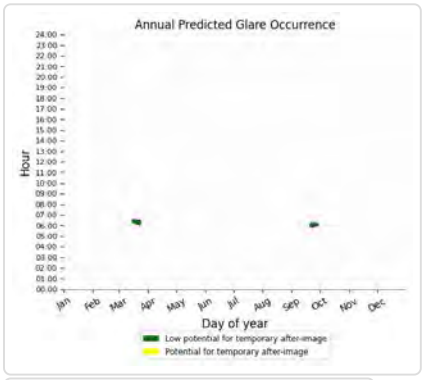
Field D7 Array: Crowland RWY 03

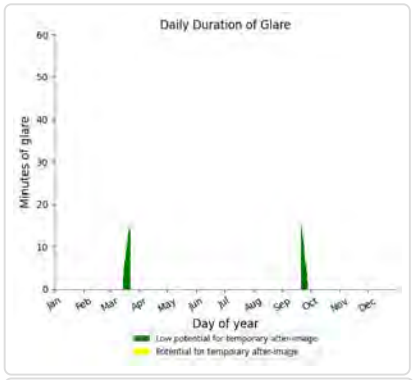
No glare found

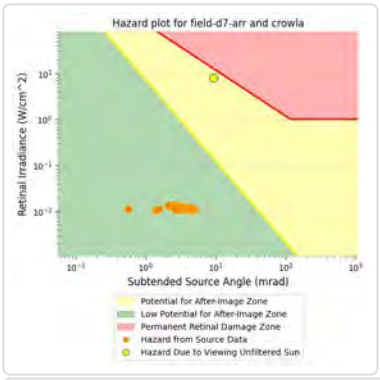
Field D7 Array: Crowland RWY 08

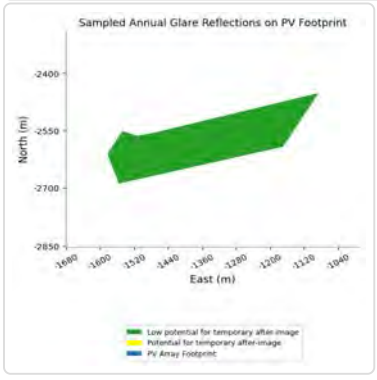
PV array is expected to produce the following glare for this receptor:

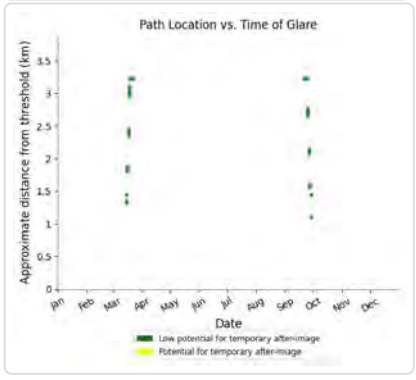
- 147 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

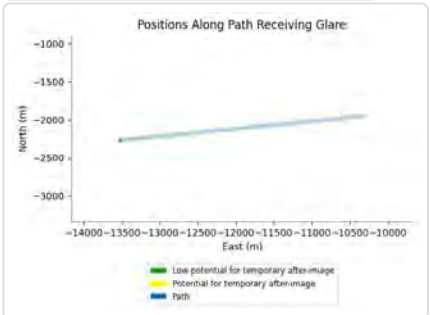












Field D7 Array: Crowland RWY 21

No glare found

Field D7 Array: Crowland RWY 26

No glare found

Field D7 Array: Fenland RWY 08

No glare found

Field D7 Array: Fenland RWY 18

No glare found

Field D7 Array: Fenland RWY 26

No glare found

Field D7 Array: Fenland RWY 36

No glare found

Field D7 Array: 1-ATCT

No glare found

Field D8 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	0	0
FP: Crowland RWY 08	433	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	0	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

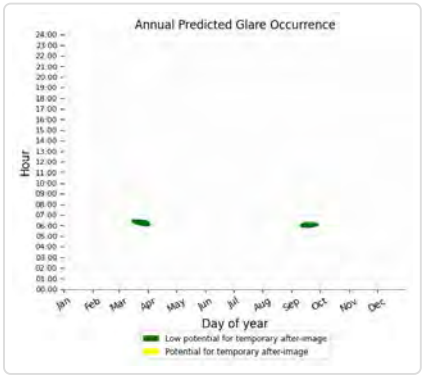
Field D8 Array: Crowland RWY 03

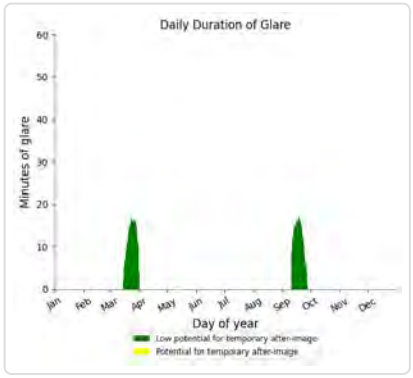
No glare found

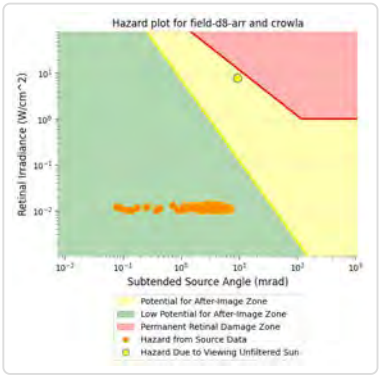
Field D8 Array: Crowland RWY 08

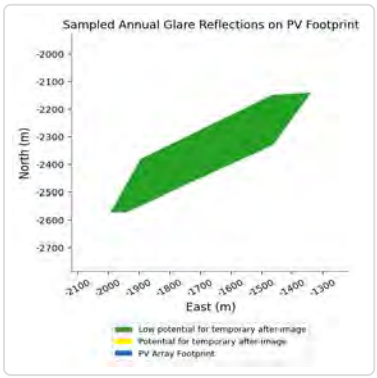
PV array is expected to produce the following glare for this receptor:

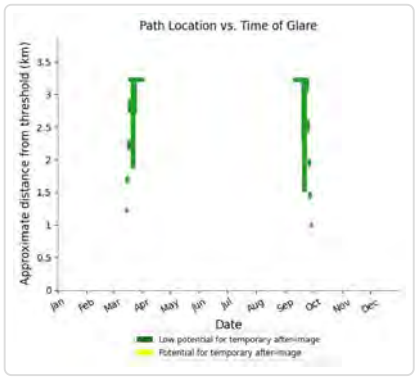
- 433 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

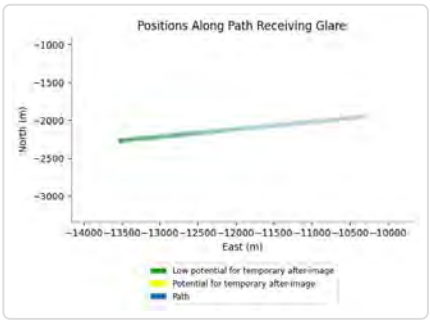












Field D8 Array: Crowland RWY 21

No glare found

Field D8 Array: Crowland RWY 26

No glare found

Field D8 Array: Fenland RWY 08

No glare found

Field D8 Array: Fenland RWY 18

No glare found

Field D8 Array: Fenland RWY 26

No glare found

Field D8 Array: Fenland RWY 36

No glare found

Field D8 Array: 1-ATCT

No glare found

Field D9 Array low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Crowland RWY 03	0	0

FP: Crowland RWY 08	471	0
FP: Crowland RWY 21	0	0
FP: Crowland RWY 26	0	0
FP: Fenland RWY 08	0	0
FP: Fenland RWY 18	0	0
FP: Fenland RWY 26	0	0
FP: Fenland RWY 36	0	0
OP: 1-ATCT	0	0

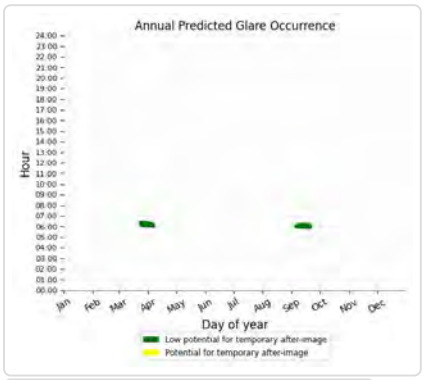
Field D9 Array: Crowland RWY 03

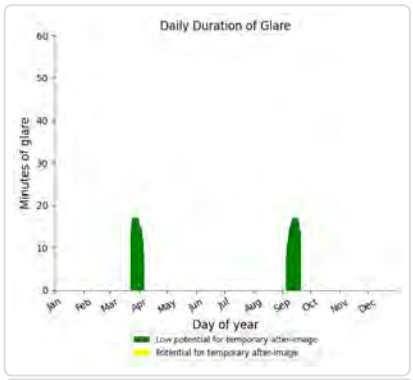
No glare found

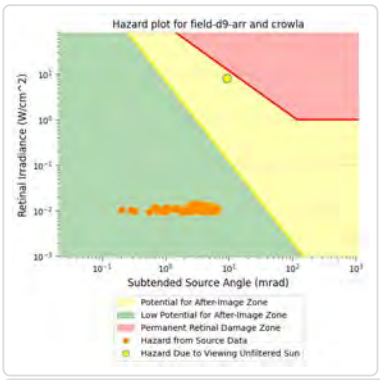
Field D9 Array: Crowland RWY 08

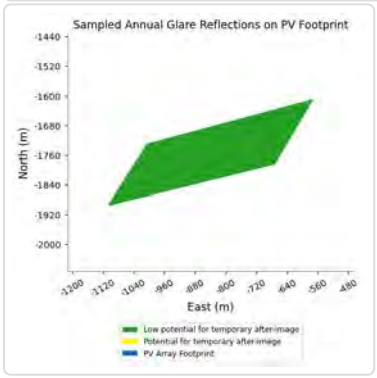
PV array is expected to produce the following glare for this receptor:

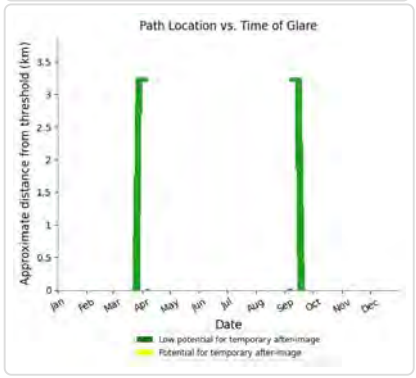
- 471 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

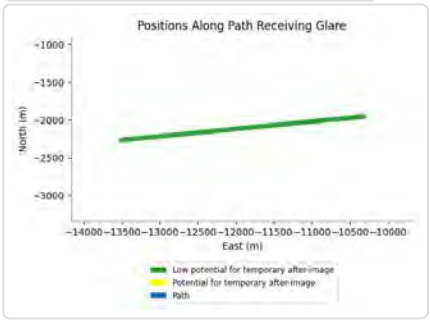












Field D9 Array: Crowland RWY 21

No glare found

Field D9 Array: Crowland RWY 26

No glare found

Field D9 Array: Fenland RWY 08

No glare found

Field D9 Array: Fenland RWY 18

No glare found

Field D9 Array: Fenland RWY 26

No glare found

Field D9 Array: Fenland RWY 36

No glare found

Field D9 Array: 1-ATCT

No glare found

Summary of Vertical Surface Glare Analysis

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.