

Appendix to REP1-010 CRM Log files

Burbo_BurboExt

GBBG_Gw_RR_Rh_Wal1_Wal2_Dud

Gwynt_Asbuilt_CRM 295

Rhyl_94operation 365

scrm_outputs_1Barrow

scrm_outputs_GBBG_Barrow

scrm_outputs_GBBG_Hoyle

scrm_outputs_Hoyle

Walney1_94operation

WestOfDS_94operation

Wlaney2_94operation

Burbo_BurboExt

spp_label generic_fhe_specificity_input_ions_aggr_level

Black-legg Yes No tnorm months

dy_lt_me:body_lt_sdg_span_ming_span_sd
0.39 0 1.08 0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	13.1	0	0.992	0	0.992	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.090443
1	0.082273
2	0.074841
3	0.06808
4	0.061929
5	0.056334
6	0.051245
7	0.046615
8	0.042403
9	0.038572
10	0.035086
11	0.031916
12	0.029031
13	0.026407
14	0.02402
15	0.021849
16	0.019873
17	0.018076
18	0.016441
19	0.014954
20	0.013601
21	0.01237
22	0.011251
23	0.010232
24	0.009305
25	0.008462
26	0.007696
27	0.006998
28	0.006364
29	0.005786
30	0.005261
31	0.004784
32	0.004349
33	0.003954
34	0.003595
35	0.003268
36	0.00297
37	0.0027
38	0.002454
39	0.00223
40	0.002027
41	0.001842
42	0.001674
43	0.001521
44	0.001382
45	0.001255
46	0.00114
47	0.001036
48	0.00094

49	0.000854
50	0.000776
51	0.000704
52	0.000639
53	0.00058
54	0.000527
55	0.000478
56	0.000434
57	0.000394
58	0.000357
59	0.000324
60	0.000294
61	0.000266
62	0.000241
63	0.000219
64	0.000198
65	0.00018
66	0.000163
67	0.000148
68	0.000134
69	0.000121
70	0.00011
71	9.93E-05
72	8.98E-05
73	8.13E-05
74	7.36E-05
75	6.65E-05
76	6.02E-05
77	5.44E-05
78	4.92E-05
79	4.44E-05
80	4.02E-05
81	3.63E-05
82	3.28E-05
83	2.96E-05
84	2.67E-05
85	2.41E-05
86	2.17E-05
87	1.96E-05
88	1.77E-05
89	1.59E-05
90	1.43E-05
91	1.29E-05
92	1.16E-05
93	1.05E-05
94	9.43E-06
95	8.48E-06
96	7.63E-06
97	6.86E-06
98	6.16E-06

99	5.54E-06
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103	3.59E-06
104	3.22E-06
105	2.89E-06
106	2.59E-06
107	2.32E-06
108	2.07E-06
109	1.85E-06
110	1.66E-06
111	1.48E-06
112	1.32E-06
113	1.18E-06
114	1.06E-06
115	9.42E-07
116	8.4E-07
117	7.49E-07
118	6.67E-07
119	5.94E-07
120	5.29E-07
121	4.7E-07
122	4.18E-07
123	3.71E-07
124	3.3E-07
125	2.93E-07
126	2.6E-07
127	2.3E-07
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129	1.81E-07
130	1.6E-07
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133	1.1E-07
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135	8.58E-08
136	7.56E-08
137	6.66E-08
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140	4.53E-08
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143	3.07E-08
144	2.69E-08
145	2.35E-08
146	2.06E-08
147	1.8E-08
148	1.57E-08

149	1.37E-08
150	1.2E-08
151	1.04E-08
152	9.09E-09
153	7.91E-09
154	6.87E-09
155	5.97E-09
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157	4.49E-09
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167	1.02E-09
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169	7.53E-10
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172	4.71E-10
173	4.02E-10
174	3.43E-10
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219	6.82E-14
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283	5.96E-22
284	4.12E-22
285	2.84E-22
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month	mean	sd
January	0.43	0
February	0.45	0
March	0.3	0
April	0.18	0
May	0.17	0
June	0.15	0
July	0.13	0
August	0.12	0
September	0.2	0
October	0.33	0
November	0.37	0
December	0.4	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.71	0	1.58	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	13.7	0	0.994	0	0.994	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
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126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
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146	1.12E-05
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169	2.01E-06
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171	1.7E-06
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182	6.64E-07
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185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

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208	4.98E-08
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210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
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228	4.37E-09
229	3.82E-09
230	3.34E-09
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233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
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241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
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254	8.8E-11
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262	2.17E-11
263	1.8E-11
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265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
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281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
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286	1.64E-13
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495	0
496	0
497	0
498	0

month	mean	sd
January	0.0426	0
February	0.0426	0
March	0.0426	0
April	0.0453	0
May	0.0453	0
June	0.0453	0
July	0.0453	0
August	0.0453	0
September	0.0426	0
October	0.0426	0
November	0.0426	0
December	0.0426	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Herring Gul Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.595	0	1.44	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	12.8	0	0.994	0	0.994	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.055193
1	0.05216
2	0.049294
3	0.046585
4	0.044026
5	0.041606
6	0.03932
7	0.037159
8	0.035117
9	0.033187
10	0.031363
11	0.029639
12	0.028009
13	0.02647
14	0.025014
15	0.023639
16	0.022339
17	0.02111
18	0.019949
19	0.018851
20	0.017814
21	0.016833
22	0.015906
23	0.01503
24	0.014202
25	0.01342
26	0.01268
27	0.011981
28	0.01132
29	0.010696
30	0.010106
31	0.009548
32	0.00902
33	0.008522
34	0.008051
35	0.007605
36	0.007184
37	0.006787
38	0.00641
39	0.006055
40	0.005719
41	0.005402
42	0.005102
43	0.004818
44	0.00455
45	0.004296
46	0.004057
47	0.003831
48	0.003617

49 0.003415
50 0.003224
51 0.003043
52 0.002873
53 0.002711
54 0.002559
55 0.002415
56 0.002279
57 0.002151
58 0.002029
59 0.001914
60 0.001806
61 0.001704
62 0.001607
63 0.001516
64 0.001429
65 0.001348
66 0.001271
67 0.001198
68 0.001129
69 0.001065
70 0.001003
71 0.000946
72 0.000891
73 0.000839
74 0.000791
75 0.000745
76 0.000701
77 0.000661
78 0.000622
79 0.000585
80 0.000551
81 0.000519
82 0.000488
83 0.000459
84 0.000432
85 0.000406
86 0.000382
87 0.000359
88 0.000338
89 0.000317
90 0.000298
91 0.00028
92 0.000263
93 0.000247
94 0.000232
95 0.000218
96 0.000205
97 0.000192
98 0.00018

99	0.000169
100	0.000159
101	0.000149
102	0.000139
103	0.000131
104	0.000122
105	0.000115
106	0.000107
107	0.000101
108	9.41E-05
109	0.000088
110	8.24E-05
111	0.000077
112	0.000072
113	6.73E-05
114	6.29E-05
115	5.88E-05
116	5.49E-05
117	5.13E-05
118	4.79E-05
119	4.47E-05
120	4.17E-05
121	3.88E-05
122	3.62E-05
123	3.38E-05
124	3.14E-05
125	2.93E-05
126	2.73E-05
127	2.54E-05
128	2.36E-05
129	0.000022
130	2.04E-05
131	0.000019
132	1.76E-05
133	1.64E-05
134	1.52E-05
135	1.41E-05
136	1.31E-05
137	1.21E-05
138	1.12E-05
139	1.04E-05
140	9.63E-06
141	8.91E-06
142	8.25E-06
143	7.63E-06
144	7.05E-06
145	6.51E-06
146	6.01E-06
147	5.55E-06
148	5.12E-06

149	4.72E-06
150	4.35E-06
151	4.01E-06
152	3.69E-06
153	3.4E-06
154	3.13E-06
155	2.87E-06
156	2.64E-06
157	2.43E-06
158	2.23E-06
159	2.04E-06
160	1.87E-06
161	1.72E-06
162	1.57E-06
163	1.44E-06
164	1.32E-06
165	1.2E-06
166	1.1E-06
167	0.000001
168	9.17E-07
169	8.36E-07
170	7.62E-07
171	6.94E-07
172	6.32E-07
173	5.75E-07
174	5.23E-07
175	4.75E-07
176	4.31E-07
177	3.91E-07
178	3.55E-07
179	3.22E-07
180	2.91E-07
181	2.64E-07
182	2.38E-07
183	2.15E-07
184	1.94E-07
185	1.75E-07
186	1.58E-07
187	1.42E-07
188	1.28E-07
189	1.15E-07
190	1.04E-07
191	9.32E-08
192	8.36E-08
193	7.5E-08
194	6.72E-08
195	6.01E-08
196	5.38E-08
197	4.81E-08
198	4.29E-08

199	3.83E-08
200	3.42E-08
201	3.04E-08
202	2.71E-08
203	2.41E-08
204	2.14E-08
205	1.9E-08
206	1.68E-08
207	1.49E-08
208	1.32E-08
209	1.17E-08
210	1.03E-08
211	9.11E-09
212	8.03E-09
213	7.07E-09
214	6.23E-09
215	5.47E-09
216	4.81E-09
217	4.22E-09
218	3.7E-09
219	3.24E-09
220	2.83E-09
221	2.48E-09
222	2.16E-09
223	1.88E-09
224	1.64E-09
225	1.43E-09
226	1.24E-09
227	1.08E-09
228	9.35E-10
229	8.1E-10
230	7.01E-10
231	6.06E-10
232	5.23E-10
233	4.51E-10
234	3.89E-10
235	3.34E-10
236	2.87E-10
237	2.47E-10
238	2.11E-10
239	1.81E-10
240	1.55E-10
241	1.32E-10
242	1.13E-10
243	9.61E-11
244	8.18E-11
245	6.95E-11
246	5.9E-11
247	5E-11
248	4.23E-11

249	3.58E-11
250	3.02E-11
251	2.55E-11
252	2.14E-11
253	1.8E-11
254	1.51E-11
255	1.27E-11
256	1.06E-11
257	8.89E-12
258	7.42E-12
259	6.19E-12
260	5.15E-12
261	4.28E-12
262	3.56E-12
263	2.95E-12
264	2.44E-12
265	2.02E-12
266	1.66E-12
267	1.37E-12
268	1.13E-12
269	9.27E-13
270	7.6E-13
271	6.23E-13
272	5.09E-13
273	4.16E-13
274	3.39E-13
275	2.76E-13
276	2.24E-13
277	1.82E-13
278	1.47E-13
279	1.19E-13
280	9.6E-14
281	7.73E-14
282	6.22E-14
283	4.99E-14
284	4E-14
285	3.2E-14
286	2.56E-14
287	2.04E-14
288	1.62E-14
289	1.29E-14
290	1.02E-14
291	8.11E-15
292	6.41E-15
293	5.06E-15
294	3.98E-15
295	3.13E-15
296	2.46E-15
297	1.92E-15
298	1.5E-15

299	1.17E-15
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301	0
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488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.24	0
February	0.26	0
March	0.26	0
April	0.24	0
May	0.2	0
June	0.15	0
July	0.12	0
August	0.1	0
September	0.11	0
October	0.13	0
November	0.16	0
December	0.2	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Northern (Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.935	0	1.73	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Gliding		0.5	14.9	0	0.992	0	0.992	0	0.08	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.098314
1	0.088657
2	0.079948
3	0.072095
4	0.065013
5	0.058626
6	0.052867
7	0.047673
8	0.04299
9	0.038766
10	0.034957
11	0.031522
12	0.028425
13	0.025631
14	0.023112
15	0.020841
16	0.018792
17	0.016944
18	0.015278
19	0.013775
20	0.01242
21	0.011199
22	0.010097
23	0.009103
24	0.008207
25	0.007398
26	0.00667
27	0.006013
28	0.00542
29	0.004886
30	0.004404
31	0.003969
32	0.003577
33	0.003224
34	0.002906
35	0.002618
36	0.002359
37	0.002126
38	0.001915
39	0.001726
40	0.001555
41	0.0014
42	0.001261
43	0.001136
44	0.001023
45	0.000921
46	0.00083
47	0.000747
48	0.000673

49	0.000605
50	0.000545
51	0.00049
52	0.000441
53	0.000397
54	0.000357
55	0.000321
56	0.000289
57	0.00026
58	0.000234
59	0.00021
60	0.000189
61	0.00017
62	0.000153
63	0.000137
64	0.000123
65	0.000111
66	9.94E-05
67	8.92E-05
68	8.01E-05
69	7.19E-05
70	6.45E-05
71	5.79E-05
72	5.19E-05
73	4.66E-05
74	4.17E-05
75	3.74E-05
76	3.35E-05
77	0.00003
78	2.69E-05
79	2.41E-05
80	2.16E-05
81	1.93E-05
82	1.73E-05
83	1.55E-05
84	1.38E-05
85	1.24E-05
86	0.000011
87	9.87E-06
88	8.82E-06
89	7.87E-06
90	7.03E-06
91	6.27E-06
92	5.59E-06
93	4.99E-06
94	4.45E-06
95	3.96E-06
96	3.53E-06
97	3.14E-06
98	2.8E-06

99	2.49E-06
100	2.21E-06
101	1.97E-06
102	1.75E-06
103	1.55E-06
104	1.38E-06
105	1.22E-06
106	1.09E-06
107	9.63E-07
108	8.53E-07
109	7.56E-07
110	6.69E-07
111	5.92E-07
112	5.24E-07
113	4.63E-07
114	4.09E-07
115	3.61E-07
116	3.19E-07
117	2.81E-07
118	2.48E-07
119	2.19E-07
120	1.93E-07
121	1.7E-07
122	1.49E-07
123	1.31E-07
124	1.15E-07
125	1.01E-07
126	8.87E-08
127	7.78E-08
128	6.82E-08
129	5.97E-08
130	5.23E-08
131	4.57E-08
132	4E-08
133	3.49E-08
134	3.05E-08
135	2.66E-08
136	2.32E-08
137	2.02E-08
138	1.75E-08
139	1.53E-08
140	1.33E-08
141	1.15E-08
142	9.98E-09
143	8.65E-09
144	7.49E-09
145	6.49E-09
146	5.61E-09
147	4.84E-09
148	4.18E-09

149	3.61E-09
150	3.11E-09
151	2.67E-09
152	2.3E-09
153	1.98E-09
154	1.7E-09
155	1.46E-09
156	1.25E-09
157	1.07E-09
158	9.12E-10
159	7.8E-10
160	6.65E-10
161	5.67E-10
162	4.83E-10
163	4.11E-10
164	3.49E-10
165	2.96E-10
166	2.51E-10
167	2.13E-10
168	1.8E-10
169	1.52E-10
170	1.29E-10
171	1.08E-10
172	9.13E-11
173	7.68E-11
174	6.46E-11
175	5.42E-11
176	4.54E-11
177	3.8E-11
178	3.18E-11
179	2.66E-11
180	2.21E-11
181	1.84E-11
182	1.53E-11
183	1.27E-11
184	1.06E-11
185	8.76E-12
186	7.25E-12
187	5.99E-12
188	4.94E-12
189	4.07E-12
190	3.35E-12
191	2.75E-12
192	2.26E-12
193	1.85E-12
194	1.51E-12
195	1.24E-12
196	1.01E-12
197	8.22E-13
198	6.68E-13

199	5.42E-13
200	4.4E-13
201	3.56E-13
202	2.87E-13
203	2.32E-13
204	1.87E-13
205	1.5E-13
206	1.21E-13
207	9.66E-14
208	7.73E-14
209	6.17E-14
210	4.92E-14
211	3.92E-14
212	3.11E-14
213	2.47E-14
214	1.95E-14
215	1.54E-14
216	1.22E-14
217	9.58E-15
218	7.53E-15
219	5.9E-15
220	4.62E-15
221	3.61E-15
222	2.82E-15
223	2.19E-15
224	1.7E-15
225	1.32E-15
226	1.02E-15
227	7.89E-16
228	6.08E-16
229	4.67E-16
230	3.59E-16
231	2.75E-16
232	2.1E-16
233	1.6E-16
234	1.22E-16
235	9.24E-17
236	7E-17
237	5.29E-17
238	3.99E-17
239	3.01E-17
240	2.26E-17
241	1.69E-17
242	1.26E-17
243	9.42E-18
244	7.01E-18
245	5.2E-18
246	3.85E-18
247	2.85E-18
248	2.1E-18

249	1.54E-18
250	1.13E-18
251	8.28E-19
252	6.04E-19
253	4.4E-19
254	3.19E-19
255	2.31E-19
256	1.67E-19
257	1.2E-19
258	8.65E-20
259	6.2E-20
260	4.43E-20
261	3.16E-20
262	2.25E-20
263	1.59E-20
264	1.13E-20
265	7.95E-21
266	5.59E-21
267	3.92E-21
268	2.74E-21
269	1.91E-21
270	1.33E-21
271	9.22E-22
272	6.38E-22
273	4.4E-22
274	3.02E-22
275	2.07E-22
276	1.42E-22
277	9.64E-23
278	6.55E-23
279	4.44E-23
280	2.99E-23
281	2.02E-23
282	1.35E-23
283	9.05E-24
284	6.03E-24
285	4.01E-24
286	2.66E-24
287	1.75E-24
288	1.15E-24
289	7.57E-25
290	4.95E-25
291	3.23E-25
292	2.1E-25
293	1.36E-25
294	8.76E-26
295	5.64E-26
296	3.61E-26
297	2.31E-26
298	1.47E-26

299	9.31E-27
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491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.05	0
February	0.05	0
March	0.06	0
April	0.07	0
May	0.08	0
June	0.1	0
July	0.12	0
August	0.13	0
September	0.13	0
October	0.1	0
November	0.07	0
December	0.06	0

spp_label generic_fhe_specific_sity_input_ions_aggr_level

Black-legg Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.39	0	1.08	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	13.1	0	0.992	0	0.992	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.090443
1	0.082273
2	0.074841
3	0.06808
4	0.061929
5	0.056334
6	0.051245
7	0.046615
8	0.042403
9	0.038572
10	0.035086
11	0.031916
12	0.029031
13	0.026407
14	0.02402
15	0.021849
16	0.019873
17	0.018076
18	0.016441
19	0.014954
20	0.013601
21	0.01237
22	0.011251
23	0.010232
24	0.009305
25	0.008462
26	0.007696
27	0.006998
28	0.006364
29	0.005786
30	0.005261
31	0.004784
32	0.004349
33	0.003954
34	0.003595
35	0.003268
36	0.00297
37	0.0027
38	0.002454
39	0.00223
40	0.002027
41	0.001842
42	0.001674
43	0.001521
44	0.001382
45	0.001255
46	0.00114
47	0.001036
48	0.00094

49	0.000854
50	0.000776
51	0.000704
52	0.000639
53	0.00058
54	0.000527
55	0.000478
56	0.000434
57	0.000394
58	0.000357
59	0.000324
60	0.000294
61	0.000266
62	0.000241
63	0.000219
64	0.000198
65	0.00018
66	0.000163
67	0.000148
68	0.000134
69	0.000121
70	0.00011
71	9.93E-05
72	8.98E-05
73	8.13E-05
74	7.36E-05
75	6.65E-05
76	6.02E-05
77	5.44E-05
78	4.92E-05
79	4.44E-05
80	4.02E-05
81	3.63E-05
82	3.28E-05
83	2.96E-05
84	2.67E-05
85	2.41E-05
86	2.17E-05
87	1.96E-05
88	1.77E-05
89	1.59E-05
90	1.43E-05
91	1.29E-05
92	1.16E-05
93	1.05E-05
94	9.43E-06
95	8.48E-06
96	7.63E-06
97	6.86E-06
98	6.16E-06

99	5.54E-06
100	4.97E-06
101	4.46E-06
102	0.000004
103	3.59E-06
104	3.22E-06
105	2.89E-06
106	2.59E-06
107	2.32E-06
108	2.07E-06
109	1.85E-06
110	1.66E-06
111	1.48E-06
112	1.32E-06
113	1.18E-06
114	1.06E-06
115	9.42E-07
116	8.4E-07
117	7.49E-07
118	6.67E-07
119	5.94E-07
120	5.29E-07
121	4.7E-07
122	4.18E-07
123	3.71E-07
124	3.3E-07
125	2.93E-07
126	2.6E-07
127	2.3E-07
128	2.04E-07
129	1.81E-07
130	1.6E-07
131	1.41E-07
132	1.25E-07
133	1.1E-07
134	9.73E-08
135	8.58E-08
136	7.56E-08
137	6.66E-08
138	5.86E-08
139	5.16E-08
140	4.53E-08
141	3.98E-08
142	3.5E-08
143	3.07E-08
144	2.69E-08
145	2.35E-08
146	2.06E-08
147	1.8E-08
148	1.57E-08

149	1.37E-08
150	1.2E-08
151	1.04E-08
152	9.09E-09
153	7.91E-09
154	6.87E-09
155	5.97E-09
156	5.18E-09
157	4.49E-09
158	3.89E-09
159	3.37E-09
160	2.91E-09
161	2.51E-09
162	2.17E-09
163	1.87E-09
164	1.61E-09
165	1.39E-09
166	1.19E-09
167	1.02E-09
168	8.78E-10
169	7.53E-10
170	6.44E-10
171	5.51E-10
172	4.71E-10
173	4.02E-10
174	3.43E-10
175	2.92E-10
176	2.48E-10
177	2.11E-10
178	1.79E-10
179	1.52E-10
180	1.28E-10
181	1.09E-10
182	9.17E-11
183	7.74E-11
184	6.52E-11
185	5.49E-11
186	4.61E-11
187	3.87E-11
188	3.25E-11
189	2.72E-11
190	2.27E-11
191	1.9E-11
192	1.58E-11
193	1.32E-11
194	1.1E-11
195	9.12E-12
196	7.57E-12
197	6.27E-12
198	5.19E-12

199	4.28E-12
200	3.53E-12
201	2.91E-12
202	2.4E-12
203	1.97E-12
204	1.61E-12
205	1.32E-12
206	1.08E-12
207	8.82E-13
208	7.19E-13
209	5.85E-13
210	4.75E-13
211	3.86E-13
212	3.12E-13
213	2.53E-13
214	2.04E-13
215	1.64E-13
216	1.32E-13
217	1.06E-13
218	8.52E-14
219	6.82E-14
220	5.45E-14
221	4.35E-14
222	3.46E-14
223	2.75E-14
224	2.18E-14
225	1.73E-14
226	1.37E-14
227	1.08E-14
228	8.51E-15
229	6.69E-15
230	5.25E-15
231	4.11E-15
232	3.22E-15
233	2.51E-15
234	1.95E-15
235	1.52E-15
236	1.18E-15
237	9.12E-16
238	7.05E-16
239	5.43E-16
240	4.18E-16
241	3.21E-16
242	2.46E-16
243	1.88E-16
244	1.44E-16
245	1.09E-16
246	8.3E-17
247	6.29E-17
248	4.76E-17

249	3.59E-17
250	2.71E-17
251	2.03E-17
252	1.52E-17
253	1.14E-17
254	8.51E-18
255	6.34E-18
256	4.71E-18
257	3.49E-18
258	2.58E-18
259	1.9E-18
260	1.4E-18
261	1.03E-18
262	7.53E-19
263	5.5E-19
264	4.01E-19
265	2.91E-19
266	2.11E-19
267	1.53E-19
268	1.1E-19
269	7.92E-20
270	5.69E-20
271	4.07E-20
272	2.91E-20
273	2.07E-20
274	1.47E-20
275	1.04E-20
276	7.35E-21
277	5.17E-21
278	3.63E-21
279	2.55E-21
280	1.78E-21
281	1.24E-21
282	8.61E-22
283	5.96E-22
284	4.12E-22
285	2.84E-22
286	1.95E-22
287	1.33E-22
288	9.1E-23
289	6.19E-23
290	4.2E-23
291	2.84E-23
292	1.92E-23
293	1.29E-23
294	8.65E-24
295	5.78E-24
296	3.85E-24
297	2.56E-24
298	1.69E-24

299	1.12E-24
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487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.43	0
February	0.45	0
March	0.3	0
April	0.18	0
May	0.17	0
June	0.15	0
July	0.13	0
August	0.12	0
September	0.2	0
October	0.33	0
November	0.37	0
December	0.4	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.71	0	1.58	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	13.7	0	0.994	0	0.994	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
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486	0
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488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.0426	0
February	0.0426	0
March	0.0426	0
April	0.0453	0
May	0.0453	0
June	0.0453	0
July	0.0453	0
August	0.0453	0
September	0.0426	0
October	0.0426	0
November	0.0426	0
December	0.0426	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Herring Gul Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.595	0	1.44	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	12.8	0	0.994	0	0.994	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.055193
1	0.05216
2	0.049294
3	0.046585
4	0.044026
5	0.041606
6	0.03932
7	0.037159
8	0.035117
9	0.033187
10	0.031363
11	0.029639
12	0.028009
13	0.02647
14	0.025014
15	0.023639
16	0.022339
17	0.02111
18	0.019949
19	0.018851
20	0.017814
21	0.016833
22	0.015906
23	0.01503
24	0.014202
25	0.01342
26	0.01268
27	0.011981
28	0.01132
29	0.010696
30	0.010106
31	0.009548
32	0.00902
33	0.008522
34	0.008051
35	0.007605
36	0.007184
37	0.006787
38	0.00641
39	0.006055
40	0.005719
41	0.005402
42	0.005102
43	0.004818
44	0.00455
45	0.004296
46	0.004057
47	0.003831
48	0.003617

49 0.003415
50 0.003224
51 0.003043
52 0.002873
53 0.002711
54 0.002559
55 0.002415
56 0.002279
57 0.002151
58 0.002029
59 0.001914
60 0.001806
61 0.001704
62 0.001607
63 0.001516
64 0.001429
65 0.001348
66 0.001271
67 0.001198
68 0.001129
69 0.001065
70 0.001003
71 0.000946
72 0.000891
73 0.000839
74 0.000791
75 0.000745
76 0.000701
77 0.000661
78 0.000622
79 0.000585
80 0.000551
81 0.000519
82 0.000488
83 0.000459
84 0.000432
85 0.000406
86 0.000382
87 0.000359
88 0.000338
89 0.000317
90 0.000298
91 0.00028
92 0.000263
93 0.000247
94 0.000232
95 0.000218
96 0.000205
97 0.000192
98 0.00018

99	0.000169
100	0.000159
101	0.000149
102	0.000139
103	0.000131
104	0.000122
105	0.000115
106	0.000107
107	0.000101
108	9.41E-05
109	0.000088
110	8.24E-05
111	0.000077
112	0.000072
113	6.73E-05
114	6.29E-05
115	5.88E-05
116	5.49E-05
117	5.13E-05
118	4.79E-05
119	4.47E-05
120	4.17E-05
121	3.88E-05
122	3.62E-05
123	3.38E-05
124	3.14E-05
125	2.93E-05
126	2.73E-05
127	2.54E-05
128	2.36E-05
129	0.000022
130	2.04E-05
131	0.000019
132	1.76E-05
133	1.64E-05
134	1.52E-05
135	1.41E-05
136	1.31E-05
137	1.21E-05
138	1.12E-05
139	1.04E-05
140	9.63E-06
141	8.91E-06
142	8.25E-06
143	7.63E-06
144	7.05E-06
145	6.51E-06
146	6.01E-06
147	5.55E-06
148	5.12E-06

149	4.72E-06
150	4.35E-06
151	4.01E-06
152	3.69E-06
153	3.4E-06
154	3.13E-06
155	2.87E-06
156	2.64E-06
157	2.43E-06
158	2.23E-06
159	2.04E-06
160	1.87E-06
161	1.72E-06
162	1.57E-06
163	1.44E-06
164	1.32E-06
165	1.2E-06
166	1.1E-06
167	0.000001
168	9.17E-07
169	8.36E-07
170	7.62E-07
171	6.94E-07
172	6.32E-07
173	5.75E-07
174	5.23E-07
175	4.75E-07
176	4.31E-07
177	3.91E-07
178	3.55E-07
179	3.22E-07
180	2.91E-07
181	2.64E-07
182	2.38E-07
183	2.15E-07
184	1.94E-07
185	1.75E-07
186	1.58E-07
187	1.42E-07
188	1.28E-07
189	1.15E-07
190	1.04E-07
191	9.32E-08
192	8.36E-08
193	7.5E-08
194	6.72E-08
195	6.01E-08
196	5.38E-08
197	4.81E-08
198	4.29E-08

199	3.83E-08
200	3.42E-08
201	3.04E-08
202	2.71E-08
203	2.41E-08
204	2.14E-08
205	1.9E-08
206	1.68E-08
207	1.49E-08
208	1.32E-08
209	1.17E-08
210	1.03E-08
211	9.11E-09
212	8.03E-09
213	7.07E-09
214	6.23E-09
215	5.47E-09
216	4.81E-09
217	4.22E-09
218	3.7E-09
219	3.24E-09
220	2.83E-09
221	2.48E-09
222	2.16E-09
223	1.88E-09
224	1.64E-09
225	1.43E-09
226	1.24E-09
227	1.08E-09
228	9.35E-10
229	8.1E-10
230	7.01E-10
231	6.06E-10
232	5.23E-10
233	4.51E-10
234	3.89E-10
235	3.34E-10
236	2.87E-10
237	2.47E-10
238	2.11E-10
239	1.81E-10
240	1.55E-10
241	1.32E-10
242	1.13E-10
243	9.61E-11
244	8.18E-11
245	6.95E-11
246	5.9E-11
247	5E-11
248	4.23E-11

249	3.58E-11
250	3.02E-11
251	2.55E-11
252	2.14E-11
253	1.8E-11
254	1.51E-11
255	1.27E-11
256	1.06E-11
257	8.89E-12
258	7.42E-12
259	6.19E-12
260	5.15E-12
261	4.28E-12
262	3.56E-12
263	2.95E-12
264	2.44E-12
265	2.02E-12
266	1.66E-12
267	1.37E-12
268	1.13E-12
269	9.27E-13
270	7.6E-13
271	6.23E-13
272	5.09E-13
273	4.16E-13
274	3.39E-13
275	2.76E-13
276	2.24E-13
277	1.82E-13
278	1.47E-13
279	1.19E-13
280	9.6E-14
281	7.73E-14
282	6.22E-14
283	4.99E-14
284	4E-14
285	3.2E-14
286	2.56E-14
287	2.04E-14
288	1.62E-14
289	1.29E-14
290	1.02E-14
291	8.11E-15
292	6.41E-15
293	5.06E-15
294	3.98E-15
295	3.13E-15
296	2.46E-15
297	1.92E-15
298	1.5E-15

299	1.17E-15
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301	0
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488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.24	0
February	0.26	0
March	0.26	0
April	0.24	0
May	0.2	0
June	0.15	0
July	0.12	0
August	0.1	0
September	0.11	0
October	0.13	0
November	0.16	0
December	0.2	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Northern (Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.935	0	1.73	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc_m	void_bsc_soid_ext_m	void_ext_s	t_act_me	nct_act	sd	
Gliding		0.5	14.9	0	0.992	0	0.992	0	0.08	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.098314
1	0.088657
2	0.079948
3	0.072095
4	0.065013
5	0.058626
6	0.052867
7	0.047673
8	0.04299
9	0.038766
10	0.034957
11	0.031522
12	0.028425
13	0.025631
14	0.023112
15	0.020841
16	0.018792
17	0.016944
18	0.015278
19	0.013775
20	0.01242
21	0.011199
22	0.010097
23	0.009103
24	0.008207
25	0.007398
26	0.00667
27	0.006013
28	0.00542
29	0.004886
30	0.004404
31	0.003969
32	0.003577
33	0.003224
34	0.002906
35	0.002618
36	0.002359
37	0.002126
38	0.001915
39	0.001726
40	0.001555
41	0.0014
42	0.001261
43	0.001136
44	0.001023
45	0.000921
46	0.00083
47	0.000747
48	0.000673

49	0.000605
50	0.000545
51	0.00049
52	0.000441
53	0.000397
54	0.000357
55	0.000321
56	0.000289
57	0.00026
58	0.000234
59	0.00021
60	0.000189
61	0.00017
62	0.000153
63	0.000137
64	0.000123
65	0.000111
66	9.94E-05
67	8.92E-05
68	8.01E-05
69	7.19E-05
70	6.45E-05
71	5.79E-05
72	5.19E-05
73	4.66E-05
74	4.17E-05
75	3.74E-05
76	3.35E-05
77	0.00003
78	2.69E-05
79	2.41E-05
80	2.16E-05
81	1.93E-05
82	1.73E-05
83	1.55E-05
84	1.38E-05
85	1.24E-05
86	0.000011
87	9.87E-06
88	8.82E-06
89	7.87E-06
90	7.03E-06
91	6.27E-06
92	5.59E-06
93	4.99E-06
94	4.45E-06
95	3.96E-06
96	3.53E-06
97	3.14E-06
98	2.8E-06

99	2.49E-06
100	2.21E-06
101	1.97E-06
102	1.75E-06
103	1.55E-06
104	1.38E-06
105	1.22E-06
106	1.09E-06
107	9.63E-07
108	8.53E-07
109	7.56E-07
110	6.69E-07
111	5.92E-07
112	5.24E-07
113	4.63E-07
114	4.09E-07
115	3.61E-07
116	3.19E-07
117	2.81E-07
118	2.48E-07
119	2.19E-07
120	1.93E-07
121	1.7E-07
122	1.49E-07
123	1.31E-07
124	1.15E-07
125	1.01E-07
126	8.87E-08
127	7.78E-08
128	6.82E-08
129	5.97E-08
130	5.23E-08
131	4.57E-08
132	4E-08
133	3.49E-08
134	3.05E-08
135	2.66E-08
136	2.32E-08
137	2.02E-08
138	1.75E-08
139	1.53E-08
140	1.33E-08
141	1.15E-08
142	9.98E-09
143	8.65E-09
144	7.49E-09
145	6.49E-09
146	5.61E-09
147	4.84E-09
148	4.18E-09

149	3.61E-09
150	3.11E-09
151	2.67E-09
152	2.3E-09
153	1.98E-09
154	1.7E-09
155	1.46E-09
156	1.25E-09
157	1.07E-09
158	9.12E-10
159	7.8E-10
160	6.65E-10
161	5.67E-10
162	4.83E-10
163	4.11E-10
164	3.49E-10
165	2.96E-10
166	2.51E-10
167	2.13E-10
168	1.8E-10
169	1.52E-10
170	1.29E-10
171	1.08E-10
172	9.13E-11
173	7.68E-11
174	6.46E-11
175	5.42E-11
176	4.54E-11
177	3.8E-11
178	3.18E-11
179	2.66E-11
180	2.21E-11
181	1.84E-11
182	1.53E-11
183	1.27E-11
184	1.06E-11
185	8.76E-12
186	7.25E-12
187	5.99E-12
188	4.94E-12
189	4.07E-12
190	3.35E-12
191	2.75E-12
192	2.26E-12
193	1.85E-12
194	1.51E-12
195	1.24E-12
196	1.01E-12
197	8.22E-13
198	6.68E-13

199	5.42E-13
200	4.4E-13
201	3.56E-13
202	2.87E-13
203	2.32E-13
204	1.87E-13
205	1.5E-13
206	1.21E-13
207	9.66E-14
208	7.73E-14
209	6.17E-14
210	4.92E-14
211	3.92E-14
212	3.11E-14
213	2.47E-14
214	1.95E-14
215	1.54E-14
216	1.22E-14
217	9.58E-15
218	7.53E-15
219	5.9E-15
220	4.62E-15
221	3.61E-15
222	2.82E-15
223	2.19E-15
224	1.7E-15
225	1.32E-15
226	1.02E-15
227	7.89E-16
228	6.08E-16
229	4.67E-16
230	3.59E-16
231	2.75E-16
232	2.1E-16
233	1.6E-16
234	1.22E-16
235	9.24E-17
236	7E-17
237	5.29E-17
238	3.99E-17
239	3.01E-17
240	2.26E-17
241	1.69E-17
242	1.26E-17
243	9.42E-18
244	7.01E-18
245	5.2E-18
246	3.85E-18
247	2.85E-18
248	2.1E-18

249	1.54E-18
250	1.13E-18
251	8.28E-19
252	6.04E-19
253	4.4E-19
254	3.19E-19
255	2.31E-19
256	1.67E-19
257	1.2E-19
258	8.65E-20
259	6.2E-20
260	4.43E-20
261	3.16E-20
262	2.25E-20
263	1.59E-20
264	1.13E-20
265	7.95E-21
266	5.59E-21
267	3.92E-21
268	2.74E-21
269	1.91E-21
270	1.33E-21
271	9.22E-22
272	6.38E-22
273	4.4E-22
274	3.02E-22
275	2.07E-22
276	1.42E-22
277	9.64E-23
278	6.55E-23
279	4.44E-23
280	2.99E-23
281	2.02E-23
282	1.35E-23
283	9.05E-24
284	6.03E-24
285	4.01E-24
286	2.66E-24
287	1.75E-24
288	1.15E-24
289	7.57E-25
290	4.95E-25
291	3.23E-25
292	2.1E-25
293	1.36E-25
294	8.76E-26
295	5.64E-26
296	3.61E-26
297	2.31E-26
298	1.47E-26

299	9.31E-27
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482	0
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484	0
485	0
486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.05	0
February	0.05	0
March	0.06	0
April	0.07	0
May	0.08	0
June	0.1	0
July	0.12	0
August	0.13	0
September	0.13	0
October	0.1	0
November	0.07	0
December	0.06	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
Burbo_cor	30	53.48	5.3	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed_m	n_speed_sd
3	45	29	3.5	probDist	6	0	16.1	0

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

spp_label generic_fhe_specific_city_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me:body_lt_sdg_span_ming_span_sd
0.71 0 1.58 0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.7	0	0.994	0	0.994	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
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301	0
302	0
303	0
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485	0
486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.0291	0
February	0.0291	0
March	0.0291	0
April	0.0341	0
May	0.0341	0
June	0.0341	0
July	0.0341	0
August	0.0341	0
September	0.0291	0
October	0.0291	0
November	0.0291	0
December	0.0291	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
BurboExt_	32	53.48	13.4	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed_m	n_speed_sd
3	82	21	5.4	probDist	15	0	10.5	0

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

spp_label;generic_fhe_specific_sity_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me:body_lt_sdg_span_ming_span_sd
0.71 0 1.58 0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.7	0	0.994	0	0.994	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
300	0
301	0
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394	0
395	0
396	0
397	0
398	0

399	0
400	0
401	0
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403	0
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432	0
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450	0
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456	0
457	0
458	0
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461	0
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463	0
464	0
465	0
466	0
467	0
468	0
469	0
470	0
471	0
472	0
473	0
474	0
475	0
476	0
477	0
478	0
479	0
480	0
481	0
482	0
483	0
484	0
485	0
486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.0291	0
February	0.0291	0
March	0.0291	0
April	0.0341	0
May	0.0341	0
June	0.0341	0
July	0.0341	0
August	0.0341	0
September	0.0291	0
October	0.0291	0
November	0.0291	0
December	0.0291	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
BurboExt_	69	53.48	13.4	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed_m	n_speed_sd
3	60	21	4.2	probDist	6	0	13	0

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

GBBG_Gw_RR_Rh_Wal1_Wal2_Dud

spp_label generic_fhe_specific_city_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.71	0	1.58	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.7	0	0.994	0	0.994	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
300	0
301	0
302	0
303	0
304	0
305	0
306	0
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485	0
486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.016	0
February	0.016	0
March	0.016	0
April	0.0163	0
May	0.0163	0
June	0.0163	0
July	0.0163	0
August	0.0162	0
September	0.016	0
October	0.016	0
November	0.016	0
December	0.016	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
gqynt_asb	160	53.45	15.2	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed	m	n_speed	sd
3	53.5	36.5	4.2	probDist	15	0	13	0		

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

spp_label generic_fhe_specific_city_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.71	0	1.58	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.7	0	0.994	0	0.994	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49	0.003508
50	0.003319
51	0.003139
52	0.00297
53	0.00281
54	0.002658
55	0.002515
56	0.002379
57	0.002251
58	0.002129
59	0.002014
60	0.001906
61	0.001803
62	0.001706
63	0.001614
64	0.001526
65	0.001444
66	0.001366
67	0.001292
68	0.001222
69	0.001156
70	0.001094
71	0.001035
72	0.000979
73	0.000926
74	0.000876
75	0.000828
76	0.000783
77	0.000741
78	0.0007
79	0.000662
80	0.000626
81	0.000592
82	0.00056
83	0.000529
84	0.0005
85	0.000473
86	0.000447
87	0.000422
88	0.000399
89	0.000377
90	0.000356
91	0.000337
92	0.000318
93	0.000301
94	0.000284
95	0.000268
96	0.000253
97	0.000239
98	0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
300	0
301	0
302	0
303	0
304	0
305	0
306	0
307	0
308	0
309	0
310	0
311	0
312	0
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464	0
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466	0
467	0
468	0
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470	0
471	0
472	0
473	0
474	0
475	0
476	0
477	0
478	0
479	0
480	0
481	0
482	0
483	0
484	0
485	0
486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.016	0
February	0.016	0
March	0.016	0
April	0.0163	0
May	0.0163	0
June	0.0163	0
July	0.0163	0
August	0.0162	0
September	0.016	0
October	0.016	0
November	0.016	0
December	0.016	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
Demo Win	25	53.38	5.6	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed	m	n_speed	sd
3	53.5	22.5	4.2	probDist	15	0	13.5	0		

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

spp_label generic_fhe_specific_city_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.71	0	1.58	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	13.7	0	0.994	0	0.994	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
300	0
301	0
302	0
303	0
304	0
305	0
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486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.0528	0
February	0.0528	0
March	0.0528	0
April	0.035	0
May	0.035	0
June	0.035	0
July	0.035	0
August	0.035	0
September	0.0528	0
October	0.0528	0
November	0.0528	0
December	0.0528	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
robinrigg	60	54.75	6.01	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed_m	n_speed_sd
3	45	31	3.5	probDist	15	0	16.1	0

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

spp_label;generic_fhe_specific_sity_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me:body_lt_sdg_span_ming_span_sd
0.71 0 1.58 0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	13.7	0	0.994	0	0.994	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
300	0
301	0
302	0
303	0
304	0
305	0
306	0
307	0
308	0
309	0
310	0
311	0
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479	0
480	0
481	0
482	0
483	0
484	0
485	0
486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.0339	0
February	0.0339	0
March	0.0339	0
April	0.0408	0
May	0.0408	0
June	0.0408	0
July	0.0408	0
August	0.0408	0
September	0.0339	0
October	0.0339	0
November	0.0339	0
December	0.0339	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
walney1	51	54.03	7.8	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed	m	n_speed	sd
3	53.5	26	4.2	probDist	15	0	13	0		

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

spp_label generic_fhe_specific_city_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.71	0	1.58	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.7	0	0.994	0	0.994	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
300	0
301	0
302	0
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485	0
486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.0382	0
February	0.0382	0
March	0.0382	0
April	0.0303	0
May	0.0303	0
June	0.0303	0
July	0.0303	0
August	0.0303	0
September	0.0382	0
October	0.0382	0
November	0.0382	0
December	0.0382	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
walney2	51	54.08	8.9	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed	m	n_speed	sd
3	60	26	4.2	probDist	15	0	13	0		

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

spp_label;generic_fhe_specific_sity_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.71	0	1.58	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.7	0	0.994	0	0.994	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
300	0
301	0
302	0
303	0
304	0
305	0
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485	0
486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.0235	0
February	0.0235	0
March	0.0235	0
April	0.0428	0
May	0.0428	0
June	0.0428	0
July	0.0428	0
August	0.0428	0
September	0.0235	0
October	0.0235	0
November	0.0235	0
December	0.0235	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
westdudd	108	53.98	11.9	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed	m	n_speed	sd
3	60	26	4.2	probDist	15	0	13	0		

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

Gwynt_Asbuilt_CRM

spp_label generic_fhe_specificity_input_ions_aggr_level

Black-legg Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.39	0	1.08	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.1	0	0.992	0	0.992	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.090443
1	0.082273
2	0.074841
3	0.06808
4	0.061929
5	0.056334
6	0.051245
7	0.046615
8	0.042403
9	0.038572
10	0.035086
11	0.031916
12	0.029031
13	0.026407
14	0.02402
15	0.021849
16	0.019873
17	0.018076
18	0.016441
19	0.014954
20	0.013601
21	0.01237
22	0.011251
23	0.010232
24	0.009305
25	0.008462
26	0.007696
27	0.006998
28	0.006364
29	0.005786
30	0.005261
31	0.004784
32	0.004349
33	0.003954
34	0.003595
35	0.003268
36	0.00297
37	0.0027
38	0.002454
39	0.00223
40	0.002027
41	0.001842
42	0.001674
43	0.001521
44	0.001382
45	0.001255
46	0.00114
47	0.001036
48	0.00094

49	0.000854
50	0.000776
51	0.000704
52	0.000639
53	0.00058
54	0.000527
55	0.000478
56	0.000434
57	0.000394
58	0.000357
59	0.000324
60	0.000294
61	0.000266
62	0.000241
63	0.000219
64	0.000198
65	0.00018
66	0.000163
67	0.000148
68	0.000134
69	0.000121
70	0.00011
71	9.93E-05
72	8.98E-05
73	8.13E-05
74	7.36E-05
75	6.65E-05
76	6.02E-05
77	5.44E-05
78	4.92E-05
79	4.44E-05
80	4.02E-05
81	3.63E-05
82	3.28E-05
83	2.96E-05
84	2.67E-05
85	2.41E-05
86	2.17E-05
87	1.96E-05
88	1.77E-05
89	1.59E-05
90	1.43E-05
91	1.29E-05
92	1.16E-05
93	1.05E-05
94	9.43E-06
95	8.48E-06
96	7.63E-06
97	6.86E-06
98	6.16E-06

99	5.54E-06
100	4.97E-06
101	4.46E-06
102	0.000004
103	3.59E-06
104	3.22E-06
105	2.89E-06
106	2.59E-06
107	2.32E-06
108	2.07E-06
109	1.85E-06
110	1.66E-06
111	1.48E-06
112	1.32E-06
113	1.18E-06
114	1.06E-06
115	9.42E-07
116	8.4E-07
117	7.49E-07
118	6.67E-07
119	5.94E-07
120	5.29E-07
121	4.7E-07
122	4.18E-07
123	3.71E-07
124	3.3E-07
125	2.93E-07
126	2.6E-07
127	2.3E-07
128	2.04E-07
129	1.81E-07
130	1.6E-07
131	1.41E-07
132	1.25E-07
133	1.1E-07
134	9.73E-08
135	8.58E-08
136	7.56E-08
137	6.66E-08
138	5.86E-08
139	5.16E-08
140	4.53E-08
141	3.98E-08
142	3.5E-08
143	3.07E-08
144	2.69E-08
145	2.35E-08
146	2.06E-08
147	1.8E-08
148	1.57E-08

149	1.37E-08
150	1.2E-08
151	1.04E-08
152	9.09E-09
153	7.91E-09
154	6.87E-09
155	5.97E-09
156	5.18E-09
157	4.49E-09
158	3.89E-09
159	3.37E-09
160	2.91E-09
161	2.51E-09
162	2.17E-09
163	1.87E-09
164	1.61E-09
165	1.39E-09
166	1.19E-09
167	1.02E-09
168	8.78E-10
169	7.53E-10
170	6.44E-10
171	5.51E-10
172	4.71E-10
173	4.02E-10
174	3.43E-10
175	2.92E-10
176	2.48E-10
177	2.11E-10
178	1.79E-10
179	1.52E-10
180	1.28E-10
181	1.09E-10
182	9.17E-11
183	7.74E-11
184	6.52E-11
185	5.49E-11
186	4.61E-11
187	3.87E-11
188	3.25E-11
189	2.72E-11
190	2.27E-11
191	1.9E-11
192	1.58E-11
193	1.32E-11
194	1.1E-11
195	9.12E-12
196	7.57E-12
197	6.27E-12
198	5.19E-12

199	4.28E-12
200	3.53E-12
201	2.91E-12
202	2.4E-12
203	1.97E-12
204	1.61E-12
205	1.32E-12
206	1.08E-12
207	8.82E-13
208	7.19E-13
209	5.85E-13
210	4.75E-13
211	3.86E-13
212	3.12E-13
213	2.53E-13
214	2.04E-13
215	1.64E-13
216	1.32E-13
217	1.06E-13
218	8.52E-14
219	6.82E-14
220	5.45E-14
221	4.35E-14
222	3.46E-14
223	2.75E-14
224	2.18E-14
225	1.73E-14
226	1.37E-14
227	1.08E-14
228	8.51E-15
229	6.69E-15
230	5.25E-15
231	4.11E-15
232	3.22E-15
233	2.51E-15
234	1.95E-15
235	1.52E-15
236	1.18E-15
237	9.12E-16
238	7.05E-16
239	5.43E-16
240	4.18E-16
241	3.21E-16
242	2.46E-16
243	1.88E-16
244	1.44E-16
245	1.09E-16
246	8.3E-17
247	6.29E-17
248	4.76E-17

249	3.59E-17
250	2.71E-17
251	2.03E-17
252	1.52E-17
253	1.14E-17
254	8.51E-18
255	6.34E-18
256	4.71E-18
257	3.49E-18
258	2.58E-18
259	1.9E-18
260	1.4E-18
261	1.03E-18
262	7.53E-19
263	5.5E-19
264	4.01E-19
265	2.91E-19
266	2.11E-19
267	1.53E-19
268	1.1E-19
269	7.92E-20
270	5.69E-20
271	4.07E-20
272	2.91E-20
273	2.07E-20
274	1.47E-20
275	1.04E-20
276	7.35E-21
277	5.17E-21
278	3.63E-21
279	2.55E-21
280	1.78E-21
281	1.24E-21
282	8.61E-22
283	5.96E-22
284	4.12E-22
285	2.84E-22
286	1.95E-22
287	1.33E-22
288	9.1E-23
289	6.19E-23
290	4.2E-23
291	2.84E-23
292	1.92E-23
293	1.29E-23
294	8.65E-24
295	5.78E-24
296	3.85E-24
297	2.56E-24
298	1.69E-24

299	1.12E-24
300	0
301	0
302	0
303	0
304	0
305	0
306	0
307	0
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486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.42477	0
February	0.44242	0
March	0.313048	0
April	0.205995	0
May	0.188869	0
June	0.165791	0
July	0.14605	0
August	0.134585	0
September	0.204443	0
October	0.32558	0
November	0.361997	0
December	0.397496	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me:body_lt_sdg_span_ming_span_sd
0.71 0 1.58 0

flight_type	prop_up	win_speed	meil_speed	soid_bsc_m	void_bsc_soid_ext_m	void_ext_s	t_act_me	nct_act	sd
Flapping	0.5	13.7	0	0.994	0	0.994	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
300	0
301	0
302	0
303	0
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487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.016	0
February	0.016	0
March	0.016	0
April	0.0163	0
May	0.0163	0
June	0.0163	0
July	0.0163	0
August	0.0162	0
September	0.016	0
October	0.016	0
November	0.016	0
December	0.016	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Herring Gul Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.595	0	1.44	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	12.8	0	0.994	0	0.994	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.055193
1	0.05216
2	0.049294
3	0.046585
4	0.044026
5	0.041606
6	0.03932
7	0.037159
8	0.035117
9	0.033187
10	0.031363
11	0.029639
12	0.028009
13	0.02647
14	0.025014
15	0.023639
16	0.022339
17	0.02111
18	0.019949
19	0.018851
20	0.017814
21	0.016833
22	0.015906
23	0.01503
24	0.014202
25	0.01342
26	0.01268
27	0.011981
28	0.01132
29	0.010696
30	0.010106
31	0.009548
32	0.00902
33	0.008522
34	0.008051
35	0.007605
36	0.007184
37	0.006787
38	0.00641
39	0.006055
40	0.005719
41	0.005402
42	0.005102
43	0.004818
44	0.00455
45	0.004296
46	0.004057
47	0.003831
48	0.003617

49 0.003415
50 0.003224
51 0.003043
52 0.002873
53 0.002711
54 0.002559
55 0.002415
56 0.002279
57 0.002151
58 0.002029
59 0.001914
60 0.001806
61 0.001704
62 0.001607
63 0.001516
64 0.001429
65 0.001348
66 0.001271
67 0.001198
68 0.001129
69 0.001065
70 0.001003
71 0.000946
72 0.000891
73 0.000839
74 0.000791
75 0.000745
76 0.000701
77 0.000661
78 0.000622
79 0.000585
80 0.000551
81 0.000519
82 0.000488
83 0.000459
84 0.000432
85 0.000406
86 0.000382
87 0.000359
88 0.000338
89 0.000317
90 0.000298
91 0.00028
92 0.000263
93 0.000247
94 0.000232
95 0.000218
96 0.000205
97 0.000192
98 0.00018

99	0.000169
100	0.000159
101	0.000149
102	0.000139
103	0.000131
104	0.000122
105	0.000115
106	0.000107
107	0.000101
108	9.41E-05
109	0.000088
110	8.24E-05
111	0.000077
112	0.000072
113	6.73E-05
114	6.29E-05
115	5.88E-05
116	5.49E-05
117	5.13E-05
118	4.79E-05
119	4.47E-05
120	4.17E-05
121	3.88E-05
122	3.62E-05
123	3.38E-05
124	3.14E-05
125	2.93E-05
126	2.73E-05
127	2.54E-05
128	2.36E-05
129	0.000022
130	2.04E-05
131	0.000019
132	1.76E-05
133	1.64E-05
134	1.52E-05
135	1.41E-05
136	1.31E-05
137	1.21E-05
138	1.12E-05
139	1.04E-05
140	9.63E-06
141	8.91E-06
142	8.25E-06
143	7.63E-06
144	7.05E-06
145	6.51E-06
146	6.01E-06
147	5.55E-06
148	5.12E-06

149	4.72E-06
150	4.35E-06
151	4.01E-06
152	3.69E-06
153	3.4E-06
154	3.13E-06
155	2.87E-06
156	2.64E-06
157	2.43E-06
158	2.23E-06
159	2.04E-06
160	1.87E-06
161	1.72E-06
162	1.57E-06
163	1.44E-06
164	1.32E-06
165	1.2E-06
166	1.1E-06
167	0.000001
168	9.17E-07
169	8.36E-07
170	7.62E-07
171	6.94E-07
172	6.32E-07
173	5.75E-07
174	5.23E-07
175	4.75E-07
176	4.31E-07
177	3.91E-07
178	3.55E-07
179	3.22E-07
180	2.91E-07
181	2.64E-07
182	2.38E-07
183	2.15E-07
184	1.94E-07
185	1.75E-07
186	1.58E-07
187	1.42E-07
188	1.28E-07
189	1.15E-07
190	1.04E-07
191	9.32E-08
192	8.36E-08
193	7.5E-08
194	6.72E-08
195	6.01E-08
196	5.38E-08
197	4.81E-08
198	4.29E-08

199	3.83E-08
200	3.42E-08
201	3.04E-08
202	2.71E-08
203	2.41E-08
204	2.14E-08
205	1.9E-08
206	1.68E-08
207	1.49E-08
208	1.32E-08
209	1.17E-08
210	1.03E-08
211	9.11E-09
212	8.03E-09
213	7.07E-09
214	6.23E-09
215	5.47E-09
216	4.81E-09
217	4.22E-09
218	3.7E-09
219	3.24E-09
220	2.83E-09
221	2.48E-09
222	2.16E-09
223	1.88E-09
224	1.64E-09
225	1.43E-09
226	1.24E-09
227	1.08E-09
228	9.35E-10
229	8.1E-10
230	7.01E-10
231	6.06E-10
232	5.23E-10
233	4.51E-10
234	3.89E-10
235	3.34E-10
236	2.87E-10
237	2.47E-10
238	2.11E-10
239	1.81E-10
240	1.55E-10
241	1.32E-10
242	1.13E-10
243	9.61E-11
244	8.18E-11
245	6.95E-11
246	5.9E-11
247	5E-11
248	4.23E-11

249	3.58E-11
250	3.02E-11
251	2.55E-11
252	2.14E-11
253	1.8E-11
254	1.51E-11
255	1.27E-11
256	1.06E-11
257	8.89E-12
258	7.42E-12
259	6.19E-12
260	5.15E-12
261	4.28E-12
262	3.56E-12
263	2.95E-12
264	2.44E-12
265	2.02E-12
266	1.66E-12
267	1.37E-12
268	1.13E-12
269	9.27E-13
270	7.6E-13
271	6.23E-13
272	5.09E-13
273	4.16E-13
274	3.39E-13
275	2.76E-13
276	2.24E-13
277	1.82E-13
278	1.47E-13
279	1.19E-13
280	9.6E-14
281	7.73E-14
282	6.22E-14
283	4.99E-14
284	4E-14
285	3.2E-14
286	2.56E-14
287	2.04E-14
288	1.62E-14
289	1.29E-14
290	1.02E-14
291	8.11E-15
292	6.41E-15
293	5.06E-15
294	3.98E-15
295	3.13E-15
296	2.46E-15
297	1.92E-15
298	1.5E-15

299	1.17E-15
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488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.221868	0
February	0.243065	0
March	0.240725	0
April	0.217719	0
May	0.183638	0
June	0.141669	0
July	0.109885	0
August	0.096796	0
September	0.102728	0
October	0.122066	0
November	0.154824	0
December	0.19104	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Northern (Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.935	0	1.73	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Gliding		0.48	14.9	0	0.992	0	0.992	0	0.08	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.098314
1	0.088657
2	0.079948
3	0.072095
4	0.065013
5	0.058626
6	0.052867
7	0.047673
8	0.04299
9	0.038766
10	0.034957
11	0.031522
12	0.028425
13	0.025631
14	0.023112
15	0.020841
16	0.018792
17	0.016944
18	0.015278
19	0.013775
20	0.01242
21	0.011199
22	0.010097
23	0.009103
24	0.008207
25	0.007398
26	0.00667
27	0.006013
28	0.00542
29	0.004886
30	0.004404
31	0.003969
32	0.003577
33	0.003224
34	0.002906
35	0.002618
36	0.002359
37	0.002126
38	0.001915
39	0.001726
40	0.001555
41	0.0014
42	0.001261
43	0.001136
44	0.001023
45	0.000921
46	0.00083
47	0.000747
48	0.000673

49	0.000605
50	0.000545
51	0.00049
52	0.000441
53	0.000397
54	0.000357
55	0.000321
56	0.000289
57	0.00026
58	0.000234
59	0.00021
60	0.000189
61	0.00017
62	0.000153
63	0.000137
64	0.000123
65	0.000111
66	9.94E-05
67	8.92E-05
68	8.01E-05
69	7.19E-05
70	6.45E-05
71	5.79E-05
72	5.19E-05
73	4.66E-05
74	4.17E-05
75	3.74E-05
76	3.35E-05
77	0.00003
78	2.69E-05
79	2.41E-05
80	2.16E-05
81	1.93E-05
82	1.73E-05
83	1.55E-05
84	1.38E-05
85	1.24E-05
86	0.000011
87	9.87E-06
88	8.82E-06
89	7.87E-06
90	7.03E-06
91	6.27E-06
92	5.59E-06
93	4.99E-06
94	4.45E-06
95	3.96E-06
96	3.53E-06
97	3.14E-06
98	2.8E-06

99	2.49E-06
100	2.21E-06
101	1.97E-06
102	1.75E-06
103	1.55E-06
104	1.38E-06
105	1.22E-06
106	1.09E-06
107	9.63E-07
108	8.53E-07
109	7.56E-07
110	6.69E-07
111	5.92E-07
112	5.24E-07
113	4.63E-07
114	4.09E-07
115	3.61E-07
116	3.19E-07
117	2.81E-07
118	2.48E-07
119	2.19E-07
120	1.93E-07
121	1.7E-07
122	1.49E-07
123	1.31E-07
124	1.15E-07
125	1.01E-07
126	8.87E-08
127	7.78E-08
128	6.82E-08
129	5.97E-08
130	5.23E-08
131	4.57E-08
132	4E-08
133	3.49E-08
134	3.05E-08
135	2.66E-08
136	2.32E-08
137	2.02E-08
138	1.75E-08
139	1.53E-08
140	1.33E-08
141	1.15E-08
142	9.98E-09
143	8.65E-09
144	7.49E-09
145	6.49E-09
146	5.61E-09
147	4.84E-09
148	4.18E-09

149	3.61E-09
150	3.11E-09
151	2.67E-09
152	2.3E-09
153	1.98E-09
154	1.7E-09
155	1.46E-09
156	1.25E-09
157	1.07E-09
158	9.12E-10
159	7.8E-10
160	6.65E-10
161	5.67E-10
162	4.83E-10
163	4.11E-10
164	3.49E-10
165	2.96E-10
166	2.51E-10
167	2.13E-10
168	1.8E-10
169	1.52E-10
170	1.29E-10
171	1.08E-10
172	9.13E-11
173	7.68E-11
174	6.46E-11
175	5.42E-11
176	4.54E-11
177	3.8E-11
178	3.18E-11
179	2.66E-11
180	2.21E-11
181	1.84E-11
182	1.53E-11
183	1.27E-11
184	1.06E-11
185	8.76E-12
186	7.25E-12
187	5.99E-12
188	4.94E-12
189	4.07E-12
190	3.35E-12
191	2.75E-12
192	2.26E-12
193	1.85E-12
194	1.51E-12
195	1.24E-12
196	1.01E-12
197	8.22E-13
198	6.68E-13

199	5.42E-13
200	4.4E-13
201	3.56E-13
202	2.87E-13
203	2.32E-13
204	1.87E-13
205	1.5E-13
206	1.21E-13
207	9.66E-14
208	7.73E-14
209	6.17E-14
210	4.92E-14
211	3.92E-14
212	3.11E-14
213	2.47E-14
214	1.95E-14
215	1.54E-14
216	1.22E-14
217	9.58E-15
218	7.53E-15
219	5.9E-15
220	4.62E-15
221	3.61E-15
222	2.82E-15
223	2.19E-15
224	1.7E-15
225	1.32E-15
226	1.02E-15
227	7.89E-16
228	6.08E-16
229	4.67E-16
230	3.59E-16
231	2.75E-16
232	2.1E-16
233	1.6E-16
234	1.22E-16
235	9.24E-17
236	7E-17
237	5.29E-17
238	3.99E-17
239	3.01E-17
240	2.26E-17
241	1.69E-17
242	1.26E-17
243	9.42E-18
244	7.01E-18
245	5.2E-18
246	3.85E-18
247	2.85E-18
248	2.1E-18

249	1.54E-18
250	1.13E-18
251	8.28E-19
252	6.04E-19
253	4.4E-19
254	3.19E-19
255	2.31E-19
256	1.67E-19
257	1.2E-19
258	8.65E-20
259	6.2E-20
260	4.43E-20
261	3.16E-20
262	2.25E-20
263	1.59E-20
264	1.13E-20
265	7.95E-21
266	5.59E-21
267	3.92E-21
268	2.74E-21
269	1.91E-21
270	1.33E-21
271	9.22E-22
272	6.38E-22
273	4.4E-22
274	3.02E-22
275	2.07E-22
276	1.42E-22
277	9.64E-23
278	6.55E-23
279	4.44E-23
280	2.99E-23
281	2.02E-23
282	1.35E-23
283	9.05E-24
284	6.03E-24
285	4.01E-24
286	2.66E-24
287	1.75E-24
288	1.15E-24
289	7.57E-25
290	4.95E-25
291	3.23E-25
292	2.1E-25
293	1.36E-25
294	8.76E-26
295	5.64E-26
296	3.61E-26
297	2.31E-26
298	1.47E-26

299	9.31E-27
300	0
301	0
302	0
303	0
304	0
305	0
306	0
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487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.066644	0
February	0.062368	0
March	0.074102	0
April	0.093689	0
May	0.10536	0
June	0.125068	0
July	0.147049	0
August	0.162865	0
September	0.160552	0
October	0.120452	0
November	0.085653	0
December	0.074106	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
Demo Win	160	53.45	15.2	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed	m	n_speed	sd
3	53.5	40.5	4.2	probDist	15	0	13	0		

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

Rhyl_94operation

spp_label generic_fhe_specific_sity_input_ions_aggr_level

Black-legg Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.39	0	1.08	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.1	0	0.992	0	0.992	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.090443
1	0.082273
2	0.074841
3	0.06808
4	0.061929
5	0.056334
6	0.051245
7	0.046615
8	0.042403
9	0.038572
10	0.035086
11	0.031916
12	0.029031
13	0.026407
14	0.02402
15	0.021849
16	0.019873
17	0.018076
18	0.016441
19	0.014954
20	0.013601
21	0.01237
22	0.011251
23	0.010232
24	0.009305
25	0.008462
26	0.007696
27	0.006998
28	0.006364
29	0.005786
30	0.005261
31	0.004784
32	0.004349
33	0.003954
34	0.003595
35	0.003268
36	0.00297
37	0.0027
38	0.002454
39	0.00223
40	0.002027
41	0.001842
42	0.001674
43	0.001521
44	0.001382
45	0.001255
46	0.00114
47	0.001036
48	0.00094

49	0.000854
50	0.000776
51	0.000704
52	0.000639
53	0.00058
54	0.000527
55	0.000478
56	0.000434
57	0.000394
58	0.000357
59	0.000324
60	0.000294
61	0.000266
62	0.000241
63	0.000219
64	0.000198
65	0.00018
66	0.000163
67	0.000148
68	0.000134
69	0.000121
70	0.00011
71	9.93E-05
72	8.98E-05
73	8.13E-05
74	7.36E-05
75	6.65E-05
76	6.02E-05
77	5.44E-05
78	4.92E-05
79	4.44E-05
80	4.02E-05
81	3.63E-05
82	3.28E-05
83	2.96E-05
84	2.67E-05
85	2.41E-05
86	2.17E-05
87	1.96E-05
88	1.77E-05
89	1.59E-05
90	1.43E-05
91	1.29E-05
92	1.16E-05
93	1.05E-05
94	9.43E-06
95	8.48E-06
96	7.63E-06
97	6.86E-06
98	6.16E-06

99	5.54E-06
100	4.97E-06
101	4.46E-06
102	0.000004
103	3.59E-06
104	3.22E-06
105	2.89E-06
106	2.59E-06
107	2.32E-06
108	2.07E-06
109	1.85E-06
110	1.66E-06
111	1.48E-06
112	1.32E-06
113	1.18E-06
114	1.06E-06
115	9.42E-07
116	8.4E-07
117	7.49E-07
118	6.67E-07
119	5.94E-07
120	5.29E-07
121	4.7E-07
122	4.18E-07
123	3.71E-07
124	3.3E-07
125	2.93E-07
126	2.6E-07
127	2.3E-07
128	2.04E-07
129	1.81E-07
130	1.6E-07
131	1.41E-07
132	1.25E-07
133	1.1E-07
134	9.73E-08
135	8.58E-08
136	7.56E-08
137	6.66E-08
138	5.86E-08
139	5.16E-08
140	4.53E-08
141	3.98E-08
142	3.5E-08
143	3.07E-08
144	2.69E-08
145	2.35E-08
146	2.06E-08
147	1.8E-08
148	1.57E-08

149	1.37E-08
150	1.2E-08
151	1.04E-08
152	9.09E-09
153	7.91E-09
154	6.87E-09
155	5.97E-09
156	5.18E-09
157	4.49E-09
158	3.89E-09
159	3.37E-09
160	2.91E-09
161	2.51E-09
162	2.17E-09
163	1.87E-09
164	1.61E-09
165	1.39E-09
166	1.19E-09
167	1.02E-09
168	8.78E-10
169	7.53E-10
170	6.44E-10
171	5.51E-10
172	4.71E-10
173	4.02E-10
174	3.43E-10
175	2.92E-10
176	2.48E-10
177	2.11E-10
178	1.79E-10
179	1.52E-10
180	1.28E-10
181	1.09E-10
182	9.17E-11
183	7.74E-11
184	6.52E-11
185	5.49E-11
186	4.61E-11
187	3.87E-11
188	3.25E-11
189	2.72E-11
190	2.27E-11
191	1.9E-11
192	1.58E-11
193	1.32E-11
194	1.1E-11
195	9.12E-12
196	7.57E-12
197	6.27E-12
198	5.19E-12

199	4.28E-12
200	3.53E-12
201	2.91E-12
202	2.4E-12
203	1.97E-12
204	1.61E-12
205	1.32E-12
206	1.08E-12
207	8.82E-13
208	7.19E-13
209	5.85E-13
210	4.75E-13
211	3.86E-13
212	3.12E-13
213	2.53E-13
214	2.04E-13
215	1.64E-13
216	1.32E-13
217	1.06E-13
218	8.52E-14
219	6.82E-14
220	5.45E-14
221	4.35E-14
222	3.46E-14
223	2.75E-14
224	2.18E-14
225	1.73E-14
226	1.37E-14
227	1.08E-14
228	8.51E-15
229	6.69E-15
230	5.25E-15
231	4.11E-15
232	3.22E-15
233	2.51E-15
234	1.95E-15
235	1.52E-15
236	1.18E-15
237	9.12E-16
238	7.05E-16
239	5.43E-16
240	4.18E-16
241	3.21E-16
242	2.46E-16
243	1.88E-16
244	1.44E-16
245	1.09E-16
246	8.3E-17
247	6.29E-17
248	4.76E-17

249	3.59E-17
250	2.71E-17
251	2.03E-17
252	1.52E-17
253	1.14E-17
254	8.51E-18
255	6.34E-18
256	4.71E-18
257	3.49E-18
258	2.58E-18
259	1.9E-18
260	1.4E-18
261	1.03E-18
262	7.53E-19
263	5.5E-19
264	4.01E-19
265	2.91E-19
266	2.11E-19
267	1.53E-19
268	1.1E-19
269	7.92E-20
270	5.69E-20
271	4.07E-20
272	2.91E-20
273	2.07E-20
274	1.47E-20
275	1.04E-20
276	7.35E-21
277	5.17E-21
278	3.63E-21
279	2.55E-21
280	1.78E-21
281	1.24E-21
282	8.61E-22
283	5.96E-22
284	4.12E-22
285	2.84E-22
286	1.95E-22
287	1.33E-22
288	9.1E-23
289	6.19E-23
290	4.2E-23
291	2.84E-23
292	1.92E-23
293	1.29E-23
294	8.65E-24
295	5.78E-24
296	3.85E-24
297	2.56E-24
298	1.69E-24

299	1.12E-24
300	0
301	0
302	0
303	0
304	0
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306	0
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488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.42	0
February	0.44	0
March	0.32	0
April	0.22	0
May	0.2	0
June	0.17	0
July	0.15	0
August	0.14	0
September	0.21	0
October	0.32	0
November	0.36	0
December	0.39	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Herring Gul Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.595	0	1.44	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	12.8	0	0.994	0	0.994	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.055193
1	0.05216
2	0.049294
3	0.046585
4	0.044026
5	0.041606
6	0.03932
7	0.037159
8	0.035117
9	0.033187
10	0.031363
11	0.029639
12	0.028009
13	0.02647
14	0.025014
15	0.023639
16	0.022339
17	0.02111
18	0.019949
19	0.018851
20	0.017814
21	0.016833
22	0.015906
23	0.01503
24	0.014202
25	0.01342
26	0.01268
27	0.011981
28	0.01132
29	0.010696
30	0.010106
31	0.009548
32	0.00902
33	0.008522
34	0.008051
35	0.007605
36	0.007184
37	0.006787
38	0.00641
39	0.006055
40	0.005719
41	0.005402
42	0.005102
43	0.004818
44	0.00455
45	0.004296
46	0.004057
47	0.003831
48	0.003617

49 0.003415
50 0.003224
51 0.003043
52 0.002873
53 0.002711
54 0.002559
55 0.002415
56 0.002279
57 0.002151
58 0.002029
59 0.001914
60 0.001806
61 0.001704
62 0.001607
63 0.001516
64 0.001429
65 0.001348
66 0.001271
67 0.001198
68 0.001129
69 0.001065
70 0.001003
71 0.000946
72 0.000891
73 0.000839
74 0.000791
75 0.000745
76 0.000701
77 0.000661
78 0.000622
79 0.000585
80 0.000551
81 0.000519
82 0.000488
83 0.000459
84 0.000432
85 0.000406
86 0.000382
87 0.000359
88 0.000338
89 0.000317
90 0.000298
91 0.00028
92 0.000263
93 0.000247
94 0.000232
95 0.000218
96 0.000205
97 0.000192
98 0.00018

99	0.000169
100	0.000159
101	0.000149
102	0.000139
103	0.000131
104	0.000122
105	0.000115
106	0.000107
107	0.000101
108	9.41E-05
109	0.000088
110	8.24E-05
111	0.000077
112	0.000072
113	6.73E-05
114	6.29E-05
115	5.88E-05
116	5.49E-05
117	5.13E-05
118	4.79E-05
119	4.47E-05
120	4.17E-05
121	3.88E-05
122	3.62E-05
123	3.38E-05
124	3.14E-05
125	2.93E-05
126	2.73E-05
127	2.54E-05
128	2.36E-05
129	0.000022
130	2.04E-05
131	0.000019
132	1.76E-05
133	1.64E-05
134	1.52E-05
135	1.41E-05
136	1.31E-05
137	1.21E-05
138	1.12E-05
139	1.04E-05
140	9.63E-06
141	8.91E-06
142	8.25E-06
143	7.63E-06
144	7.05E-06
145	6.51E-06
146	6.01E-06
147	5.55E-06
148	5.12E-06

149	4.72E-06
150	4.35E-06
151	4.01E-06
152	3.69E-06
153	3.4E-06
154	3.13E-06
155	2.87E-06
156	2.64E-06
157	2.43E-06
158	2.23E-06
159	2.04E-06
160	1.87E-06
161	1.72E-06
162	1.57E-06
163	1.44E-06
164	1.32E-06
165	1.2E-06
166	1.1E-06
167	0.000001
168	9.17E-07
169	8.36E-07
170	7.62E-07
171	6.94E-07
172	6.32E-07
173	5.75E-07
174	5.23E-07
175	4.75E-07
176	4.31E-07
177	3.91E-07
178	3.55E-07
179	3.22E-07
180	2.91E-07
181	2.64E-07
182	2.38E-07
183	2.15E-07
184	1.94E-07
185	1.75E-07
186	1.58E-07
187	1.42E-07
188	1.28E-07
189	1.15E-07
190	1.04E-07
191	9.32E-08
192	8.36E-08
193	7.5E-08
194	6.72E-08
195	6.01E-08
196	5.38E-08
197	4.81E-08
198	4.29E-08

199	3.83E-08
200	3.42E-08
201	3.04E-08
202	2.71E-08
203	2.41E-08
204	2.14E-08
205	1.9E-08
206	1.68E-08
207	1.49E-08
208	1.32E-08
209	1.17E-08
210	1.03E-08
211	9.11E-09
212	8.03E-09
213	7.07E-09
214	6.23E-09
215	5.47E-09
216	4.81E-09
217	4.22E-09
218	3.7E-09
219	3.24E-09
220	2.83E-09
221	2.48E-09
222	2.16E-09
223	1.88E-09
224	1.64E-09
225	1.43E-09
226	1.24E-09
227	1.08E-09
228	9.35E-10
229	8.1E-10
230	7.01E-10
231	6.06E-10
232	5.23E-10
233	4.51E-10
234	3.89E-10
235	3.34E-10
236	2.87E-10
237	2.47E-10
238	2.11E-10
239	1.81E-10
240	1.55E-10
241	1.32E-10
242	1.13E-10
243	9.61E-11
244	8.18E-11
245	6.95E-11
246	5.9E-11
247	5E-11
248	4.23E-11

249	3.58E-11
250	3.02E-11
251	2.55E-11
252	2.14E-11
253	1.8E-11
254	1.51E-11
255	1.27E-11
256	1.06E-11
257	8.89E-12
258	7.42E-12
259	6.19E-12
260	5.15E-12
261	4.28E-12
262	3.56E-12
263	2.95E-12
264	2.44E-12
265	2.02E-12
266	1.66E-12
267	1.37E-12
268	1.13E-12
269	9.27E-13
270	7.6E-13
271	6.23E-13
272	5.09E-13
273	4.16E-13
274	3.39E-13
275	2.76E-13
276	2.24E-13
277	1.82E-13
278	1.47E-13
279	1.19E-13
280	9.6E-14
281	7.73E-14
282	6.22E-14
283	4.99E-14
284	4E-14
285	3.2E-14
286	2.56E-14
287	2.04E-14
288	1.62E-14
289	1.29E-14
290	1.02E-14
291	8.11E-15
292	6.41E-15
293	5.06E-15
294	3.98E-15
295	3.13E-15
296	2.46E-15
297	1.92E-15
298	1.5E-15

299	1.17E-15
300	0
301	0
302	0
303	0
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305	0
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487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.29	0
February	0.32	0
March	0.44	0
April	0.53	0
May	0.45	0
June	0.35	0
July	0.27	0
August	0.16	0
September	0.12	0
October	0.15	0
November	0.19	0
December	0.24	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Northern (Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.935	0	1.73	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc_m	void_bsc_soid_ext_m	void_ext_s	t_act_me	nct_act	sd	
Gliding		0.5	14.9	0	0.992	0	0.992	0	0.08	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.098314
1	0.088657
2	0.079948
3	0.072095
4	0.065013
5	0.058626
6	0.052867
7	0.047673
8	0.04299
9	0.038766
10	0.034957
11	0.031522
12	0.028425
13	0.025631
14	0.023112
15	0.020841
16	0.018792
17	0.016944
18	0.015278
19	0.013775
20	0.01242
21	0.011199
22	0.010097
23	0.009103
24	0.008207
25	0.007398
26	0.00667
27	0.006013
28	0.00542
29	0.004886
30	0.004404
31	0.003969
32	0.003577
33	0.003224
34	0.002906
35	0.002618
36	0.002359
37	0.002126
38	0.001915
39	0.001726
40	0.001555
41	0.0014
42	0.001261
43	0.001136
44	0.001023
45	0.000921
46	0.00083
47	0.000747
48	0.000673

49	0.000605
50	0.000545
51	0.00049
52	0.000441
53	0.000397
54	0.000357
55	0.000321
56	0.000289
57	0.00026
58	0.000234
59	0.00021
60	0.000189
61	0.00017
62	0.000153
63	0.000137
64	0.000123
65	0.000111
66	9.94E-05
67	8.92E-05
68	8.01E-05
69	7.19E-05
70	6.45E-05
71	5.79E-05
72	5.19E-05
73	4.66E-05
74	4.17E-05
75	3.74E-05
76	3.35E-05
77	0.00003
78	2.69E-05
79	2.41E-05
80	2.16E-05
81	1.93E-05
82	1.73E-05
83	1.55E-05
84	1.38E-05
85	1.24E-05
86	0.000011
87	9.87E-06
88	8.82E-06
89	7.87E-06
90	7.03E-06
91	6.27E-06
92	5.59E-06
93	4.99E-06
94	4.45E-06
95	3.96E-06
96	3.53E-06
97	3.14E-06
98	2.8E-06

99	2.49E-06
100	2.21E-06
101	1.97E-06
102	1.75E-06
103	1.55E-06
104	1.38E-06
105	1.22E-06
106	1.09E-06
107	9.63E-07
108	8.53E-07
109	7.56E-07
110	6.69E-07
111	5.92E-07
112	5.24E-07
113	4.63E-07
114	4.09E-07
115	3.61E-07
116	3.19E-07
117	2.81E-07
118	2.48E-07
119	2.19E-07
120	1.93E-07
121	1.7E-07
122	1.49E-07
123	1.31E-07
124	1.15E-07
125	1.01E-07
126	8.87E-08
127	7.78E-08
128	6.82E-08
129	5.97E-08
130	5.23E-08
131	4.57E-08
132	4E-08
133	3.49E-08
134	3.05E-08
135	2.66E-08
136	2.32E-08
137	2.02E-08
138	1.75E-08
139	1.53E-08
140	1.33E-08
141	1.15E-08
142	9.98E-09
143	8.65E-09
144	7.49E-09
145	6.49E-09
146	5.61E-09
147	4.84E-09
148	4.18E-09

149	3.61E-09
150	3.11E-09
151	2.67E-09
152	2.3E-09
153	1.98E-09
154	1.7E-09
155	1.46E-09
156	1.25E-09
157	1.07E-09
158	9.12E-10
159	7.8E-10
160	6.65E-10
161	5.67E-10
162	4.83E-10
163	4.11E-10
164	3.49E-10
165	2.96E-10
166	2.51E-10
167	2.13E-10
168	1.8E-10
169	1.52E-10
170	1.29E-10
171	1.08E-10
172	9.13E-11
173	7.68E-11
174	6.46E-11
175	5.42E-11
176	4.54E-11
177	3.8E-11
178	3.18E-11
179	2.66E-11
180	2.21E-11
181	1.84E-11
182	1.53E-11
183	1.27E-11
184	1.06E-11
185	8.76E-12
186	7.25E-12
187	5.99E-12
188	4.94E-12
189	4.07E-12
190	3.35E-12
191	2.75E-12
192	2.26E-12
193	1.85E-12
194	1.51E-12
195	1.24E-12
196	1.01E-12
197	8.22E-13
198	6.68E-13

199	5.42E-13
200	4.4E-13
201	3.56E-13
202	2.87E-13
203	2.32E-13
204	1.87E-13
205	1.5E-13
206	1.21E-13
207	9.66E-14
208	7.73E-14
209	6.17E-14
210	4.92E-14
211	3.92E-14
212	3.11E-14
213	2.47E-14
214	1.95E-14
215	1.54E-14
216	1.22E-14
217	9.58E-15
218	7.53E-15
219	5.9E-15
220	4.62E-15
221	3.61E-15
222	2.82E-15
223	2.19E-15
224	1.7E-15
225	1.32E-15
226	1.02E-15
227	7.89E-16
228	6.08E-16
229	4.67E-16
230	3.59E-16
231	2.75E-16
232	2.1E-16
233	1.6E-16
234	1.22E-16
235	9.24E-17
236	7E-17
237	5.29E-17
238	3.99E-17
239	3.01E-17
240	2.26E-17
241	1.69E-17
242	1.26E-17
243	9.42E-18
244	7.01E-18
245	5.2E-18
246	3.85E-18
247	2.85E-18
248	2.1E-18

249	1.54E-18
250	1.13E-18
251	8.28E-19
252	6.04E-19
253	4.4E-19
254	3.19E-19
255	2.31E-19
256	1.67E-19
257	1.2E-19
258	8.65E-20
259	6.2E-20
260	4.43E-20
261	3.16E-20
262	2.25E-20
263	1.59E-20
264	1.13E-20
265	7.95E-21
266	5.59E-21
267	3.92E-21
268	2.74E-21
269	1.91E-21
270	1.33E-21
271	9.22E-22
272	6.38E-22
273	4.4E-22
274	3.02E-22
275	2.07E-22
276	1.42E-22
277	9.64E-23
278	6.55E-23
279	4.44E-23
280	2.99E-23
281	2.02E-23
282	1.35E-23
283	9.05E-24
284	6.03E-24
285	4.01E-24
286	2.66E-24
287	1.75E-24
288	1.15E-24
289	7.57E-25
290	4.95E-25
291	3.23E-25
292	2.1E-25
293	1.36E-25
294	8.76E-26
295	5.64E-26
296	3.61E-26
297	2.31E-26
298	1.47E-26

299	9.31E-27
300	0
301	0
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303	0
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492	0
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496	0
497	0
498	0

month	mean	sd
January	0.24	0
February	0.26	0
March	0.26	0
April	0.23	0
May	0.19	0
June	0.15	0
July	0.12	0
August	0.1	0
September	0.11	0
October	0.13	0
November	0.16	0
December	0.2	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
Demo Win	25	53.38	5.6	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed_m	n_speed_sd
3	53.5	22.5	4.2	probDist	15	0	13.5	0

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

spp_label; generic_fhe_specific_sity_input_ions_aggr_level

Black-legg; Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.39	0	1.08	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.1	0	0.992	0	0.992	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.090443
1	0.082273
2	0.074841
3	0.06808
4	0.061929
5	0.056334
6	0.051245
7	0.046615
8	0.042403
9	0.038572
10	0.035086
11	0.031916
12	0.029031
13	0.026407
14	0.02402
15	0.021849
16	0.019873
17	0.018076
18	0.016441
19	0.014954
20	0.013601
21	0.01237
22	0.011251
23	0.010232
24	0.009305
25	0.008462
26	0.007696
27	0.006998
28	0.006364
29	0.005786
30	0.005261
31	0.004784
32	0.004349
33	0.003954
34	0.003595
35	0.003268
36	0.00297
37	0.0027
38	0.002454
39	0.00223
40	0.002027
41	0.001842
42	0.001674
43	0.001521
44	0.001382
45	0.001255
46	0.00114
47	0.001036
48	0.00094

49	0.000854
50	0.000776
51	0.000704
52	0.000639
53	0.00058
54	0.000527
55	0.000478
56	0.000434
57	0.000394
58	0.000357
59	0.000324
60	0.000294
61	0.000266
62	0.000241
63	0.000219
64	0.000198
65	0.00018
66	0.000163
67	0.000148
68	0.000134
69	0.000121
70	0.00011
71	9.93E-05
72	8.98E-05
73	8.13E-05
74	7.36E-05
75	6.65E-05
76	6.02E-05
77	5.44E-05
78	4.92E-05
79	4.44E-05
80	4.02E-05
81	3.63E-05
82	3.28E-05
83	2.96E-05
84	2.67E-05
85	2.41E-05
86	2.17E-05
87	1.96E-05
88	1.77E-05
89	1.59E-05
90	1.43E-05
91	1.29E-05
92	1.16E-05
93	1.05E-05
94	9.43E-06
95	8.48E-06
96	7.63E-06
97	6.86E-06
98	6.16E-06

99	5.54E-06
100	4.97E-06
101	4.46E-06
102	0.000004
103	3.59E-06
104	3.22E-06
105	2.89E-06
106	2.59E-06
107	2.32E-06
108	2.07E-06
109	1.85E-06
110	1.66E-06
111	1.48E-06
112	1.32E-06
113	1.18E-06
114	1.06E-06
115	9.42E-07
116	8.4E-07
117	7.49E-07
118	6.67E-07
119	5.94E-07
120	5.29E-07
121	4.7E-07
122	4.18E-07
123	3.71E-07
124	3.3E-07
125	2.93E-07
126	2.6E-07
127	2.3E-07
128	2.04E-07
129	1.81E-07
130	1.6E-07
131	1.41E-07
132	1.25E-07
133	1.1E-07
134	9.73E-08
135	8.58E-08
136	7.56E-08
137	6.66E-08
138	5.86E-08
139	5.16E-08
140	4.53E-08
141	3.98E-08
142	3.5E-08
143	3.07E-08
144	2.69E-08
145	2.35E-08
146	2.06E-08
147	1.8E-08
148	1.57E-08

149	1.37E-08
150	1.2E-08
151	1.04E-08
152	9.09E-09
153	7.91E-09
154	6.87E-09
155	5.97E-09
156	5.18E-09
157	4.49E-09
158	3.89E-09
159	3.37E-09
160	2.91E-09
161	2.51E-09
162	2.17E-09
163	1.87E-09
164	1.61E-09
165	1.39E-09
166	1.19E-09
167	1.02E-09
168	8.78E-10
169	7.53E-10
170	6.44E-10
171	5.51E-10
172	4.71E-10
173	4.02E-10
174	3.43E-10
175	2.92E-10
176	2.48E-10
177	2.11E-10
178	1.79E-10
179	1.52E-10
180	1.28E-10
181	1.09E-10
182	9.17E-11
183	7.74E-11
184	6.52E-11
185	5.49E-11
186	4.61E-11
187	3.87E-11
188	3.25E-11
189	2.72E-11
190	2.27E-11
191	1.9E-11
192	1.58E-11
193	1.32E-11
194	1.1E-11
195	9.12E-12
196	7.57E-12
197	6.27E-12
198	5.19E-12

199	4.28E-12
200	3.53E-12
201	2.91E-12
202	2.4E-12
203	1.97E-12
204	1.61E-12
205	1.32E-12
206	1.08E-12
207	8.82E-13
208	7.19E-13
209	5.85E-13
210	4.75E-13
211	3.86E-13
212	3.12E-13
213	2.53E-13
214	2.04E-13
215	1.64E-13
216	1.32E-13
217	1.06E-13
218	8.52E-14
219	6.82E-14
220	5.45E-14
221	4.35E-14
222	3.46E-14
223	2.75E-14
224	2.18E-14
225	1.73E-14
226	1.37E-14
227	1.08E-14
228	8.51E-15
229	6.69E-15
230	5.25E-15
231	4.11E-15
232	3.22E-15
233	2.51E-15
234	1.95E-15
235	1.52E-15
236	1.18E-15
237	9.12E-16
238	7.05E-16
239	5.43E-16
240	4.18E-16
241	3.21E-16
242	2.46E-16
243	1.88E-16
244	1.44E-16
245	1.09E-16
246	8.3E-17
247	6.29E-17
248	4.76E-17

249	3.59E-17
250	2.71E-17
251	2.03E-17
252	1.52E-17
253	1.14E-17
254	8.51E-18
255	6.34E-18
256	4.71E-18
257	3.49E-18
258	2.58E-18
259	1.9E-18
260	1.4E-18
261	1.03E-18
262	7.53E-19
263	5.5E-19
264	4.01E-19
265	2.91E-19
266	2.11E-19
267	1.53E-19
268	1.1E-19
269	7.92E-20
270	5.69E-20
271	4.07E-20
272	2.91E-20
273	2.07E-20
274	1.47E-20
275	1.04E-20
276	7.35E-21
277	5.17E-21
278	3.63E-21
279	2.55E-21
280	1.78E-21
281	1.24E-21
282	8.61E-22
283	5.96E-22
284	4.12E-22
285	2.84E-22
286	1.95E-22
287	1.33E-22
288	9.1E-23
289	6.19E-23
290	4.2E-23
291	2.84E-23
292	1.92E-23
293	1.29E-23
294	8.65E-24
295	5.78E-24
296	3.85E-24
297	2.56E-24
298	1.69E-24

299	1.12E-24
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488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.45	0
February	0.46	0
March	0.32	0
April	0.21	0
May	0.2	0
June	0.18	0
July	0.17	0
August	0.16	0
September	0.24	0
October	0.38	0
November	0.41	0
December	0.43	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Herring Gul Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.595	0	1.44	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	12.8	0	0.994	0	0.994	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.055193
1	0.05216
2	0.049294
3	0.046585
4	0.044026
5	0.041606
6	0.03932
7	0.037159
8	0.035117
9	0.033187
10	0.031363
11	0.029639
12	0.028009
13	0.02647
14	0.025014
15	0.023639
16	0.022339
17	0.02111
18	0.019949
19	0.018851
20	0.017814
21	0.016833
22	0.015906
23	0.01503
24	0.014202
25	0.01342
26	0.01268
27	0.011981
28	0.01132
29	0.010696
30	0.010106
31	0.009548
32	0.00902
33	0.008522
34	0.008051
35	0.007605
36	0.007184
37	0.006787
38	0.00641
39	0.006055
40	0.005719
41	0.005402
42	0.005102
43	0.004818
44	0.00455
45	0.004296
46	0.004057
47	0.003831
48	0.003617

49 0.003415
50 0.003224
51 0.003043
52 0.002873
53 0.002711
54 0.002559
55 0.002415
56 0.002279
57 0.002151
58 0.002029
59 0.001914
60 0.001806
61 0.001704
62 0.001607
63 0.001516
64 0.001429
65 0.001348
66 0.001271
67 0.001198
68 0.001129
69 0.001065
70 0.001003
71 0.000946
72 0.000891
73 0.000839
74 0.000791
75 0.000745
76 0.000701
77 0.000661
78 0.000622
79 0.000585
80 0.000551
81 0.000519
82 0.000488
83 0.000459
84 0.000432
85 0.000406
86 0.000382
87 0.000359
88 0.000338
89 0.000317
90 0.000298
91 0.00028
92 0.000263
93 0.000247
94 0.000232
95 0.000218
96 0.000205
97 0.000192
98 0.00018

99	0.000169
100	0.000159
101	0.000149
102	0.000139
103	0.000131
104	0.000122
105	0.000115
106	0.000107
107	0.000101
108	9.41E-05
109	0.000088
110	8.24E-05
111	0.000077
112	0.000072
113	6.73E-05
114	6.29E-05
115	5.88E-05
116	5.49E-05
117	5.13E-05
118	4.79E-05
119	4.47E-05
120	4.17E-05
121	3.88E-05
122	3.62E-05
123	3.38E-05
124	3.14E-05
125	2.93E-05
126	2.73E-05
127	2.54E-05
128	2.36E-05
129	0.000022
130	2.04E-05
131	0.000019
132	1.76E-05
133	1.64E-05
134	1.52E-05
135	1.41E-05
136	1.31E-05
137	1.21E-05
138	1.12E-05
139	1.04E-05
140	9.63E-06
141	8.91E-06
142	8.25E-06
143	7.63E-06
144	7.05E-06
145	6.51E-06
146	6.01E-06
147	5.55E-06
148	5.12E-06

149	4.72E-06
150	4.35E-06
151	4.01E-06
152	3.69E-06
153	3.4E-06
154	3.13E-06
155	2.87E-06
156	2.64E-06
157	2.43E-06
158	2.23E-06
159	2.04E-06
160	1.87E-06
161	1.72E-06
162	1.57E-06
163	1.44E-06
164	1.32E-06
165	1.2E-06
166	1.1E-06
167	0.000001
168	9.17E-07
169	8.36E-07
170	7.62E-07
171	6.94E-07
172	6.32E-07
173	5.75E-07
174	5.23E-07
175	4.75E-07
176	4.31E-07
177	3.91E-07
178	3.55E-07
179	3.22E-07
180	2.91E-07
181	2.64E-07
182	2.38E-07
183	2.15E-07
184	1.94E-07
185	1.75E-07
186	1.58E-07
187	1.42E-07
188	1.28E-07
189	1.15E-07
190	1.04E-07
191	9.32E-08
192	8.36E-08
193	7.5E-08
194	6.72E-08
195	6.01E-08
196	5.38E-08
197	4.81E-08
198	4.29E-08

199	3.83E-08
200	3.42E-08
201	3.04E-08
202	2.71E-08
203	2.41E-08
204	2.14E-08
205	1.9E-08
206	1.68E-08
207	1.49E-08
208	1.32E-08
209	1.17E-08
210	1.03E-08
211	9.11E-09
212	8.03E-09
213	7.07E-09
214	6.23E-09
215	5.47E-09
216	4.81E-09
217	4.22E-09
218	3.7E-09
219	3.24E-09
220	2.83E-09
221	2.48E-09
222	2.16E-09
223	1.88E-09
224	1.64E-09
225	1.43E-09
226	1.24E-09
227	1.08E-09
228	9.35E-10
229	8.1E-10
230	7.01E-10
231	6.06E-10
232	5.23E-10
233	4.51E-10
234	3.89E-10
235	3.34E-10
236	2.87E-10
237	2.47E-10
238	2.11E-10
239	1.81E-10
240	1.55E-10
241	1.32E-10
242	1.13E-10
243	9.61E-11
244	8.18E-11
245	6.95E-11
246	5.9E-11
247	5E-11
248	4.23E-11

249	3.58E-11
250	3.02E-11
251	2.55E-11
252	2.14E-11
253	1.8E-11
254	1.51E-11
255	1.27E-11
256	1.06E-11
257	8.89E-12
258	7.42E-12
259	6.19E-12
260	5.15E-12
261	4.28E-12
262	3.56E-12
263	2.95E-12
264	2.44E-12
265	2.02E-12
266	1.66E-12
267	1.37E-12
268	1.13E-12
269	9.27E-13
270	7.6E-13
271	6.23E-13
272	5.09E-13
273	4.16E-13
274	3.39E-13
275	2.76E-13
276	2.24E-13
277	1.82E-13
278	1.47E-13
279	1.19E-13
280	9.6E-14
281	7.73E-14
282	6.22E-14
283	4.99E-14
284	4E-14
285	3.2E-14
286	2.56E-14
287	2.04E-14
288	1.62E-14
289	1.29E-14
290	1.02E-14
291	8.11E-15
292	6.41E-15
293	5.06E-15
294	3.98E-15
295	3.13E-15
296	2.46E-15
297	1.92E-15
298	1.5E-15

299	1.17E-15
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493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.29	0
February	0.32	0
March	0.44	0
April	0.53	0
May	0.45	0
June	0.35	0
July	0.27	0
August	0.16	0
September	0.12	0
October	0.15	0
November	0.19	0
December	0.24	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Lesser Blac Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.58	0	1.43	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	12.8	0	0.994	0	0.994	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.061137
1	0.05741
2	0.05391
3	0.050623
4	0.047537
5	0.044639
6	0.041917
7	0.039361
8	0.036961
9	0.034708
10	0.032592
11	0.030604
12	0.028738
13	0.026985
14	0.02534
15	0.023794
16	0.022343
17	0.02098
18	0.0197
19	0.018498
20	0.017369
21	0.016309
22	0.015313
23	0.014378
24	0.0135
25	0.012676
26	0.011901
27	0.011174
28	0.010491
29	0.009849
30	0.009247
31	0.008681
32	0.00815
33	0.007651
34	0.007182
35	0.006742
36	0.006329
37	0.005941
38	0.005576
39	0.005234
40	0.004912
41	0.00461
42	0.004327
43	0.00406
44	0.00381
45	0.003575
46	0.003355
47	0.003148
48	0.002953

49 0.002771
50 0.002599
51 0.002438
52 0.002287
53 0.002145
54 0.002012
55 0.001887
56 0.001769
57 0.001659
58 0.001555
59 0.001458
60 0.001367
61 0.001281
62 0.001201
63 0.001125
64 0.001055
65 0.000988
66 0.000926
67 0.000867
68 0.000812
69 0.000761
70 0.000713
71 0.000667
72 0.000625
73 0.000585
74 0.000547
75 0.000512
76 0.000479
77 0.000448
78 0.00042
79 0.000392
80 0.000367
81 0.000343
82 0.000321
83 0.0003
84 0.00028
85 0.000262
86 0.000245
87 0.000229
88 0.000213
89 0.000199
90 0.000186
91 0.000174
92 0.000162
93 0.000151
94 0.000141
95 0.000132
96 0.000123
97 0.000114
98 0.000107

99	9.93E-05
100	9.25E-05
101	8.62E-05
102	8.02E-05
103	7.47E-05
104	6.95E-05
105	6.47E-05
106	6.01E-05
107	5.59E-05
108	0.000052
109	4.83E-05
110	4.49E-05
111	4.17E-05
112	3.87E-05
113	3.59E-05
114	3.33E-05
115	3.09E-05
116	2.87E-05
117	2.66E-05
118	2.46E-05
119	2.28E-05
120	2.11E-05
121	1.96E-05
122	1.81E-05
123	1.68E-05
124	1.55E-05
125	1.43E-05
126	1.32E-05
127	1.22E-05
128	1.13E-05
129	1.04E-05
130	9.61E-06
131	8.86E-06
132	8.17E-06
133	7.53E-06
134	6.93E-06
135	6.38E-06
136	5.87E-06
137	5.4E-06
138	4.97E-06
139	4.57E-06
140	4.19E-06
141	3.85E-06
142	3.53E-06
143	3.24E-06
144	2.97E-06
145	2.72E-06
146	2.49E-06
147	2.28E-06
148	2.09E-06

149	1.91E-06
150	1.74E-06
151	1.59E-06
152	1.45E-06
153	1.33E-06
154	1.21E-06
155	1.1E-06
156	0.000001
157	9.13E-07
158	8.31E-07
159	7.55E-07
160	6.86E-07
161	6.23E-07
162	5.65E-07
163	5.13E-07
164	4.65E-07
165	4.21E-07
166	3.81E-07
167	3.44E-07
168	3.11E-07
169	2.81E-07
170	2.54E-07
171	2.29E-07
172	2.06E-07
173	1.86E-07
174	1.67E-07
175	1.5E-07
176	1.35E-07
177	1.21E-07
178	1.09E-07
179	9.75E-08
180	8.74E-08
181	7.82E-08
182	6.99E-08
183	6.25E-08
184	5.58E-08
185	4.98E-08
186	4.44E-08
187	3.95E-08
188	3.52E-08
189	3.13E-08
190	2.78E-08
191	2.47E-08
192	2.19E-08
193	1.94E-08
194	1.72E-08
195	1.52E-08
196	1.34E-08
197	1.18E-08
198	1.04E-08

199	9.2E-09
200	8.1E-09
201	7.12E-09
202	6.25E-09
203	5.49E-09
204	4.81E-09
205	4.21E-09
206	3.69E-09
207	3.22E-09
208	2.81E-09
209	2.45E-09
210	2.14E-09
211	1.86E-09
212	1.62E-09
213	1.4E-09
214	1.22E-09
215	1.06E-09
216	9.14E-10
217	7.9E-10
218	6.82E-10
219	5.88E-10
220	5.07E-10
221	4.36E-10
222	3.75E-10
223	3.22E-10
224	2.76E-10
225	2.36E-10
226	2.02E-10
227	1.73E-10
228	1.47E-10
229	1.25E-10
230	1.07E-10
231	9.07E-11
232	7.7E-11
233	6.52E-11
234	5.52E-11
235	4.67E-11
236	3.94E-11
237	3.32E-11
238	2.8E-11
239	2.35E-11
240	1.97E-11
241	1.65E-11
242	1.39E-11
243	1.16E-11
244	9.67E-12
245	8.06E-12
246	6.71E-12
247	5.57E-12
248	4.63E-12

249	3.83E-12
250	3.17E-12
251	2.62E-12
252	2.16E-12
253	1.78E-12
254	1.46E-12
255	1.2E-12
256	9.84E-13
257	8.05E-13
258	6.58E-13
259	5.37E-13
260	4.37E-13
261	3.55E-13
262	2.88E-13
263	2.34E-13
264	1.89E-13
265	1.53E-13
266	1.23E-13
267	9.9E-14
268	7.95E-14
269	6.38E-14
270	5.1E-14
271	4.08E-14
272	3.25E-14
273	2.59E-14
274	2.06E-14
275	1.63E-14
276	1.29E-14
277	1.02E-14
278	8.06E-15
279	6.35E-15
280	4.99E-15
281	3.91E-15
282	3.06E-15
283	2.39E-15
284	1.87E-15
285	1.45E-15
286	1.13E-15
287	8.74E-16
288	6.76E-16
289	5.22E-16
290	4.02E-16
291	3.09E-16
292	2.37E-16
293	1.82E-16
294	1.39E-16
295	1.06E-16
296	8.04E-17
297	6.11E-17
298	4.63E-17

299	3.5E-17
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301	0
302	0
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491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.03	0
February	0.03	0
March	0.07	0
April	0.18	0
May	0.22	0
June	0.28	0
July	0.35	0
August	0.17	0
September	0.07	0
October	0.06	0
November	0.04	0
December	0.04	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Northern (Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.935	0	1.73	0

flight_type	rop_up	win_speed	me'l_speed	soid_bsc_m	void_bsc_soid_ext_m	void_ext_s	t_act_me	nct_act	sd
Gliding	0.5	14.9	0	0.992	0	0.992	0	0.08	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.098314
1	0.088657
2	0.079948
3	0.072095
4	0.065013
5	0.058626
6	0.052867
7	0.047673
8	0.04299
9	0.038766
10	0.034957
11	0.031522
12	0.028425
13	0.025631
14	0.023112
15	0.020841
16	0.018792
17	0.016944
18	0.015278
19	0.013775
20	0.01242
21	0.011199
22	0.010097
23	0.009103
24	0.008207
25	0.007398
26	0.00667
27	0.006013
28	0.00542
29	0.004886
30	0.004404
31	0.003969
32	0.003577
33	0.003224
34	0.002906
35	0.002618
36	0.002359
37	0.002126
38	0.001915
39	0.001726
40	0.001555
41	0.0014
42	0.001261
43	0.001136
44	0.001023
45	0.000921
46	0.00083
47	0.000747
48	0.000673

49	0.000605
50	0.000545
51	0.00049
52	0.000441
53	0.000397
54	0.000357
55	0.000321
56	0.000289
57	0.00026
58	0.000234
59	0.00021
60	0.000189
61	0.00017
62	0.000153
63	0.000137
64	0.000123
65	0.000111
66	9.94E-05
67	8.92E-05
68	8.01E-05
69	7.19E-05
70	6.45E-05
71	5.79E-05
72	5.19E-05
73	4.66E-05
74	4.17E-05
75	3.74E-05
76	3.35E-05
77	0.00003
78	2.69E-05
79	2.41E-05
80	2.16E-05
81	1.93E-05
82	1.73E-05
83	1.55E-05
84	1.38E-05
85	1.24E-05
86	0.000011
87	9.87E-06
88	8.82E-06
89	7.87E-06
90	7.03E-06
91	6.27E-06
92	5.59E-06
93	4.99E-06
94	4.45E-06
95	3.96E-06
96	3.53E-06
97	3.14E-06
98	2.8E-06

99	2.49E-06
100	2.21E-06
101	1.97E-06
102	1.75E-06
103	1.55E-06
104	1.38E-06
105	1.22E-06
106	1.09E-06
107	9.63E-07
108	8.53E-07
109	7.56E-07
110	6.69E-07
111	5.92E-07
112	5.24E-07
113	4.63E-07
114	4.09E-07
115	3.61E-07
116	3.19E-07
117	2.81E-07
118	2.48E-07
119	2.19E-07
120	1.93E-07
121	1.7E-07
122	1.49E-07
123	1.31E-07
124	1.15E-07
125	1.01E-07
126	8.87E-08
127	7.78E-08
128	6.82E-08
129	5.97E-08
130	5.23E-08
131	4.57E-08
132	4E-08
133	3.49E-08
134	3.05E-08
135	2.66E-08
136	2.32E-08
137	2.02E-08
138	1.75E-08
139	1.53E-08
140	1.33E-08
141	1.15E-08
142	9.98E-09
143	8.65E-09
144	7.49E-09
145	6.49E-09
146	5.61E-09
147	4.84E-09
148	4.18E-09

149	3.61E-09
150	3.11E-09
151	2.67E-09
152	2.3E-09
153	1.98E-09
154	1.7E-09
155	1.46E-09
156	1.25E-09
157	1.07E-09
158	9.12E-10
159	7.8E-10
160	6.65E-10
161	5.67E-10
162	4.83E-10
163	4.11E-10
164	3.49E-10
165	2.96E-10
166	2.51E-10
167	2.13E-10
168	1.8E-10
169	1.52E-10
170	1.29E-10
171	1.08E-10
172	9.13E-11
173	7.68E-11
174	6.46E-11
175	5.42E-11
176	4.54E-11
177	3.8E-11
178	3.18E-11
179	2.66E-11
180	2.21E-11
181	1.84E-11
182	1.53E-11
183	1.27E-11
184	1.06E-11
185	8.76E-12
186	7.25E-12
187	5.99E-12
188	4.94E-12
189	4.07E-12
190	3.35E-12
191	2.75E-12
192	2.26E-12
193	1.85E-12
194	1.51E-12
195	1.24E-12
196	1.01E-12
197	8.22E-13
198	6.68E-13

199	5.42E-13
200	4.4E-13
201	3.56E-13
202	2.87E-13
203	2.32E-13
204	1.87E-13
205	1.5E-13
206	1.21E-13
207	9.66E-14
208	7.73E-14
209	6.17E-14
210	4.92E-14
211	3.92E-14
212	3.11E-14
213	2.47E-14
214	1.95E-14
215	1.54E-14
216	1.22E-14
217	9.58E-15
218	7.53E-15
219	5.9E-15
220	4.62E-15
221	3.61E-15
222	2.82E-15
223	2.19E-15
224	1.7E-15
225	1.32E-15
226	1.02E-15
227	7.89E-16
228	6.08E-16
229	4.67E-16
230	3.59E-16
231	2.75E-16
232	2.1E-16
233	1.6E-16
234	1.22E-16
235	9.24E-17
236	7E-17
237	5.29E-17
238	3.99E-17
239	3.01E-17
240	2.26E-17
241	1.69E-17
242	1.26E-17
243	9.42E-18
244	7.01E-18
245	5.2E-18
246	3.85E-18
247	2.85E-18
248	2.1E-18

249	1.54E-18
250	1.13E-18
251	8.28E-19
252	6.04E-19
253	4.4E-19
254	3.19E-19
255	2.31E-19
256	1.67E-19
257	1.2E-19
258	8.65E-20
259	6.2E-20
260	4.43E-20
261	3.16E-20
262	2.25E-20
263	1.59E-20
264	1.13E-20
265	7.95E-21
266	5.59E-21
267	3.92E-21
268	2.74E-21
269	1.91E-21
270	1.33E-21
271	9.22E-22
272	6.38E-22
273	4.4E-22
274	3.02E-22
275	2.07E-22
276	1.42E-22
277	9.64E-23
278	6.55E-23
279	4.44E-23
280	2.99E-23
281	2.02E-23
282	1.35E-23
283	9.05E-24
284	6.03E-24
285	4.01E-24
286	2.66E-24
287	1.75E-24
288	1.15E-24
289	7.57E-25
290	4.95E-25
291	3.23E-25
292	2.1E-25
293	1.36E-25
294	8.76E-26
295	5.64E-26
296	3.61E-26
297	2.31E-26
298	1.47E-26

299	9.31E-27
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495	0
496	0
497	0
498	0

month	mean	sd
January	0.05	0
February	0.05	0
March	0.06	0
April	0.08	0
May	0.1	0
June	0.12	0
July	0.15	0
August	0.17	0
September	0.17	0
October	0.12	0
November	0.07	0
December	0.06	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
Demo Win	60	54.75	6.01	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed_m	n_speed_sd
3	45	31	3.5	probDist	15	0	16.1	0

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

scrm_outputs_1Barrow

spp_label generic_fhe_specific_sity_input_ions_aggr_level

Black-legg Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.39	0	1.08	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.1	0	0.9928	0	0.9928	0	0.4	0	

dp_crh_merop_crh_sd

0.1 0

height	prop
0	0.090443
1	0.082273
2	0.074841
3	0.06808
4	0.061929
5	0.056334
6	0.051245
7	0.046615
8	0.042403
9	0.038572
10	0.035086
11	0.031916
12	0.029031
13	0.026407
14	0.02402
15	0.021849
16	0.019873
17	0.018076
18	0.016441
19	0.014954
20	0.013601
21	0.01237
22	0.011251
23	0.010232
24	0.009305
25	0.008462
26	0.007696
27	0.006998
28	0.006364
29	0.005786
30	0.005261
31	0.004784
32	0.004349
33	0.003954
34	0.003595
35	0.003268
36	0.00297
37	0.0027
38	0.002454
39	0.00223
40	0.002027
41	0.001842
42	0.001674
43	0.001521
44	0.001382
45	0.001255
46	0.00114
47	0.001036
48	0.00094

49	0.000854
50	0.000776
51	0.000704
52	0.000639
53	0.00058
54	0.000527
55	0.000478
56	0.000434
57	0.000394
58	0.000357
59	0.000324
60	0.000294
61	0.000266
62	0.000241
63	0.000219
64	0.000198
65	0.00018
66	0.000163
67	0.000148
68	0.000134
69	0.000121
70	0.00011
71	9.93E-05
72	8.98E-05
73	8.13E-05
74	7.36E-05
75	6.65E-05
76	6.02E-05
77	5.44E-05
78	4.92E-05
79	4.44E-05
80	4.02E-05
81	3.63E-05
82	3.28E-05
83	2.96E-05
84	2.67E-05
85	2.41E-05
86	2.17E-05
87	1.96E-05
88	1.77E-05
89	1.59E-05
90	1.43E-05
91	1.29E-05
92	1.16E-05
93	1.05E-05
94	9.43E-06
95	8.48E-06
96	7.63E-06
97	6.86E-06
98	6.16E-06

99	5.54E-06
100	4.97E-06
101	4.46E-06
102	0.000004
103	3.59E-06
104	3.22E-06
105	2.89E-06
106	2.59E-06
107	2.32E-06
108	2.07E-06
109	1.85E-06
110	1.66E-06
111	1.48E-06
112	1.32E-06
113	1.18E-06
114	1.06E-06
115	9.42E-07
116	8.4E-07
117	7.49E-07
118	6.67E-07
119	5.94E-07
120	5.29E-07
121	4.7E-07
122	4.18E-07
123	3.71E-07
124	3.3E-07
125	2.93E-07
126	2.6E-07
127	2.3E-07
128	2.04E-07
129	1.81E-07
130	1.6E-07
131	1.41E-07
132	1.25E-07
133	1.1E-07
134	9.73E-08
135	8.58E-08
136	7.56E-08
137	6.66E-08
138	5.86E-08
139	5.16E-08
140	4.53E-08
141	3.98E-08
142	3.5E-08
143	3.07E-08
144	2.69E-08
145	2.35E-08
146	2.06E-08
147	1.8E-08
148	1.57E-08

149	1.37E-08
150	1.2E-08
151	1.04E-08
152	9.09E-09
153	7.91E-09
154	6.87E-09
155	5.97E-09
156	5.18E-09
157	4.49E-09
158	3.89E-09
159	3.37E-09
160	2.91E-09
161	2.51E-09
162	2.17E-09
163	1.87E-09
164	1.61E-09
165	1.39E-09
166	1.19E-09
167	1.02E-09
168	8.78E-10
169	7.53E-10
170	6.44E-10
171	5.51E-10
172	4.71E-10
173	4.02E-10
174	3.43E-10
175	2.92E-10
176	2.48E-10
177	2.11E-10
178	1.79E-10
179	1.52E-10
180	1.28E-10
181	1.09E-10
182	9.17E-11
183	7.74E-11
184	6.52E-11
185	5.49E-11
186	4.61E-11
187	3.87E-11
188	3.25E-11
189	2.72E-11
190	2.27E-11
191	1.9E-11
192	1.58E-11
193	1.32E-11
194	1.1E-11
195	9.12E-12
196	7.57E-12
197	6.27E-12
198	5.19E-12

199	4.28E-12
200	3.53E-12
201	2.91E-12
202	2.4E-12
203	1.97E-12
204	1.61E-12
205	1.32E-12
206	1.08E-12
207	8.82E-13
208	7.19E-13
209	5.85E-13
210	4.75E-13
211	3.86E-13
212	3.12E-13
213	2.53E-13
214	2.04E-13
215	1.64E-13
216	1.32E-13
217	1.06E-13
218	8.52E-14
219	6.82E-14
220	5.45E-14
221	4.35E-14
222	3.46E-14
223	2.75E-14
224	2.18E-14
225	1.73E-14
226	1.37E-14
227	1.08E-14
228	8.51E-15
229	6.69E-15
230	5.25E-15
231	4.11E-15
232	3.22E-15
233	2.51E-15
234	1.95E-15
235	1.52E-15
236	1.18E-15
237	9.12E-16
238	7.05E-16
239	5.43E-16
240	4.18E-16
241	3.21E-16
242	2.46E-16
243	1.88E-16
244	1.44E-16
245	1.09E-16
246	8.3E-17
247	6.29E-17
248	4.76E-17

249	3.59E-17
250	2.71E-17
251	2.03E-17
252	1.52E-17
253	1.14E-17
254	8.51E-18
255	6.34E-18
256	4.71E-18
257	3.49E-18
258	2.58E-18
259	1.9E-18
260	1.4E-18
261	1.03E-18
262	7.53E-19
263	5.5E-19
264	4.01E-19
265	2.91E-19
266	2.11E-19
267	1.53E-19
268	1.1E-19
269	7.92E-20
270	5.69E-20
271	4.07E-20
272	2.91E-20
273	2.07E-20
274	1.47E-20
275	1.04E-20
276	7.35E-21
277	5.17E-21
278	3.63E-21
279	2.55E-21
280	1.78E-21
281	1.24E-21
282	8.61E-22
283	5.96E-22
284	4.12E-22
285	2.84E-22
286	1.95E-22
287	1.33E-22
288	9.1E-23
289	6.19E-23
290	4.2E-23
291	2.84E-23
292	1.92E-23
293	1.29E-23
294	8.65E-24
295	5.78E-24
296	3.85E-24
297	2.56E-24
298	1.69E-24

299	1.12E-24
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488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.25	0
February	0.25	0
March	0.17	0
April	0.1	0
May	0.09	0
June	0.08	0
July	0.08	0
August	0.22	0
September	0.07	0
October	0.12	0
November	0.2	0
December	0.23	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Herring Gul Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.595	0	1.44	0

flight_type	rop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	12.8	0	0.9939	0	0.9939	0	0.3	0	

dp_crh_merop_crh_sd
0.1 0

height	prop
0	0.055193
1	0.05216
2	0.049294
3	0.046585
4	0.044026
5	0.041606
6	0.03932
7	0.037159
8	0.035117
9	0.033187
10	0.031363
11	0.029639
12	0.028009
13	0.02647
14	0.025014
15	0.023639
16	0.022339
17	0.02111
18	0.019949
19	0.018851
20	0.017814
21	0.016833
22	0.015906
23	0.01503
24	0.014202
25	0.01342
26	0.01268
27	0.011981
28	0.01132
29	0.010696
30	0.010106
31	0.009548
32	0.00902
33	0.008522
34	0.008051
35	0.007605
36	0.007184
37	0.006787
38	0.00641
39	0.006055
40	0.005719
41	0.005402
42	0.005102
43	0.004818
44	0.00455
45	0.004296
46	0.004057
47	0.003831
48	0.003617

49 0.003415
50 0.003224
51 0.003043
52 0.002873
53 0.002711
54 0.002559
55 0.002415
56 0.002279
57 0.002151
58 0.002029
59 0.001914
60 0.001806
61 0.001704
62 0.001607
63 0.001516
64 0.001429
65 0.001348
66 0.001271
67 0.001198
68 0.001129
69 0.001065
70 0.001003
71 0.000946
72 0.000891
73 0.000839
74 0.000791
75 0.000745
76 0.000701
77 0.000661
78 0.000622
79 0.000585
80 0.000551
81 0.000519
82 0.000488
83 0.000459
84 0.000432
85 0.000406
86 0.000382
87 0.000359
88 0.000338
89 0.000317
90 0.000298
91 0.00028
92 0.000263
93 0.000247
94 0.000232
95 0.000218
96 0.000205
97 0.000192
98 0.00018

99	0.000169
100	0.000159
101	0.000149
102	0.000139
103	0.000131
104	0.000122
105	0.000115
106	0.000107
107	0.000101
108	9.41E-05
109	0.000088
110	8.24E-05
111	0.000077
112	0.000072
113	6.73E-05
114	6.29E-05
115	5.88E-05
116	5.49E-05
117	5.13E-05
118	4.79E-05
119	4.47E-05
120	4.17E-05
121	3.88E-05
122	3.62E-05
123	3.38E-05
124	3.14E-05
125	2.93E-05
126	2.73E-05
127	2.54E-05
128	2.36E-05
129	0.000022
130	2.04E-05
131	0.000019
132	1.76E-05
133	1.64E-05
134	1.52E-05
135	1.41E-05
136	1.31E-05
137	1.21E-05
138	1.12E-05
139	1.04E-05
140	9.63E-06
141	8.91E-06
142	8.25E-06
143	7.63E-06
144	7.05E-06
145	6.51E-06
146	6.01E-06
147	5.55E-06
148	5.12E-06

149	4.72E-06
150	4.35E-06
151	4.01E-06
152	3.69E-06
153	3.4E-06
154	3.13E-06
155	2.87E-06
156	2.64E-06
157	2.43E-06
158	2.23E-06
159	2.04E-06
160	1.87E-06
161	1.72E-06
162	1.57E-06
163	1.44E-06
164	1.32E-06
165	1.2E-06
166	1.1E-06
167	0.000001
168	9.17E-07
169	8.36E-07
170	7.62E-07
171	6.94E-07
172	6.32E-07
173	5.75E-07
174	5.23E-07
175	4.75E-07
176	4.31E-07
177	3.91E-07
178	3.55E-07
179	3.22E-07
180	2.91E-07
181	2.64E-07
182	2.38E-07
183	2.15E-07
184	1.94E-07
185	1.75E-07
186	1.58E-07
187	1.42E-07
188	1.28E-07
189	1.15E-07
190	1.04E-07
191	9.32E-08
192	8.36E-08
193	7.5E-08
194	6.72E-08
195	6.01E-08
196	5.38E-08
197	4.81E-08
198	4.29E-08

199	3.83E-08
200	3.42E-08
201	3.04E-08
202	2.71E-08
203	2.41E-08
204	2.14E-08
205	1.9E-08
206	1.68E-08
207	1.49E-08
208	1.32E-08
209	1.17E-08
210	1.03E-08
211	9.11E-09
212	8.03E-09
213	7.07E-09
214	6.23E-09
215	5.47E-09
216	4.81E-09
217	4.22E-09
218	3.7E-09
219	3.24E-09
220	2.83E-09
221	2.48E-09
222	2.16E-09
223	1.88E-09
224	1.64E-09
225	1.43E-09
226	1.24E-09
227	1.08E-09
228	9.35E-10
229	8.1E-10
230	7.01E-10
231	6.06E-10
232	5.23E-10
233	4.51E-10
234	3.89E-10
235	3.34E-10
236	2.87E-10
237	2.47E-10
238	2.11E-10
239	1.81E-10
240	1.55E-10
241	1.32E-10
242	1.13E-10
243	9.61E-11
244	8.18E-11
245	6.95E-11
246	5.9E-11
247	5E-11
248	4.23E-11

249	3.58E-11
250	3.02E-11
251	2.55E-11
252	2.14E-11
253	1.8E-11
254	1.51E-11
255	1.27E-11
256	1.06E-11
257	8.89E-12
258	7.42E-12
259	6.19E-12
260	5.15E-12
261	4.28E-12
262	3.56E-12
263	2.95E-12
264	2.44E-12
265	2.02E-12
266	1.66E-12
267	1.37E-12
268	1.13E-12
269	9.27E-13
270	7.6E-13
271	6.23E-13
272	5.09E-13
273	4.16E-13
274	3.39E-13
275	2.76E-13
276	2.24E-13
277	1.82E-13
278	1.47E-13
279	1.19E-13
280	9.6E-14
281	7.73E-14
282	6.22E-14
283	4.99E-14
284	4E-14
285	3.2E-14
286	2.56E-14
287	2.04E-14
288	1.62E-14
289	1.29E-14
290	1.02E-14
291	8.11E-15
292	6.41E-15
293	5.06E-15
294	3.98E-15
295	3.13E-15
296	2.46E-15
297	1.92E-15
298	1.5E-15

299	1.17E-15
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489	0
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492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.11	0
February	0.12	0
March	0.43	0
April	0.61	0
May	0.59	0
June	0.55	0
July	0.51	0
August	0.28	0
September	0.05	0
October	0.06	0
November	0.07	0
December	0.09	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Northern (Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.935	0	1.73	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	14.9	0	0.9928	0	0.9928	0	0.14	0

dp_crh_merop_crh_sd

0.1 0

height	prop
0	0.098314
1	0.088657
2	0.079948
3	0.072095
4	0.065013
5	0.058626
6	0.052867
7	0.047673
8	0.04299
9	0.038766
10	0.034957
11	0.031522
12	0.028425
13	0.025631
14	0.023112
15	0.020841
16	0.018792
17	0.016944
18	0.015278
19	0.013775
20	0.01242
21	0.011199
22	0.010097
23	0.009103
24	0.008207
25	0.007398
26	0.00667
27	0.006013
28	0.00542
29	0.004886
30	0.004404
31	0.003969
32	0.003577
33	0.003224
34	0.002906
35	0.002618
36	0.002359
37	0.002126
38	0.001915
39	0.001726
40	0.001555
41	0.0014
42	0.001261
43	0.001136
44	0.001023
45	0.000921
46	0.00083
47	0.000747
48	0.000673

49	0.000605
50	0.000545
51	0.00049
52	0.000441
53	0.000397
54	0.000357
55	0.000321
56	0.000289
57	0.00026
58	0.000234
59	0.00021
60	0.000189
61	0.00017
62	0.000153
63	0.000137
64	0.000123
65	0.000111
66	9.94E-05
67	8.92E-05
68	8.01E-05
69	7.19E-05
70	6.45E-05
71	5.79E-05
72	5.19E-05
73	4.66E-05
74	4.17E-05
75	3.74E-05
76	3.35E-05
77	0.00003
78	2.69E-05
79	2.41E-05
80	2.16E-05
81	1.93E-05
82	1.73E-05
83	1.55E-05
84	1.38E-05
85	1.24E-05
86	0.000011
87	9.87E-06
88	8.82E-06
89	7.87E-06
90	7.03E-06
91	6.27E-06
92	5.59E-06
93	4.99E-06
94	4.45E-06
95	3.96E-06
96	3.53E-06
97	3.14E-06
98	2.8E-06

99	2.49E-06
100	2.21E-06
101	1.97E-06
102	1.75E-06
103	1.55E-06
104	1.38E-06
105	1.22E-06
106	1.09E-06
107	9.63E-07
108	8.53E-07
109	7.56E-07
110	6.69E-07
111	5.92E-07
112	5.24E-07
113	4.63E-07
114	4.09E-07
115	3.61E-07
116	3.19E-07
117	2.81E-07
118	2.48E-07
119	2.19E-07
120	1.93E-07
121	1.7E-07
122	1.49E-07
123	1.31E-07
124	1.15E-07
125	1.01E-07
126	8.87E-08
127	7.78E-08
128	6.82E-08
129	5.97E-08
130	5.23E-08
131	4.57E-08
132	4E-08
133	3.49E-08
134	3.05E-08
135	2.66E-08
136	2.32E-08
137	2.02E-08
138	1.75E-08
139	1.53E-08
140	1.33E-08
141	1.15E-08
142	9.98E-09
143	8.65E-09
144	7.49E-09
145	6.49E-09
146	5.61E-09
147	4.84E-09
148	4.18E-09

149	3.61E-09
150	3.11E-09
151	2.67E-09
152	2.3E-09
153	1.98E-09
154	1.7E-09
155	1.46E-09
156	1.25E-09
157	1.07E-09
158	9.12E-10
159	7.8E-10
160	6.65E-10
161	5.67E-10
162	4.83E-10
163	4.11E-10
164	3.49E-10
165	2.96E-10
166	2.51E-10
167	2.13E-10
168	1.8E-10
169	1.52E-10
170	1.29E-10
171	1.08E-10
172	9.13E-11
173	7.68E-11
174	6.46E-11
175	5.42E-11
176	4.54E-11
177	3.8E-11
178	3.18E-11
179	2.66E-11
180	2.21E-11
181	1.84E-11
182	1.53E-11
183	1.27E-11
184	1.06E-11
185	8.76E-12
186	7.25E-12
187	5.99E-12
188	4.94E-12
189	4.07E-12
190	3.35E-12
191	2.75E-12
192	2.26E-12
193	1.85E-12
194	1.51E-12
195	1.24E-12
196	1.01E-12
197	8.22E-13
198	6.68E-13

199	5.42E-13
200	4.4E-13
201	3.56E-13
202	2.87E-13
203	2.32E-13
204	1.87E-13
205	1.5E-13
206	1.21E-13
207	9.66E-14
208	7.73E-14
209	6.17E-14
210	4.92E-14
211	3.92E-14
212	3.11E-14
213	2.47E-14
214	1.95E-14
215	1.54E-14
216	1.22E-14
217	9.58E-15
218	7.53E-15
219	5.9E-15
220	4.62E-15
221	3.61E-15
222	2.82E-15
223	2.19E-15
224	1.7E-15
225	1.32E-15
226	1.02E-15
227	7.89E-16
228	6.08E-16
229	4.67E-16
230	3.59E-16
231	2.75E-16
232	2.1E-16
233	1.6E-16
234	1.22E-16
235	9.24E-17
236	7E-17
237	5.29E-17
238	3.99E-17
239	3.01E-17
240	2.26E-17
241	1.69E-17
242	1.26E-17
243	9.42E-18
244	7.01E-18
245	5.2E-18
246	3.85E-18
247	2.85E-18
248	2.1E-18

249	1.54E-18
250	1.13E-18
251	8.28E-19
252	6.04E-19
253	4.4E-19
254	3.19E-19
255	2.31E-19
256	1.67E-19
257	1.2E-19
258	8.65E-20
259	6.2E-20
260	4.43E-20
261	3.16E-20
262	2.25E-20
263	1.59E-20
264	1.13E-20
265	7.95E-21
266	5.59E-21
267	3.92E-21
268	2.74E-21
269	1.91E-21
270	1.33E-21
271	9.22E-22
272	6.38E-22
273	4.4E-22
274	3.02E-22
275	2.07E-22
276	1.42E-22
277	9.64E-23
278	6.55E-23
279	4.44E-23
280	2.99E-23
281	2.02E-23
282	1.35E-23
283	9.05E-24
284	6.03E-24
285	4.01E-24
286	2.66E-24
287	1.75E-24
288	1.15E-24
289	7.57E-25
290	4.95E-25
291	3.23E-25
292	2.1E-25
293	1.36E-25
294	8.76E-26
295	5.64E-26
296	3.61E-26
297	2.31E-26
298	1.47E-26

299	9.31E-27
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491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.02	0
February	0.02	0
March	0.03	0
April	0.03	0
May	0.04	0
June	0.05	0
July	0.06	0
August	0.07	0
September	0.06	0
October	0.05	0
November	0.03	0
December	0.03	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
Barrow	30	53.99	4.72	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed_m	n_speed_sd
3	45	26	3.5	probDist	6	0	16.1	0

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

scrm_outputs_Hoyle

spp_label generic_fhe_specific_city_input_ions_aggr_level

Great Blac Yes No tnorm months

dy_lt_me:body_lt_sdg_span_ming_span_sd
0.71 0 1.58 0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	13.7	0	0.9939	0	0.9939	0	0.3	0

dp_crh_merop_crh_sd

0.1 0

height	prop
0	0.0547
1	0.051695
2	0.048856
3	0.046173
4	0.043638
5	0.041242
6	0.038978
7	0.036839
8	0.034818
9	0.032908
10	0.031103
11	0.029397
12	0.027786
13	0.026263
14	0.024824
15	0.023465
16	0.02218
17	0.020967
18	0.01982
19	0.018736
20	0.017712
21	0.016744
22	0.01583
23	0.014966
24	0.014149
25	0.013377
26	0.012648
27	0.011959
28	0.011308
29	0.010692
30	0.01011
31	0.00956
32	0.00904
33	0.008549
34	0.008085
35	0.007646
36	0.007231
37	0.006839
38	0.006468
39	0.006117
40	0.005786
41	0.005473
42	0.005176
43	0.004896
44	0.004631
45	0.004381
46	0.004144
47	0.00392
48	0.003708

49 0.003508
50 0.003319
51 0.003139
52 0.00297
53 0.00281
54 0.002658
55 0.002515
56 0.002379
57 0.002251
58 0.002129
59 0.002014
60 0.001906
61 0.001803
62 0.001706
63 0.001614
64 0.001526
65 0.001444
66 0.001366
67 0.001292
68 0.001222
69 0.001156
70 0.001094
71 0.001035
72 0.000979
73 0.000926
74 0.000876
75 0.000828
76 0.000783
77 0.000741
78 0.0007
79 0.000662
80 0.000626
81 0.000592
82 0.00056
83 0.000529
84 0.0005
85 0.000473
86 0.000447
87 0.000422
88 0.000399
89 0.000377
90 0.000356
91 0.000337
92 0.000318
93 0.000301
94 0.000284
95 0.000268
96 0.000253
97 0.000239
98 0.000226

99	0.000213
100	0.000201
101	0.00019
102	0.000179
103	0.000169
104	0.000159
105	0.00015
106	0.000142
107	0.000134
108	0.000126
109	0.000119
110	0.000112
111	0.000105
112	9.93E-05
113	9.36E-05
114	8.81E-05
115	0.000083
116	7.81E-05
117	7.35E-05
118	6.92E-05
119	6.51E-05
120	6.12E-05
121	5.75E-05
122	5.41E-05
123	5.08E-05
124	4.78E-05
125	4.49E-05
126	4.21E-05
127	3.96E-05
128	3.71E-05
129	3.48E-05
130	3.27E-05
131	3.06E-05
132	2.87E-05
133	2.69E-05
134	2.52E-05
135	2.36E-05
136	2.21E-05
137	2.07E-05
138	1.94E-05
139	1.81E-05
140	1.69E-05
141	1.58E-05
142	1.48E-05
143	1.38E-05
144	1.29E-05
145	0.000012
146	1.12E-05
147	1.05E-05
148	9.77E-06

149	9.1E-06
150	8.48E-06
151	7.89E-06
152	7.35E-06
153	6.83E-06
154	6.35E-06
155	5.9E-06
156	5.48E-06
157	5.09E-06
158	4.72E-06
159	4.38E-06
160	4.06E-06
161	3.76E-06
162	3.49E-06
163	3.23E-06
164	2.98E-06
165	2.76E-06
166	2.55E-06
167	2.36E-06
168	2.17E-06
169	2.01E-06
170	1.85E-06
171	1.7E-06
172	1.57E-06
173	1.44E-06
174	1.33E-06
175	1.22E-06
176	1.12E-06
177	1.03E-06
178	9.44E-07
179	8.66E-07
180	7.93E-07
181	7.26E-07
182	6.64E-07
183	6.07E-07
184	5.55E-07
185	5.06E-07
186	4.62E-07
187	4.21E-07
188	3.84E-07
189	3.49E-07
190	3.18E-07
191	2.89E-07
192	2.62E-07
193	2.38E-07
194	2.15E-07
195	1.95E-07
196	1.77E-07
197	1.6E-07
198	1.44E-07

199	1.3E-07
200	1.18E-07
201	1.06E-07
202	9.53E-08
203	8.58E-08
204	7.71E-08
205	6.92E-08
206	6.21E-08
207	5.56E-08
208	4.98E-08
209	4.45E-08
210	3.98E-08
211	3.55E-08
212	3.17E-08
213	2.82E-08
214	2.51E-08
215	2.23E-08
216	1.98E-08
217	1.76E-08
218	1.56E-08
219	1.38E-08
220	1.22E-08
221	1.08E-08
222	9.5E-09
223	8.37E-09
224	7.37E-09
225	6.48E-09
226	5.69E-09
227	4.99E-09
228	4.37E-09
229	3.82E-09
230	3.34E-09
231	2.92E-09
232	2.54E-09
233	2.21E-09
234	1.92E-09
235	1.67E-09
236	1.45E-09
237	1.26E-09
238	1.09E-09
239	9.38E-10
240	8.09E-10
241	6.97E-10
242	6E-10
243	5.15E-10
244	4.42E-10
245	3.79E-10
246	3.24E-10
247	2.77E-10
248	2.36E-10

249	2.01E-10
250	1.71E-10
251	1.45E-10
252	1.23E-10
253	1.04E-10
254	8.8E-11
255	7.43E-11
256	6.26E-11
257	5.27E-11
258	4.42E-11
259	3.71E-11
260	3.11E-11
261	2.6E-11
262	2.17E-11
263	1.8E-11
264	1.5E-11
265	1.25E-11
266	1.03E-11
267	8.54E-12
268	7.05E-12
269	5.82E-12
270	4.79E-12
271	3.93E-12
272	3.23E-12
273	2.64E-12
274	2.16E-12
275	1.76E-12
276	1.43E-12
277	1.16E-12
278	9.43E-13
279	7.64E-13
280	6.17E-13
281	4.97E-13
282	4E-13
283	3.21E-13
284	2.58E-13
285	2.06E-13
286	1.64E-13
287	1.31E-13
288	1.04E-13
289	8.27E-14
290	6.54E-14
291	5.17E-14
292	4.08E-14
293	3.21E-14
294	2.52E-14
295	1.97E-14
296	1.54E-14
297	1.2E-14
298	9.35E-15

299	7.26E-15
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498	0

month	mean	sd
January	0.024344	0
February	0.024344	0
March	0.024798	0
April	0.024798	0
May	0.024798	0
June	0.024798	0
July	0.024798	0
August	0.024798	0
September	0.024344	0
October	0.024344	0
November	0.024344	0
December	0.024344	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
Demo Win	30	53.417	4.69	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed_m	n_speed_sd
3	40	23	3.5	probDist	15	0	16.68	0

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

Walney1_94operation

spp_label generic_fhe_specific_sity_input_ions_aggr_level

Black-legg Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.39	0	1.08	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	13.1	0	0.9928	0	0.9928	0	0.4	0

dp_crh_merop_crh_sd
0.1 0

height	prop
0	0.090443
1	0.082273
2	0.074841
3	0.06808
4	0.061929
5	0.056334
6	0.051245
7	0.046615
8	0.042403
9	0.038572
10	0.035086
11	0.031916
12	0.029031
13	0.026407
14	0.02402
15	0.021849
16	0.019873
17	0.018076
18	0.016441
19	0.014954
20	0.013601
21	0.01237
22	0.011251
23	0.010232
24	0.009305
25	0.008462
26	0.007696
27	0.006998
28	0.006364
29	0.005786
30	0.005261
31	0.004784
32	0.004349
33	0.003954
34	0.003595
35	0.003268
36	0.00297
37	0.0027
38	0.002454
39	0.00223
40	0.002027
41	0.001842
42	0.001674
43	0.001521
44	0.001382
45	0.001255
46	0.00114
47	0.001036
48	0.00094

49	0.000854
50	0.000776
51	0.000704
52	0.000639
53	0.00058
54	0.000527
55	0.000478
56	0.000434
57	0.000394
58	0.000357
59	0.000324
60	0.000294
61	0.000266
62	0.000241
63	0.000219
64	0.000198
65	0.00018
66	0.000163
67	0.000148
68	0.000134
69	0.000121
70	0.00011
71	9.93E-05
72	8.98E-05
73	8.13E-05
74	7.36E-05
75	6.65E-05
76	6.02E-05
77	5.44E-05
78	4.92E-05
79	4.44E-05
80	4.02E-05
81	3.63E-05
82	3.28E-05
83	2.96E-05
84	2.67E-05
85	2.41E-05
86	2.17E-05
87	1.96E-05
88	1.77E-05
89	1.59E-05
90	1.43E-05
91	1.29E-05
92	1.16E-05
93	1.05E-05
94	9.43E-06
95	8.48E-06
96	7.63E-06
97	6.86E-06
98	6.16E-06

99	5.54E-06
100	4.97E-06
101	4.46E-06
102	0.000004
103	3.59E-06
104	3.22E-06
105	2.89E-06
106	2.59E-06
107	2.32E-06
108	2.07E-06
109	1.85E-06
110	1.66E-06
111	1.48E-06
112	1.32E-06
113	1.18E-06
114	1.06E-06
115	9.42E-07
116	8.4E-07
117	7.49E-07
118	6.67E-07
119	5.94E-07
120	5.29E-07
121	4.7E-07
122	4.18E-07
123	3.71E-07
124	3.3E-07
125	2.93E-07
126	2.6E-07
127	2.3E-07
128	2.04E-07
129	1.81E-07
130	1.6E-07
131	1.41E-07
132	1.25E-07
133	1.1E-07
134	9.73E-08
135	8.58E-08
136	7.56E-08
137	6.66E-08
138	5.86E-08
139	5.16E-08
140	4.53E-08
141	3.98E-08
142	3.5E-08
143	3.07E-08
144	2.69E-08
145	2.35E-08
146	2.06E-08
147	1.8E-08
148	1.57E-08

149	1.37E-08
150	1.2E-08
151	1.04E-08
152	9.09E-09
153	7.91E-09
154	6.87E-09
155	5.97E-09
156	5.18E-09
157	4.49E-09
158	3.89E-09
159	3.37E-09
160	2.91E-09
161	2.51E-09
162	2.17E-09
163	1.87E-09
164	1.61E-09
165	1.39E-09
166	1.19E-09
167	1.02E-09
168	8.78E-10
169	7.53E-10
170	6.44E-10
171	5.51E-10
172	4.71E-10
173	4.02E-10
174	3.43E-10
175	2.92E-10
176	2.48E-10
177	2.11E-10
178	1.79E-10
179	1.52E-10
180	1.28E-10
181	1.09E-10
182	9.17E-11
183	7.74E-11
184	6.52E-11
185	5.49E-11
186	4.61E-11
187	3.87E-11
188	3.25E-11
189	2.72E-11
190	2.27E-11
191	1.9E-11
192	1.58E-11
193	1.32E-11
194	1.1E-11
195	9.12E-12
196	7.57E-12
197	6.27E-12
198	5.19E-12

199	4.28E-12
200	3.53E-12
201	2.91E-12
202	2.4E-12
203	1.97E-12
204	1.61E-12
205	1.32E-12
206	1.08E-12
207	8.82E-13
208	7.19E-13
209	5.85E-13
210	4.75E-13
211	3.86E-13
212	3.12E-13
213	2.53E-13
214	2.04E-13
215	1.64E-13
216	1.32E-13
217	1.06E-13
218	8.52E-14
219	6.82E-14
220	5.45E-14
221	4.35E-14
222	3.46E-14
223	2.75E-14
224	2.18E-14
225	1.73E-14
226	1.37E-14
227	1.08E-14
228	8.51E-15
229	6.69E-15
230	5.25E-15
231	4.11E-15
232	3.22E-15
233	2.51E-15
234	1.95E-15
235	1.52E-15
236	1.18E-15
237	9.12E-16
238	7.05E-16
239	5.43E-16
240	4.18E-16
241	3.21E-16
242	2.46E-16
243	1.88E-16
244	1.44E-16
245	1.09E-16
246	8.3E-17
247	6.29E-17
248	4.76E-17

249	3.59E-17
250	2.71E-17
251	2.03E-17
252	1.52E-17
253	1.14E-17
254	8.51E-18
255	6.34E-18
256	4.71E-18
257	3.49E-18
258	2.58E-18
259	1.9E-18
260	1.4E-18
261	1.03E-18
262	7.53E-19
263	5.5E-19
264	4.01E-19
265	2.91E-19
266	2.11E-19
267	1.53E-19
268	1.1E-19
269	7.92E-20
270	5.69E-20
271	4.07E-20
272	2.91E-20
273	2.07E-20
274	1.47E-20
275	1.04E-20
276	7.35E-21
277	5.17E-21
278	3.63E-21
279	2.55E-21
280	1.78E-21
281	1.24E-21
282	8.61E-22
283	5.96E-22
284	4.12E-22
285	2.84E-22
286	1.95E-22
287	1.33E-22
288	9.1E-23
289	6.19E-23
290	4.2E-23
291	2.84E-23
292	1.92E-23
293	1.29E-23
294	8.65E-24
295	5.78E-24
296	3.85E-24
297	2.56E-24
298	1.69E-24

299	1.12E-24
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488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.23	0
February	0.24	0
March	0.16	0
April	0.1	0
May	0.1	0
June	0.08	0
July	0.07	0
August	0.19	0
September	0.07	0
October	0.11	0
November	0.18	0
December	0.21	0

spp_label generic_fhe_specific_sity_input_ions_aggr_level

Herring Gul Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.595	0	1.44	0

flight_type	rop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	12.8	0	0.9939	0	0.9939	0	0.3	0	

dp_crh_merop_crh_sd

0.1 0

height	prop
0	0.055193
1	0.05216
2	0.049294
3	0.046585
4	0.044026
5	0.041606
6	0.03932
7	0.037159
8	0.035117
9	0.033187
10	0.031363
11	0.029639
12	0.028009
13	0.02647
14	0.025014
15	0.023639
16	0.022339
17	0.02111
18	0.019949
19	0.018851
20	0.017814
21	0.016833
22	0.015906
23	0.01503
24	0.014202
25	0.01342
26	0.01268
27	0.011981
28	0.01132
29	0.010696
30	0.010106
31	0.009548
32	0.00902
33	0.008522
34	0.008051
35	0.007605
36	0.007184
37	0.006787
38	0.00641
39	0.006055
40	0.005719
41	0.005402
42	0.005102
43	0.004818
44	0.00455
45	0.004296
46	0.004057
47	0.003831
48	0.003617

49 0.003415
50 0.003224
51 0.003043
52 0.002873
53 0.002711
54 0.002559
55 0.002415
56 0.002279
57 0.002151
58 0.002029
59 0.001914
60 0.001806
61 0.001704
62 0.001607
63 0.001516
64 0.001429
65 0.001348
66 0.001271
67 0.001198
68 0.001129
69 0.001065
70 0.001003
71 0.000946
72 0.000891
73 0.000839
74 0.000791
75 0.000745
76 0.000701
77 0.000661
78 0.000622
79 0.000585
80 0.000551
81 0.000519
82 0.000488
83 0.000459
84 0.000432
85 0.000406
86 0.000382
87 0.000359
88 0.000338
89 0.000317
90 0.000298
91 0.00028
92 0.000263
93 0.000247
94 0.000232
95 0.000218
96 0.000205
97 0.000192
98 0.00018

99	0.000169
100	0.000159
101	0.000149
102	0.000139
103	0.000131
104	0.000122
105	0.000115
106	0.000107
107	0.000101
108	9.41E-05
109	0.000088
110	8.24E-05
111	0.000077
112	0.000072
113	6.73E-05
114	6.29E-05
115	5.88E-05
116	5.49E-05
117	5.13E-05
118	4.79E-05
119	4.47E-05
120	4.17E-05
121	3.88E-05
122	3.62E-05
123	3.38E-05
124	3.14E-05
125	2.93E-05
126	2.73E-05
127	2.54E-05
128	2.36E-05
129	0.000022
130	2.04E-05
131	0.000019
132	1.76E-05
133	1.64E-05
134	1.52E-05
135	1.41E-05
136	1.31E-05
137	1.21E-05
138	1.12E-05
139	1.04E-05
140	9.63E-06
141	8.91E-06
142	8.25E-06
143	7.63E-06
144	7.05E-06
145	6.51E-06
146	6.01E-06
147	5.55E-06
148	5.12E-06

149	4.72E-06
150	4.35E-06
151	4.01E-06
152	3.69E-06
153	3.4E-06
154	3.13E-06
155	2.87E-06
156	2.64E-06
157	2.43E-06
158	2.23E-06
159	2.04E-06
160	1.87E-06
161	1.72E-06
162	1.57E-06
163	1.44E-06
164	1.32E-06
165	1.2E-06
166	1.1E-06
167	0.000001
168	9.17E-07
169	8.36E-07
170	7.62E-07
171	6.94E-07
172	6.32E-07
173	5.75E-07
174	5.23E-07
175	4.75E-07
176	4.31E-07
177	3.91E-07
178	3.55E-07
179	3.22E-07
180	2.91E-07
181	2.64E-07
182	2.38E-07
183	2.15E-07
184	1.94E-07
185	1.75E-07
186	1.58E-07
187	1.42E-07
188	1.28E-07
189	1.15E-07
190	1.04E-07
191	9.32E-08
192	8.36E-08
193	7.5E-08
194	6.72E-08
195	6.01E-08
196	5.38E-08
197	4.81E-08
198	4.29E-08

199	3.83E-08
200	3.42E-08
201	3.04E-08
202	2.71E-08
203	2.41E-08
204	2.14E-08
205	1.9E-08
206	1.68E-08
207	1.49E-08
208	1.32E-08
209	1.17E-08
210	1.03E-08
211	9.11E-09
212	8.03E-09
213	7.07E-09
214	6.23E-09
215	5.47E-09
216	4.81E-09
217	4.22E-09
218	3.7E-09
219	3.24E-09
220	2.83E-09
221	2.48E-09
222	2.16E-09
223	1.88E-09
224	1.64E-09
225	1.43E-09
226	1.24E-09
227	1.08E-09
228	9.35E-10
229	8.1E-10
230	7.01E-10
231	6.06E-10
232	5.23E-10
233	4.51E-10
234	3.89E-10
235	3.34E-10
236	2.87E-10
237	2.47E-10
238	2.11E-10
239	1.81E-10
240	1.55E-10
241	1.32E-10
242	1.13E-10
243	9.61E-11
244	8.18E-11
245	6.95E-11
246	5.9E-11
247	5E-11
248	4.23E-11

249	3.58E-11
250	3.02E-11
251	2.55E-11
252	2.14E-11
253	1.8E-11
254	1.51E-11
255	1.27E-11
256	1.06E-11
257	8.89E-12
258	7.42E-12
259	6.19E-12
260	5.15E-12
261	4.28E-12
262	3.56E-12
263	2.95E-12
264	2.44E-12
265	2.02E-12
266	1.66E-12
267	1.37E-12
268	1.13E-12
269	9.27E-13
270	7.6E-13
271	6.23E-13
272	5.09E-13
273	4.16E-13
274	3.39E-13
275	2.76E-13
276	2.24E-13
277	1.82E-13
278	1.47E-13
279	1.19E-13
280	9.6E-14
281	7.73E-14
282	6.22E-14
283	4.99E-14
284	4E-14
285	3.2E-14
286	2.56E-14
287	2.04E-14
288	1.62E-14
289	1.29E-14
290	1.02E-14
291	8.11E-15
292	6.41E-15
293	5.06E-15
294	3.98E-15
295	3.13E-15
296	2.46E-15
297	1.92E-15
298	1.5E-15

299	1.17E-15
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489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.1	0
February	0.11	0
March	0.11	0
April	0.1	0
May	0.08	0
June	0.06	0
July	0.05	0
August	0.04	0
September	0.05	0
October	0.05	0
November	0.07	0
December	0.09	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
Hoyle	30	53.417	4.69	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed_m	n_speed_sd
3	40	23	3.5	probDist	15	0	16.7	0

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

WestOfDS_94operation

spp_label; generic_fhe_specific_sity_input_ions_aggr_level

Black-legg; Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.39	0	1.08	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping		0.5	13.1	0	0.992	0	0.992	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.090443
1	0.082273
2	0.074841
3	0.06808
4	0.061929
5	0.056334
6	0.051245
7	0.046615
8	0.042403
9	0.038572
10	0.035086
11	0.031916
12	0.029031
13	0.026407
14	0.02402
15	0.021849
16	0.019873
17	0.018076
18	0.016441
19	0.014954
20	0.013601
21	0.01237
22	0.011251
23	0.010232
24	0.009305
25	0.008462
26	0.007696
27	0.006998
28	0.006364
29	0.005786
30	0.005261
31	0.004784
32	0.004349
33	0.003954
34	0.003595
35	0.003268
36	0.00297
37	0.0027
38	0.002454
39	0.00223
40	0.002027
41	0.001842
42	0.001674
43	0.001521
44	0.001382
45	0.001255
46	0.00114
47	0.001036
48	0.00094

49	0.000854
50	0.000776
51	0.000704
52	0.000639
53	0.00058
54	0.000527
55	0.000478
56	0.000434
57	0.000394
58	0.000357
59	0.000324
60	0.000294
61	0.000266
62	0.000241
63	0.000219
64	0.000198
65	0.00018
66	0.000163
67	0.000148
68	0.000134
69	0.000121
70	0.00011
71	9.93E-05
72	8.98E-05
73	8.13E-05
74	7.36E-05
75	6.65E-05
76	6.02E-05
77	5.44E-05
78	4.92E-05
79	4.44E-05
80	4.02E-05
81	3.63E-05
82	3.28E-05
83	2.96E-05
84	2.67E-05
85	2.41E-05
86	2.17E-05
87	1.96E-05
88	1.77E-05
89	1.59E-05
90	1.43E-05
91	1.29E-05
92	1.16E-05
93	1.05E-05
94	9.43E-06
95	8.48E-06
96	7.63E-06
97	6.86E-06
98	6.16E-06

99	5.54E-06
100	4.97E-06
101	4.46E-06
102	0.000004
103	3.59E-06
104	3.22E-06
105	2.89E-06
106	2.59E-06
107	2.32E-06
108	2.07E-06
109	1.85E-06
110	1.66E-06
111	1.48E-06
112	1.32E-06
113	1.18E-06
114	1.06E-06
115	9.42E-07
116	8.4E-07
117	7.49E-07
118	6.67E-07
119	5.94E-07
120	5.29E-07
121	4.7E-07
122	4.18E-07
123	3.71E-07
124	3.3E-07
125	2.93E-07
126	2.6E-07
127	2.3E-07
128	2.04E-07
129	1.81E-07
130	1.6E-07
131	1.41E-07
132	1.25E-07
133	1.1E-07
134	9.73E-08
135	8.58E-08
136	7.56E-08
137	6.66E-08
138	5.86E-08
139	5.16E-08
140	4.53E-08
141	3.98E-08
142	3.5E-08
143	3.07E-08
144	2.69E-08
145	2.35E-08
146	2.06E-08
147	1.8E-08
148	1.57E-08

149	1.37E-08
150	1.2E-08
151	1.04E-08
152	9.09E-09
153	7.91E-09
154	6.87E-09
155	5.97E-09
156	5.18E-09
157	4.49E-09
158	3.89E-09
159	3.37E-09
160	2.91E-09
161	2.51E-09
162	2.17E-09
163	1.87E-09
164	1.61E-09
165	1.39E-09
166	1.19E-09
167	1.02E-09
168	8.78E-10
169	7.53E-10
170	6.44E-10
171	5.51E-10
172	4.71E-10
173	4.02E-10
174	3.43E-10
175	2.92E-10
176	2.48E-10
177	2.11E-10
178	1.79E-10
179	1.52E-10
180	1.28E-10
181	1.09E-10
182	9.17E-11
183	7.74E-11
184	6.52E-11
185	5.49E-11
186	4.61E-11
187	3.87E-11
188	3.25E-11
189	2.72E-11
190	2.27E-11
191	1.9E-11
192	1.58E-11
193	1.32E-11
194	1.1E-11
195	9.12E-12
196	7.57E-12
197	6.27E-12
198	5.19E-12

199	4.28E-12
200	3.53E-12
201	2.91E-12
202	2.4E-12
203	1.97E-12
204	1.61E-12
205	1.32E-12
206	1.08E-12
207	8.82E-13
208	7.19E-13
209	5.85E-13
210	4.75E-13
211	3.86E-13
212	3.12E-13
213	2.53E-13
214	2.04E-13
215	1.64E-13
216	1.32E-13
217	1.06E-13
218	8.52E-14
219	6.82E-14
220	5.45E-14
221	4.35E-14
222	3.46E-14
223	2.75E-14
224	2.18E-14
225	1.73E-14
226	1.37E-14
227	1.08E-14
228	8.51E-15
229	6.69E-15
230	5.25E-15
231	4.11E-15
232	3.22E-15
233	2.51E-15
234	1.95E-15
235	1.52E-15
236	1.18E-15
237	9.12E-16
238	7.05E-16
239	5.43E-16
240	4.18E-16
241	3.21E-16
242	2.46E-16
243	1.88E-16
244	1.44E-16
245	1.09E-16
246	8.3E-17
247	6.29E-17
248	4.76E-17

249	3.59E-17
250	2.71E-17
251	2.03E-17
252	1.52E-17
253	1.14E-17
254	8.51E-18
255	6.34E-18
256	4.71E-18
257	3.49E-18
258	2.58E-18
259	1.9E-18
260	1.4E-18
261	1.03E-18
262	7.53E-19
263	5.5E-19
264	4.01E-19
265	2.91E-19
266	2.11E-19
267	1.53E-19
268	1.1E-19
269	7.92E-20
270	5.69E-20
271	4.07E-20
272	2.91E-20
273	2.07E-20
274	1.47E-20
275	1.04E-20
276	7.35E-21
277	5.17E-21
278	3.63E-21
279	2.55E-21
280	1.78E-21
281	1.24E-21
282	8.61E-22
283	5.96E-22
284	4.12E-22
285	2.84E-22
286	1.95E-22
287	1.33E-22
288	9.1E-23
289	6.19E-23
290	4.2E-23
291	2.84E-23
292	1.92E-23
293	1.29E-23
294	8.65E-24
295	5.78E-24
296	3.85E-24
297	2.56E-24
298	1.69E-24

299	1.12E-24
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301	0
302	0
303	0
304	0
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485	0
486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.46	0
February	0.47	0
March	0.31	0
April	0.19	0
May	0.18	0
June	0.16	0
July	0.14	0
August	0.13	0
September	0.22	0
October	0.36	0
November	0.4	0
December	0.43	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Herring Gul Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.595	0	1.44	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	12.8	0	0.994	0	0.994	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.055193
1	0.05216
2	0.049294
3	0.046585
4	0.044026
5	0.041606
6	0.03932
7	0.037159
8	0.035117
9	0.033187
10	0.031363
11	0.029639
12	0.028009
13	0.02647
14	0.025014
15	0.023639
16	0.022339
17	0.02111
18	0.019949
19	0.018851
20	0.017814
21	0.016833
22	0.015906
23	0.01503
24	0.014202
25	0.01342
26	0.01268
27	0.011981
28	0.01132
29	0.010696
30	0.010106
31	0.009548
32	0.00902
33	0.008522
34	0.008051
35	0.007605
36	0.007184
37	0.006787
38	0.00641
39	0.006055
40	0.005719
41	0.005402
42	0.005102
43	0.004818
44	0.00455
45	0.004296
46	0.004057
47	0.003831
48	0.003617

49 0.003415
50 0.003224
51 0.003043
52 0.002873
53 0.002711
54 0.002559
55 0.002415
56 0.002279
57 0.002151
58 0.002029
59 0.001914
60 0.001806
61 0.001704
62 0.001607
63 0.001516
64 0.001429
65 0.001348
66 0.001271
67 0.001198
68 0.001129
69 0.001065
70 0.001003
71 0.000946
72 0.000891
73 0.000839
74 0.000791
75 0.000745
76 0.000701
77 0.000661
78 0.000622
79 0.000585
80 0.000551
81 0.000519
82 0.000488
83 0.000459
84 0.000432
85 0.000406
86 0.000382
87 0.000359
88 0.000338
89 0.000317
90 0.000298
91 0.00028
92 0.000263
93 0.000247
94 0.000232
95 0.000218
96 0.000205
97 0.000192
98 0.00018

99	0.000169
100	0.000159
101	0.000149
102	0.000139
103	0.000131
104	0.000122
105	0.000115
106	0.000107
107	0.000101
108	9.41E-05
109	0.000088
110	8.24E-05
111	0.000077
112	0.000072
113	6.73E-05
114	6.29E-05
115	5.88E-05
116	5.49E-05
117	5.13E-05
118	4.79E-05
119	4.47E-05
120	4.17E-05
121	3.88E-05
122	3.62E-05
123	3.38E-05
124	3.14E-05
125	2.93E-05
126	2.73E-05
127	2.54E-05
128	2.36E-05
129	0.000022
130	2.04E-05
131	0.000019
132	1.76E-05
133	1.64E-05
134	1.52E-05
135	1.41E-05
136	1.31E-05
137	1.21E-05
138	1.12E-05
139	1.04E-05
140	9.63E-06
141	8.91E-06
142	8.25E-06
143	7.63E-06
144	7.05E-06
145	6.51E-06
146	6.01E-06
147	5.55E-06
148	5.12E-06

149	4.72E-06
150	4.35E-06
151	4.01E-06
152	3.69E-06
153	3.4E-06
154	3.13E-06
155	2.87E-06
156	2.64E-06
157	2.43E-06
158	2.23E-06
159	2.04E-06
160	1.87E-06
161	1.72E-06
162	1.57E-06
163	1.44E-06
164	1.32E-06
165	1.2E-06
166	1.1E-06
167	0.000001
168	9.17E-07
169	8.36E-07
170	7.62E-07
171	6.94E-07
172	6.32E-07
173	5.75E-07
174	5.23E-07
175	4.75E-07
176	4.31E-07
177	3.91E-07
178	3.55E-07
179	3.22E-07
180	2.91E-07
181	2.64E-07
182	2.38E-07
183	2.15E-07
184	1.94E-07
185	1.75E-07
186	1.58E-07
187	1.42E-07
188	1.28E-07
189	1.15E-07
190	1.04E-07
191	9.32E-08
192	8.36E-08
193	7.5E-08
194	6.72E-08
195	6.01E-08
196	5.38E-08
197	4.81E-08
198	4.29E-08

199	3.83E-08
200	3.42E-08
201	3.04E-08
202	2.71E-08
203	2.41E-08
204	2.14E-08
205	1.9E-08
206	1.68E-08
207	1.49E-08
208	1.32E-08
209	1.17E-08
210	1.03E-08
211	9.11E-09
212	8.03E-09
213	7.07E-09
214	6.23E-09
215	5.47E-09
216	4.81E-09
217	4.22E-09
218	3.7E-09
219	3.24E-09
220	2.83E-09
221	2.48E-09
222	2.16E-09
223	1.88E-09
224	1.64E-09
225	1.43E-09
226	1.24E-09
227	1.08E-09
228	9.35E-10
229	8.1E-10
230	7.01E-10
231	6.06E-10
232	5.23E-10
233	4.51E-10
234	3.89E-10
235	3.34E-10
236	2.87E-10
237	2.47E-10
238	2.11E-10
239	1.81E-10
240	1.55E-10
241	1.32E-10
242	1.13E-10
243	9.61E-11
244	8.18E-11
245	6.95E-11
246	5.9E-11
247	5E-11
248	4.23E-11

249	3.58E-11
250	3.02E-11
251	2.55E-11
252	2.14E-11
253	1.8E-11
254	1.51E-11
255	1.27E-11
256	1.06E-11
257	8.89E-12
258	7.42E-12
259	6.19E-12
260	5.15E-12
261	4.28E-12
262	3.56E-12
263	2.95E-12
264	2.44E-12
265	2.02E-12
266	1.66E-12
267	1.37E-12
268	1.13E-12
269	9.27E-13
270	7.6E-13
271	6.23E-13
272	5.09E-13
273	4.16E-13
274	3.39E-13
275	2.76E-13
276	2.24E-13
277	1.82E-13
278	1.47E-13
279	1.19E-13
280	9.6E-14
281	7.73E-14
282	6.22E-14
283	4.99E-14
284	4E-14
285	3.2E-14
286	2.56E-14
287	2.04E-14
288	1.62E-14
289	1.29E-14
290	1.02E-14
291	8.11E-15
292	6.41E-15
293	5.06E-15
294	3.98E-15
295	3.13E-15
296	2.46E-15
297	1.92E-15
298	1.5E-15

299	1.17E-15
300	0
301	0
302	0
303	0
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307	0
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442	0
443	0
444	0
445	0
446	0
447	0
448	0

449	0
450	0
451	0
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474	0
475	0
476	0
477	0
478	0
479	0
480	0
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482	0
483	0
484	0
485	0
486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.23	0
February	0.25	0
March	0.54	0
April	0.86	0
May	0.79	0
June	0.68	0
July	0.58	0
August	0.25	0
September	0.1	0
October	0.12	0
November	0.16	0
December	0.2	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Northern (Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.935	0	1.73	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc_m	void_bsc_soid_ext_m	void_ext_s	t_act_me	nct_act	sd	
Gliding		0.5	14.9	0	0.994	0	0.994	0	0.08	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.098314
1	0.088657
2	0.079948
3	0.072095
4	0.065013
5	0.058626
6	0.052867
7	0.047673
8	0.04299
9	0.038766
10	0.034957
11	0.031522
12	0.028425
13	0.025631
14	0.023112
15	0.020841
16	0.018792
17	0.016944
18	0.015278
19	0.013775
20	0.01242
21	0.011199
22	0.010097
23	0.009103
24	0.008207
25	0.007398
26	0.00667
27	0.006013
28	0.00542
29	0.004886
30	0.004404
31	0.003969
32	0.003577
33	0.003224
34	0.002906
35	0.002618
36	0.002359
37	0.002126
38	0.001915
39	0.001726
40	0.001555
41	0.0014
42	0.001261
43	0.001136
44	0.001023
45	0.000921
46	0.00083
47	0.000747
48	0.000673

49	0.000605
50	0.000545
51	0.00049
52	0.000441
53	0.000397
54	0.000357
55	0.000321
56	0.000289
57	0.00026
58	0.000234
59	0.00021
60	0.000189
61	0.00017
62	0.000153
63	0.000137
64	0.000123
65	0.000111
66	9.94E-05
67	8.92E-05
68	8.01E-05
69	7.19E-05
70	6.45E-05
71	5.79E-05
72	5.19E-05
73	4.66E-05
74	4.17E-05
75	3.74E-05
76	3.35E-05
77	0.00003
78	2.69E-05
79	2.41E-05
80	2.16E-05
81	1.93E-05
82	1.73E-05
83	1.55E-05
84	1.38E-05
85	1.24E-05
86	0.000011
87	9.87E-06
88	8.82E-06
89	7.87E-06
90	7.03E-06
91	6.27E-06
92	5.59E-06
93	4.99E-06
94	4.45E-06
95	3.96E-06
96	3.53E-06
97	3.14E-06
98	2.8E-06

99	2.49E-06
100	2.21E-06
101	1.97E-06
102	1.75E-06
103	1.55E-06
104	1.38E-06
105	1.22E-06
106	1.09E-06
107	9.63E-07
108	8.53E-07
109	7.56E-07
110	6.69E-07
111	5.92E-07
112	5.24E-07
113	4.63E-07
114	4.09E-07
115	3.61E-07
116	3.19E-07
117	2.81E-07
118	2.48E-07
119	2.19E-07
120	1.93E-07
121	1.7E-07
122	1.49E-07
123	1.31E-07
124	1.15E-07
125	1.01E-07
126	8.87E-08
127	7.78E-08
128	6.82E-08
129	5.97E-08
130	5.23E-08
131	4.57E-08
132	4E-08
133	3.49E-08
134	3.05E-08
135	2.66E-08
136	2.32E-08
137	2.02E-08
138	1.75E-08
139	1.53E-08
140	1.33E-08
141	1.15E-08
142	9.98E-09
143	8.65E-09
144	7.49E-09
145	6.49E-09
146	5.61E-09
147	4.84E-09
148	4.18E-09

149	3.61E-09
150	3.11E-09
151	2.67E-09
152	2.3E-09
153	1.98E-09
154	1.7E-09
155	1.46E-09
156	1.25E-09
157	1.07E-09
158	9.12E-10
159	7.8E-10
160	6.65E-10
161	5.67E-10
162	4.83E-10
163	4.11E-10
164	3.49E-10
165	2.96E-10
166	2.51E-10
167	2.13E-10
168	1.8E-10
169	1.52E-10
170	1.29E-10
171	1.08E-10
172	9.13E-11
173	7.68E-11
174	6.46E-11
175	5.42E-11
176	4.54E-11
177	3.8E-11
178	3.18E-11
179	2.66E-11
180	2.21E-11
181	1.84E-11
182	1.53E-11
183	1.27E-11
184	1.06E-11
185	8.76E-12
186	7.25E-12
187	5.99E-12
188	4.94E-12
189	4.07E-12
190	3.35E-12
191	2.75E-12
192	2.26E-12
193	1.85E-12
194	1.51E-12
195	1.24E-12
196	1.01E-12
197	8.22E-13
198	6.68E-13

199	5.42E-13
200	4.4E-13
201	3.56E-13
202	2.87E-13
203	2.32E-13
204	1.87E-13
205	1.5E-13
206	1.21E-13
207	9.66E-14
208	7.73E-14
209	6.17E-14
210	4.92E-14
211	3.92E-14
212	3.11E-14
213	2.47E-14
214	1.95E-14
215	1.54E-14
216	1.22E-14
217	9.58E-15
218	7.53E-15
219	5.9E-15
220	4.62E-15
221	3.61E-15
222	2.82E-15
223	2.19E-15
224	1.7E-15
225	1.32E-15
226	1.02E-15
227	7.89E-16
228	6.08E-16
229	4.67E-16
230	3.59E-16
231	2.75E-16
232	2.1E-16
233	1.6E-16
234	1.22E-16
235	9.24E-17
236	7E-17
237	5.29E-17
238	3.99E-17
239	3.01E-17
240	2.26E-17
241	1.69E-17
242	1.26E-17
243	9.42E-18
244	7.01E-18
245	5.2E-18
246	3.85E-18
247	2.85E-18
248	2.1E-18

249	1.54E-18
250	1.13E-18
251	8.28E-19
252	6.04E-19
253	4.4E-19
254	3.19E-19
255	2.31E-19
256	1.67E-19
257	1.2E-19
258	8.65E-20
259	6.2E-20
260	4.43E-20
261	3.16E-20
262	2.25E-20
263	1.59E-20
264	1.13E-20
265	7.95E-21
266	5.59E-21
267	3.92E-21
268	2.74E-21
269	1.91E-21
270	1.33E-21
271	9.22E-22
272	6.38E-22
273	4.4E-22
274	3.02E-22
275	2.07E-22
276	1.42E-22
277	9.64E-23
278	6.55E-23
279	4.44E-23
280	2.99E-23
281	2.02E-23
282	1.35E-23
283	9.05E-24
284	6.03E-24
285	4.01E-24
286	2.66E-24
287	1.75E-24
288	1.15E-24
289	7.57E-25
290	4.95E-25
291	3.23E-25
292	2.1E-25
293	1.36E-25
294	8.76E-26
295	5.64E-26
296	3.61E-26
297	2.31E-26
298	1.47E-26

299	9.31E-27
300	0
301	0
302	0
303	0
304	0
305	0
306	0
307	0
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486	0
487	0
488	0
489	0
490	0
491	0
492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.07	0
February	0.06	0
March	0.07	0
April	0.09	0
May	0.11	0
June	0.13	0
July	0.16	0
August	0.17	0
September	0.17	0
October	0.13	0
November	0.09	0
December	0.07	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
Demo Win	108	53.98	11.9	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed	m	n_speed	sd
3	60	26	4.2	probDist	15	0	13	0		

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94

Wlaney2_94operation

spp_label generic_fhe_specific_city_input_ions_aggr_level

Black-legg Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.39	0	1.08	0

flight_type	prop_upwin	speed_me	l_speed	soid_bsc	mvoid_bsc	soid_ext	mvoid_ext	s:t_act	me:nct	act_sd
Flapping	0.5	13.1	0	0.992	0	0.992	0	0.375	0	

dp_crh_merop_crh_sd
0 0

height	prop
0	0.090443
1	0.082273
2	0.074841
3	0.06808
4	0.061929
5	0.056334
6	0.051245
7	0.046615
8	0.042403
9	0.038572
10	0.035086
11	0.031916
12	0.029031
13	0.026407
14	0.02402
15	0.021849
16	0.019873
17	0.018076
18	0.016441
19	0.014954
20	0.013601
21	0.01237
22	0.011251
23	0.010232
24	0.009305
25	0.008462
26	0.007696
27	0.006998
28	0.006364
29	0.005786
30	0.005261
31	0.004784
32	0.004349
33	0.003954
34	0.003595
35	0.003268
36	0.00297
37	0.0027
38	0.002454
39	0.00223
40	0.002027
41	0.001842
42	0.001674
43	0.001521
44	0.001382
45	0.001255
46	0.00114
47	0.001036
48	0.00094

49	0.000854
50	0.000776
51	0.000704
52	0.000639
53	0.00058
54	0.000527
55	0.000478
56	0.000434
57	0.000394
58	0.000357
59	0.000324
60	0.000294
61	0.000266
62	0.000241
63	0.000219
64	0.000198
65	0.00018
66	0.000163
67	0.000148
68	0.000134
69	0.000121
70	0.00011
71	9.93E-05
72	8.98E-05
73	8.13E-05
74	7.36E-05
75	6.65E-05
76	6.02E-05
77	5.44E-05
78	4.92E-05
79	4.44E-05
80	4.02E-05
81	3.63E-05
82	3.28E-05
83	2.96E-05
84	2.67E-05
85	2.41E-05
86	2.17E-05
87	1.96E-05
88	1.77E-05
89	1.59E-05
90	1.43E-05
91	1.29E-05
92	1.16E-05
93	1.05E-05
94	9.43E-06
95	8.48E-06
96	7.63E-06
97	6.86E-06
98	6.16E-06

99	5.54E-06
100	4.97E-06
101	4.46E-06
102	0.000004
103	3.59E-06
104	3.22E-06
105	2.89E-06
106	2.59E-06
107	2.32E-06
108	2.07E-06
109	1.85E-06
110	1.66E-06
111	1.48E-06
112	1.32E-06
113	1.18E-06
114	1.06E-06
115	9.42E-07
116	8.4E-07
117	7.49E-07
118	6.67E-07
119	5.94E-07
120	5.29E-07
121	4.7E-07
122	4.18E-07
123	3.71E-07
124	3.3E-07
125	2.93E-07
126	2.6E-07
127	2.3E-07
128	2.04E-07
129	1.81E-07
130	1.6E-07
131	1.41E-07
132	1.25E-07
133	1.1E-07
134	9.73E-08
135	8.58E-08
136	7.56E-08
137	6.66E-08
138	5.86E-08
139	5.16E-08
140	4.53E-08
141	3.98E-08
142	3.5E-08
143	3.07E-08
144	2.69E-08
145	2.35E-08
146	2.06E-08
147	1.8E-08
148	1.57E-08

149	1.37E-08
150	1.2E-08
151	1.04E-08
152	9.09E-09
153	7.91E-09
154	6.87E-09
155	5.97E-09
156	5.18E-09
157	4.49E-09
158	3.89E-09
159	3.37E-09
160	2.91E-09
161	2.51E-09
162	2.17E-09
163	1.87E-09
164	1.61E-09
165	1.39E-09
166	1.19E-09
167	1.02E-09
168	8.78E-10
169	7.53E-10
170	6.44E-10
171	5.51E-10
172	4.71E-10
173	4.02E-10
174	3.43E-10
175	2.92E-10
176	2.48E-10
177	2.11E-10
178	1.79E-10
179	1.52E-10
180	1.28E-10
181	1.09E-10
182	9.17E-11
183	7.74E-11
184	6.52E-11
185	5.49E-11
186	4.61E-11
187	3.87E-11
188	3.25E-11
189	2.72E-11
190	2.27E-11
191	1.9E-11
192	1.58E-11
193	1.32E-11
194	1.1E-11
195	9.12E-12
196	7.57E-12
197	6.27E-12
198	5.19E-12

199	4.28E-12
200	3.53E-12
201	2.91E-12
202	2.4E-12
203	1.97E-12
204	1.61E-12
205	1.32E-12
206	1.08E-12
207	8.82E-13
208	7.19E-13
209	5.85E-13
210	4.75E-13
211	3.86E-13
212	3.12E-13
213	2.53E-13
214	2.04E-13
215	1.64E-13
216	1.32E-13
217	1.06E-13
218	8.52E-14
219	6.82E-14
220	5.45E-14
221	4.35E-14
222	3.46E-14
223	2.75E-14
224	2.18E-14
225	1.73E-14
226	1.37E-14
227	1.08E-14
228	8.51E-15
229	6.69E-15
230	5.25E-15
231	4.11E-15
232	3.22E-15
233	2.51E-15
234	1.95E-15
235	1.52E-15
236	1.18E-15
237	9.12E-16
238	7.05E-16
239	5.43E-16
240	4.18E-16
241	3.21E-16
242	2.46E-16
243	1.88E-16
244	1.44E-16
245	1.09E-16
246	8.3E-17
247	6.29E-17
248	4.76E-17

249	3.59E-17
250	2.71E-17
251	2.03E-17
252	1.52E-17
253	1.14E-17
254	8.51E-18
255	6.34E-18
256	4.71E-18
257	3.49E-18
258	2.58E-18
259	1.9E-18
260	1.4E-18
261	1.03E-18
262	7.53E-19
263	5.5E-19
264	4.01E-19
265	2.91E-19
266	2.11E-19
267	1.53E-19
268	1.1E-19
269	7.92E-20
270	5.69E-20
271	4.07E-20
272	2.91E-20
273	2.07E-20
274	1.47E-20
275	1.04E-20
276	7.35E-21
277	5.17E-21
278	3.63E-21
279	2.55E-21
280	1.78E-21
281	1.24E-21
282	8.61E-22
283	5.96E-22
284	4.12E-22
285	2.84E-22
286	1.95E-22
287	1.33E-22
288	9.1E-23
289	6.19E-23
290	4.2E-23
291	2.84E-23
292	1.92E-23
293	1.29E-23
294	8.65E-24
295	5.78E-24
296	3.85E-24
297	2.56E-24
298	1.69E-24

299	1.12E-24
300	0
301	0
302	0
303	0
304	0
305	0
306	0
307	0
308	0
309	0
310	0
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492	0
493	0
494	0
495	0
496	0
497	0
498	0

month	mean	sd
January	0.2	0
February	0.22	0
March	0.34	0
April	0.46	0
May	0.4	0
June	0.31	0
July	0.25	0
August	0.14	0
September	0.09	0
October	0.11	0
November	0.14	0
December	0.17	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Herring Gul Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.595	0	1.44	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc_m	void_bsc_soid_ext_m	void_ext_s	t_act_me	nct_act	sd
Flapping	0.5	12.8	0	0.994	0	0.994	0	0.375	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.055193
1	0.05216
2	0.049294
3	0.046585
4	0.044026
5	0.041606
6	0.03932
7	0.037159
8	0.035117
9	0.033187
10	0.031363
11	0.029639
12	0.028009
13	0.02647
14	0.025014
15	0.023639
16	0.022339
17	0.02111
18	0.019949
19	0.018851
20	0.017814
21	0.016833
22	0.015906
23	0.01503
24	0.014202
25	0.01342
26	0.01268
27	0.011981
28	0.01132
29	0.010696
30	0.010106
31	0.009548
32	0.00902
33	0.008522
34	0.008051
35	0.007605
36	0.007184
37	0.006787
38	0.00641
39	0.006055
40	0.005719
41	0.005402
42	0.005102
43	0.004818
44	0.00455
45	0.004296
46	0.004057
47	0.003831
48	0.003617

49 0.003415
50 0.003224
51 0.003043
52 0.002873
53 0.002711
54 0.002559
55 0.002415
56 0.002279
57 0.002151
58 0.002029
59 0.001914
60 0.001806
61 0.001704
62 0.001607
63 0.001516
64 0.001429
65 0.001348
66 0.001271
67 0.001198
68 0.001129
69 0.001065
70 0.001003
71 0.000946
72 0.000891
73 0.000839
74 0.000791
75 0.000745
76 0.000701
77 0.000661
78 0.000622
79 0.000585
80 0.000551
81 0.000519
82 0.000488
83 0.000459
84 0.000432
85 0.000406
86 0.000382
87 0.000359
88 0.000338
89 0.000317
90 0.000298
91 0.00028
92 0.000263
93 0.000247
94 0.000232
95 0.000218
96 0.000205
97 0.000192
98 0.00018

99	0.000169
100	0.000159
101	0.000149
102	0.000139
103	0.000131
104	0.000122
105	0.000115
106	0.000107
107	0.000101
108	9.41E-05
109	0.000088
110	8.24E-05
111	0.000077
112	0.000072
113	6.73E-05
114	6.29E-05
115	5.88E-05
116	5.49E-05
117	5.13E-05
118	4.79E-05
119	4.47E-05
120	4.17E-05
121	3.88E-05
122	3.62E-05
123	3.38E-05
124	3.14E-05
125	2.93E-05
126	2.73E-05
127	2.54E-05
128	2.36E-05
129	0.000022
130	2.04E-05
131	0.000019
132	1.76E-05
133	1.64E-05
134	1.52E-05
135	1.41E-05
136	1.31E-05
137	1.21E-05
138	1.12E-05
139	1.04E-05
140	9.63E-06
141	8.91E-06
142	8.25E-06
143	7.63E-06
144	7.05E-06
145	6.51E-06
146	6.01E-06
147	5.55E-06
148	5.12E-06

149	4.72E-06
150	4.35E-06
151	4.01E-06
152	3.69E-06
153	3.4E-06
154	3.13E-06
155	2.87E-06
156	2.64E-06
157	2.43E-06
158	2.23E-06
159	2.04E-06
160	1.87E-06
161	1.72E-06
162	1.57E-06
163	1.44E-06
164	1.32E-06
165	1.2E-06
166	1.1E-06
167	0.000001
168	9.17E-07
169	8.36E-07
170	7.62E-07
171	6.94E-07
172	6.32E-07
173	5.75E-07
174	5.23E-07
175	4.75E-07
176	4.31E-07
177	3.91E-07
178	3.55E-07
179	3.22E-07
180	2.91E-07
181	2.64E-07
182	2.38E-07
183	2.15E-07
184	1.94E-07
185	1.75E-07
186	1.58E-07
187	1.42E-07
188	1.28E-07
189	1.15E-07
190	1.04E-07
191	9.32E-08
192	8.36E-08
193	7.5E-08
194	6.72E-08
195	6.01E-08
196	5.38E-08
197	4.81E-08
198	4.29E-08

199	3.83E-08
200	3.42E-08
201	3.04E-08
202	2.71E-08
203	2.41E-08
204	2.14E-08
205	1.9E-08
206	1.68E-08
207	1.49E-08
208	1.32E-08
209	1.17E-08
210	1.03E-08
211	9.11E-09
212	8.03E-09
213	7.07E-09
214	6.23E-09
215	5.47E-09
216	4.81E-09
217	4.22E-09
218	3.7E-09
219	3.24E-09
220	2.83E-09
221	2.48E-09
222	2.16E-09
223	1.88E-09
224	1.64E-09
225	1.43E-09
226	1.24E-09
227	1.08E-09
228	9.35E-10
229	8.1E-10
230	7.01E-10
231	6.06E-10
232	5.23E-10
233	4.51E-10
234	3.89E-10
235	3.34E-10
236	2.87E-10
237	2.47E-10
238	2.11E-10
239	1.81E-10
240	1.55E-10
241	1.32E-10
242	1.13E-10
243	9.61E-11
244	8.18E-11
245	6.95E-11
246	5.9E-11
247	5E-11
248	4.23E-11

249	3.58E-11
250	3.02E-11
251	2.55E-11
252	2.14E-11
253	1.8E-11
254	1.51E-11
255	1.27E-11
256	1.06E-11
257	8.89E-12
258	7.42E-12
259	6.19E-12
260	5.15E-12
261	4.28E-12
262	3.56E-12
263	2.95E-12
264	2.44E-12
265	2.02E-12
266	1.66E-12
267	1.37E-12
268	1.13E-12
269	9.27E-13
270	7.6E-13
271	6.23E-13
272	5.09E-13
273	4.16E-13
274	3.39E-13
275	2.76E-13
276	2.24E-13
277	1.82E-13
278	1.47E-13
279	1.19E-13
280	9.6E-14
281	7.73E-14
282	6.22E-14
283	4.99E-14
284	4E-14
285	3.2E-14
286	2.56E-14
287	2.04E-14
288	1.62E-14
289	1.29E-14
290	1.02E-14
291	8.11E-15
292	6.41E-15
293	5.06E-15
294	3.98E-15
295	3.13E-15
296	2.46E-15
297	1.92E-15
298	1.5E-15

299	1.17E-15
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495	0
496	0
497	0
498	0

month	mean	sd
January	0.47	0
February	0.49	0
March	0.33	0
April	0.2	0
May	0.19	0
June	0.17	0
July	0.15	0
August	0.14	0
September	0.23	0
October	0.38	0
November	0.41	0
December	0.45	0

spp_label generic_fhe_specific_city_input_ions_aggr_level

Northern (Yes No tnorm months

dy_lt_me	body_lt_sd	g_span_m	ing_span_sd
0.935	0	1.73	0

flight_type	prop_up	win_speed	meil_speed	soid_bsc_m	void_bsc_soid_ext_m	void_ext_s	t_act_me	nct_act	sd	
Gliding		0.5	14.9	0	0.994	0	0.994	0	0.08	0

dp_crh_merop_crh_sd
0 0

height	prop
0	0.098314
1	0.088657
2	0.079948
3	0.072095
4	0.065013
5	0.058626
6	0.052867
7	0.047673
8	0.04299
9	0.038766
10	0.034957
11	0.031522
12	0.028425
13	0.025631
14	0.023112
15	0.020841
16	0.018792
17	0.016944
18	0.015278
19	0.013775
20	0.01242
21	0.011199
22	0.010097
23	0.009103
24	0.008207
25	0.007398
26	0.00667
27	0.006013
28	0.00542
29	0.004886
30	0.004404
31	0.003969
32	0.003577
33	0.003224
34	0.002906
35	0.002618
36	0.002359
37	0.002126
38	0.001915
39	0.001726
40	0.001555
41	0.0014
42	0.001261
43	0.001136
44	0.001023
45	0.000921
46	0.00083
47	0.000747
48	0.000673

49	0.000605
50	0.000545
51	0.00049
52	0.000441
53	0.000397
54	0.000357
55	0.000321
56	0.000289
57	0.00026
58	0.000234
59	0.00021
60	0.000189
61	0.00017
62	0.000153
63	0.000137
64	0.000123
65	0.000111
66	9.94E-05
67	8.92E-05
68	8.01E-05
69	7.19E-05
70	6.45E-05
71	5.79E-05
72	5.19E-05
73	4.66E-05
74	4.17E-05
75	3.74E-05
76	3.35E-05
77	0.00003
78	2.69E-05
79	2.41E-05
80	2.16E-05
81	1.93E-05
82	1.73E-05
83	1.55E-05
84	1.38E-05
85	1.24E-05
86	0.000011
87	9.87E-06
88	8.82E-06
89	7.87E-06
90	7.03E-06
91	6.27E-06
92	5.59E-06
93	4.99E-06
94	4.45E-06
95	3.96E-06
96	3.53E-06
97	3.14E-06
98	2.8E-06

99	2.49E-06
100	2.21E-06
101	1.97E-06
102	1.75E-06
103	1.55E-06
104	1.38E-06
105	1.22E-06
106	1.09E-06
107	9.63E-07
108	8.53E-07
109	7.56E-07
110	6.69E-07
111	5.92E-07
112	5.24E-07
113	4.63E-07
114	4.09E-07
115	3.61E-07
116	3.19E-07
117	2.81E-07
118	2.48E-07
119	2.19E-07
120	1.93E-07
121	1.7E-07
122	1.49E-07
123	1.31E-07
124	1.15E-07
125	1.01E-07
126	8.87E-08
127	7.78E-08
128	6.82E-08
129	5.97E-08
130	5.23E-08
131	4.57E-08
132	4E-08
133	3.49E-08
134	3.05E-08
135	2.66E-08
136	2.32E-08
137	2.02E-08
138	1.75E-08
139	1.53E-08
140	1.33E-08
141	1.15E-08
142	9.98E-09
143	8.65E-09
144	7.49E-09
145	6.49E-09
146	5.61E-09
147	4.84E-09
148	4.18E-09

149	3.61E-09
150	3.11E-09
151	2.67E-09
152	2.3E-09
153	1.98E-09
154	1.7E-09
155	1.46E-09
156	1.25E-09
157	1.07E-09
158	9.12E-10
159	7.8E-10
160	6.65E-10
161	5.67E-10
162	4.83E-10
163	4.11E-10
164	3.49E-10
165	2.96E-10
166	2.51E-10
167	2.13E-10
168	1.8E-10
169	1.52E-10
170	1.29E-10
171	1.08E-10
172	9.13E-11
173	7.68E-11
174	6.46E-11
175	5.42E-11
176	4.54E-11
177	3.8E-11
178	3.18E-11
179	2.66E-11
180	2.21E-11
181	1.84E-11
182	1.53E-11
183	1.27E-11
184	1.06E-11
185	8.76E-12
186	7.25E-12
187	5.99E-12
188	4.94E-12
189	4.07E-12
190	3.35E-12
191	2.75E-12
192	2.26E-12
193	1.85E-12
194	1.51E-12
195	1.24E-12
196	1.01E-12
197	8.22E-13
198	6.68E-13

199	5.42E-13
200	4.4E-13
201	3.56E-13
202	2.87E-13
203	2.32E-13
204	1.87E-13
205	1.5E-13
206	1.21E-13
207	9.66E-14
208	7.73E-14
209	6.17E-14
210	4.92E-14
211	3.92E-14
212	3.11E-14
213	2.47E-14
214	1.95E-14
215	1.54E-14
216	1.22E-14
217	9.58E-15
218	7.53E-15
219	5.9E-15
220	4.62E-15
221	3.61E-15
222	2.82E-15
223	2.19E-15
224	1.7E-15
225	1.32E-15
226	1.02E-15
227	7.89E-16
228	6.08E-16
229	4.67E-16
230	3.59E-16
231	2.75E-16
232	2.1E-16
233	1.6E-16
234	1.22E-16
235	9.24E-17
236	7E-17
237	5.29E-17
238	3.99E-17
239	3.01E-17
240	2.26E-17
241	1.69E-17
242	1.26E-17
243	9.42E-18
244	7.01E-18
245	5.2E-18
246	3.85E-18
247	2.85E-18
248	2.1E-18

249	1.54E-18
250	1.13E-18
251	8.28E-19
252	6.04E-19
253	4.4E-19
254	3.19E-19
255	2.31E-19
256	1.67E-19
257	1.2E-19
258	8.65E-20
259	6.2E-20
260	4.43E-20
261	3.16E-20
262	2.25E-20
263	1.59E-20
264	1.13E-20
265	7.95E-21
266	5.59E-21
267	3.92E-21
268	2.74E-21
269	1.91E-21
270	1.33E-21
271	9.22E-22
272	6.38E-22
273	4.4E-22
274	3.02E-22
275	2.07E-22
276	1.42E-22
277	9.64E-23
278	6.55E-23
279	4.44E-23
280	2.99E-23
281	2.02E-23
282	1.35E-23
283	9.05E-24
284	6.03E-24
285	4.01E-24
286	2.66E-24
287	1.75E-24
288	1.15E-24
289	7.57E-25
290	4.95E-25
291	3.23E-25
292	2.1E-25
293	1.36E-25
294	8.76E-26
295	5.64E-26
296	3.61E-26
297	2.31E-26
298	1.47E-26

299	9.31E-27
300	0
301	0
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497	0
498	0

month	mean	sd
January	0.07	0
February	0.07	0
March	0.08	0
April	0.1	0
May	0.12	0
June	0.14	0
July	0.17	0
August	0.19	0
September	0.19	0
October	0.14	0
November	0.1	0
December	0.08	0

wf_label	wf_n_trbs	wf_lat	wf_width	tidal_offset	erg_arr_corr
Demo Win	51	54.08	8.9	4	TRUE

rb_n_blade	rtr_radius	air_gap	bld_width	n_pitch	oil_pitch	meld_pitch	s_speed	m	n_speed	sd
3	60	26	4.2	probDist	15	0	13	0		

month	mean	sd
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

month	wndavlb
January	94
February	94
March	94
April	94
May	94
June	94
July	94
August	94
September	94
October	94
November	94
December	94