SITE_ID	AQS_ID	POC	DATE_TIME	OZONE	OZONE_F	OZONE_8HR_AVG	CNT_8HR	OZONE_8HR_F
SEK430	061070009	1	04/17/2015 00:00:00	51		50	8	V
SEK430	061070009	1	04/17/2015 01:00:00	51	<	50	8	V
SEK430	061070009	1	04/17/2015 02:00:00	51	<	52	8	V
SEK430	061070009	1	04/17/2015 03:00:00	52		54	8	V
SEK430	061070009	1	04/17/2015 04:00:00	52		56	8	V
SEK430	061070009	1	04/17/2015 05:00:00	50		58	8	V
SEK430	061070009	1	04/17/2015 06:00:00	47		61	8	V
SEK430	061070009	1	04/17/2015 07:00:00	48		64	8	V
SEK430	061070009	1	04/17/2015 08:00:00	51		68	8	V
SEK430	061070009	1	04/17/2015 09:00:00	66		71	8	V
SEK430	061070009	1	04/17/2015 10:00:00	69		72	8	V
SEK430	061070009	1	04/17/2015 11:00:00	69		71	8	V
SEK430	061070009	1	04/17/2015 12:00:00	70		70	8	V
SEK430	061070009	1	04/17/2015 13:00:00	72		69	8	V
SEK430	061070009	1	04/17/2015 14:00:00	73		68	8	V
SEK430	061070009	1	04/17/2015 15:00:00	74		66	8	V
SEK430	061070009	1	04/17/2015 16:00:00	75		65	8	V
SEK430	061070009	1	04/17/2015 17:00:00	74		63	8	V
SEK430	061070009	1	04/17/2015 18:00:00	65		61	8	V
SEK430	061070009	1	04/17/2015 19:00:00	61		60	8	V
SEK430	061070009	1	04/17/2015 20:00:00	62		59	8	V
SEK430	061070009	1	04/17/2015 21:00:00	61		59	8	V
SEK430	061070009	1	04/17/2015 22:00:00	62		58	8	V
SEK430	061070009	1	04/17/2015 23:00:00	61		57	8	V
SEK430	061070009	1	04/18/2015 00:00:00	59		57	8	V
SEK430	061070009	1	04/18/2015 01:00:00	59	<	56	8	V
SEK430	061070009	1	04/18/2015 02:00:00	58	<	57	8	V
SEK430	061070009	1	04/18/2015 03:00:00	57		59	8	V
SEK430	061070009	1	04/18/2015 04:00:00	57		61	8	V
SEK430	061070009	1	04/18/2015 05:00:00	56		63	8	V
SEK430	061070009	1	04/18/2015 06:00:00	55		66	8	V
SEK430	061070009	1	04/18/2015 07:00:00	55		69	8	V
SEK430	061070009	1	04/18/2015 08:00:00	56		72	8	V
SEK430	061070009	1	04/18/2015 09:00:00	68		75	8	V
SEK430	061070009	1	04/18/2015 10:00:00	71		77	8	V
SEK430	061070009	1	04/18/2015 11:00:00	73		77	8	V
SEK430	061070009	1	04/18/2015 12:00:00	74		76	8	V
SEK430	061070009	1	04/18/2015 13:00:00	77		75	8	V
SEK430	061070009	1	04/18/2015 14:00:00	79		73	8	V
SEK430	061070009	1	04/18/2015 15:00:00	82		70	8	V
SEK430	061070009	1	04/18/2015 16:00:00	83		67	8	V
SEK430	061070009	1	04/18/2015 17:00:00	82		64	8	V
SEK430	061070009	1	04/18/2015 18:00:00	73		61	8	V
SEK430	061070009	1	04/18/2015 19:00:00	64		59	8	V
SEK430	061070009	1	04/18/2015 20:00:00	62		58	8	V
SEK430	061070009	1	04/18/2015 21:00:00	60		57	8	V
SEK430	061070009	1	04/18/2015 22:00:00	59		56	8	V
SEK430	061070009	1	04/18/2015 23:00:00	58		56	8	V
SEK430	061070009	1	04/19/2015 00:00:00	58		55	8	V
YOS404	060430003	1	04/17/2015 00:00:00	52		50	8	V
YOS404	060430003	1	04/17/2015 01:00:00	51	<	51	8	V
YOS404	060430003	1	04/17/2015 02:00:00	51	<	51	8	V
YOS404	060430003	1	04/17/2015 03:00:00	51		52	8	V
YOS404	060430003	1	04/17/2015 04:00:00	51		53	8	V

TEMPERATURE	TEMPERATURE_F	RELATIVE_HUMIDITY	RELATIVE_HUMIDITY_F	SOLAR_RADIATION
14		32		0
13		33		0
13		34		0
14		31		0
14		32		0
12		37		10
12		38		112
17		30		392
19		25		592
22		19		762
23		17		884
24		16		945
25		16		938
25		15		871
26		14		751
26		14		581
26		15		379
24		17		155
20		24		9
19		28		0
18		28		0
18		28		0
17		29		0
17		30		0
16		32		0
16		33		0
15		34		0
15		35		0
15		34		0
15		35		10
16		33		115
19		29		393
21		28		595
24		20		764
25		18		886
26		18		948
27		17		946
28		17		895
28		17		620
27		18		426
27		20		258
26		21		158
23		27		23
20		33		0
19		35		0
19		35		0
19		32		0
19		30		0
18		29		0
9		38		0
8		36		0
8		37		0
7		38		0
7		37		0

SOLAR_RADIATION_F	PRECIPITATION	PRECIPITATION_F	WINDSPEED	WINDSPEED_F	WIND_DIRECTION
	0		3		55
	0		3		62
	0		3		64
	0		3		69
	0		2		48
	0		2		47
	0		2		62
	0		1		102
	0		1		241
	0		3		242
	0		4		241
	0		5		242
	0		4		240
	0		5		248
	0		4		245
	0		4		249
	0		3		249
	0		3		260
	0		3		55
	0		4		64
	0		3		70
	0		3		74
	0		2		72
	0		2		60
	0		2		59
	0		2		56
	0		3		58
	0		3		62
	0		3		58
	0		3		58
	0		2		47
	0		0		317
	0		1		242
	0		2		240
	0		4		242
	0		5		245
	0		5		248
	0		4		247
	0		4		246
	0		4		246
	0		2		240
	0		3		253
	0		1		38
	0		3		49
	0		3		40
	0		3		54
	0		4		68
	0		3		63
	0		2		57
		M	4		51
		M	5		44
		M	5		49
		M	5		46
		M	5		56

WIND_DIRECTION_F	SIGMA_THETA	SIGMA_THETA_F	WINDSPEED_SCALAR	WINDSPEED_SCALAR_F
	13		3	
	18		3	
	15		3	
	16		3	
	20		2	
	18		2	
	18		2	
	42		1	
	33		1	
	15		3	
	17		4	
	15		5	
	22		4	
	16		5	
	17		4	
	15		4	
	19		4	
	16		3	
	49		3	
	12		4	
	15		3	
	16		3	
	19		2	
	26		2	
	19		2	
	24		2	
	13		3	
	16		3	
	21		3	
	18		3	
	36		2	
	59		1	
	15		2	
	17		2	
	16		4	
	14		5	
	14		5	
	15		4	
	14		5	
	12		4	
	29		2	
	12		3	
	29		2	
	12		3	
	11		3	
	12		3	
	13		4	
	13		3	
	18		3	
	6		4	
	6		5	
	8		5	
	5		5	
	6		5	

YOS404	060430003	1	04/17/2015 05:00:00	51		54	8	V
YOS404	060430003	1	04/17/2015 06:00:00	50		55	8	V
YOS404	060430003	1	04/17/2015 07:00:00	50		56	8	V
YOS404	060430003	1	04/17/2015 08:00:00	55		57	8	V
YOS404	060430003	1	04/17/2015 09:00:00	56		59	8	V
YOS404	060430003	1	04/17/2015 10:00:00	57		60	8	V
YOS404	060430003	1	04/17/2015 11:00:00	56		60	8	V
YOS404	060430003	1	04/17/2015 12:00:00	58		61	8	V
YOS404	060430003	1	04/17/2015 13:00:00	59		61	8	V
YOS404	060430003	1	04/17/2015 14:00:00	60		60	8	V
YOS404	060430003	1	04/17/2015 15:00:00	62		60	8	V
YOS404	060430003	1	04/17/2015 16:00:00	64		58	8	V
YOS404	060430003	1	04/17/2015 17:00:00	64		57	8	V
YOS404	060430003	1	04/17/2015 18:00:00	62		56	8	V
YOS404	060430003	1	04/17/2015 19:00:00	60		54	8	V
YOS404	060430003	1	04/17/2015 20:00:00	58		53	8	V
YOS404	060430003	1	04/17/2015 21:00:00	57		51	8	V
YOS404	060430003	1	04/17/2015 22:00:00	54		50	8	V
YOS404	060430003	1	04/17/2015 23:00:00	52		49	8	V
YOS404	060430003	1	04/18/2015 00:00:00	51		49	8	V
YOS404	060430003	1	04/18/2015 01:00:00	54	<	49	8	V
YOS404	060430003	1	04/18/2015 02:00:00	50	<	50	8	V
YOS404	060430003	1	04/18/2015 03:00:00	48		51	8	V
YOS404	060430003	1	04/18/2015 04:00:00	48		52	8	V
YOS404	060430003	1	04/18/2015 05:00:00	50		53	8	V
YOS404	060430003	1	04/18/2015 06:00:00	46		54	8	V
YOS404	060430003	1	04/18/2015 07:00:00	46		56	8	V
YOS404	060430003	1	04/18/2015 08:00:00	55		58	8	V
YOS404	060430003	1	04/18/2015 09:00:00	58		59	8	V
YOS404	060430003	1	04/18/2015 10:00:00	58		60	8	V
YOS404	060430003	1	04/18/2015 11:00:00	57		60	8	V
YOS404	060430003	1	04/18/2015 12:00:00	58		61	8	V
YOS404	060430003	1	04/18/2015 13:00:00	60		61	8	V
YOS404	060430003	1	04/18/2015 14:00:00	60		61	8	V
YOS404	060430003	1	04/18/2015 15:00:00	62		61	8	V
YOS404	060430003	1	04/18/2015 16:00:00	63		60	8	V
YOS404	060430003	1	04/18/2015 17:00:00	64		57	8	V
YOS404	060430003	1	04/18/2015 18:00:00	63		55	8	V
YOS404	060430003	1	04/18/2015 19:00:00	62		53	8	V
YOS404	060430003	1	04/18/2015 20:00:00	61		51	8	V
YOS404	060430003	1	04/18/2015 21:00:00	60		49	8	V
YOS404	060430003	1	04/18/2015 22:00:00	57		47	8	V
YOS404	060430003	1	04/18/2015 23:00:00	50		45	8	V
YOS404	060430003	1	04/19/2015 00:00:00	45		44	8	V
GRB411	320330101	1	04/17/2015 00:00:00	47	<	47	8	V
GRB411	320330101	1	04/17/2015 01:00:00	46	<	47	8	V
GRB411	320330101	1	04/17/2015 02:00:00	47		47	8	V
GRB411	320330101	1	04/17/2015 03:00:00	49		47	8	V
GRB411	320330101	1	04/17/2015 04:00:00	49		47	8	V
GRB411	320330101	1	04/17/2015 05:00:00	47		47	8	V
GRB411	320330101	1	04/17/2015 06:00:00	46		47	8	V
GRB411	320330101	1	04/17/2015 07:00:00	46		48	8	V
GRB411	320330101	1	04/17/2015 08:00:00	48		48	8	V
GRB411	320330101	1	04/17/2015 09:00:00	47		48	8	V
GRB411	320330101	1	04/17/2015 10:00:00	48		48	8	V

6	36	22
7	34	192
9	31	408
11	34	613
12	33	783
13	30	901
14	29	958
15	29	953
16	28	892
16	27	772
16	27	601
16	27	397
15	29	186
14	33	20
13	37	0
12	38	0
12	39	0
11	41	0
11	42	0
10	43	0
11	40	0
10	40	0
9	39	0
8	38	0
9	37	29
9	36	202
11	33	320
13	31	627
15	31	805
15	32	843
16	29	959
17	28	952
18	27	890
18	28	766
18	28	598
18	28	404
17	29	240
16	32	41
15	35	0
14	37	0
13	39	0
13	38	0
13	36	0
13	33	0
2	51	0
0	56	0
1	55	0
4	48	0
4	49	1
4	50	78
6	42	299
8	39	492
10	33	676
10	32	845
11	31	926

M	5	52
M	5	45
M	2	42
M	2	227
M	5	209
M	5	212
M	6	214
M	6	212
M	7	215
M	7	217
M	7	216
M	6	215
M	6	220
M	4	203
M	1	191
M	4	55
M	1	89
M	2	92
M	4	65
M	4	54
M	4	53
M	4	41
M	5	43
M	5	48
M	5	45
M	4	49
M	3	51
M	0	210
M	3	214
M	6	207
M	6	220
M	6	212
M	7	215
M	7	211
M	7	214
M	6	214
M	5	214
M	3	211
M	3	208
M	2	208
M	2	214
M	3	61
M	5	56
M	5	59
0	3	230
0	1	238
0	2	261
0	4	295
0	3	288
0	3	318
0	4	337
0	3	16
0	4	346
0	4	64
0	2	63

5	5
6	5
11	2
46	2
10	5
11	5
13	6
12	6
12	7
9	7
10	7
11	6
8	6
9	4
25	2
9	4
49	2
19	3
8	4
8	4
6	4
7	4
5	5
7	5
6	5
5	4
7	3
57	1
22	3
9	6
11	6
12	6
11	7
11	7
11	7
11	6
10	6
8	4
15	3
8	2
38	2
39	3
5	5
6	5
6	3
36	2
23	3
13	4
18	3
15	3
17	5
17	3
35	4
21	5
57	3

GRB411	320330101	1	04/17/2015 11:00:00	49		48	8	V
GRB411	320330101	1	04/17/2015 12:00:00	49		47	8	V
GRB411	320330101	1	04/17/2015 13:00:00	49		47	8	V
GRB411	320330101	1	04/17/2015 14:00:00	49		46	8	V
GRB411	320330101	1	04/17/2015 15:00:00	49		46	8	V
GRB411	320330101	1	04/17/2015 16:00:00	49		47	8	V
GRB411	320330101	1	04/17/2015 17:00:00	48		47	8	V
GRB411	320330101	1	04/17/2015 18:00:00	43		47	8	V
GRB411	320330101	1	04/17/2015 19:00:00	44		49	8	V
GRB411	320330101	1	04/17/2015 20:00:00	45		49	8	V
GRB411	320330101	1	04/17/2015 21:00:00	46		50	8	V
GRB411	320330101	1	04/17/2015 22:00:00	50		50	8	V
GRB411	320330101	1	04/17/2015 23:00:00	51		49	8	V
GRB411	320330101	1	04/18/2015 00:00:00	52	<	48	8	V
GRB411	320330101	1	04/18/2015 01:00:00	52	<	47	8	V
GRB411	320330101	1	04/18/2015 02:00:00	52		46	8	V
GRB411	320330101	1	04/18/2015 03:00:00	50		45	8	V
GRB411	320330101	1	04/18/2015 04:00:00	49		45	8	V
GRB411	320330101	1	04/18/2015 05:00:00	46		44	8	V
GRB411	320330101	1	04/18/2015 06:00:00	44		45	8	V
GRB411	320330101	1	04/18/2015 07:00:00	45		45	8	V
GRB411	320330101	1	04/18/2015 08:00:00	45		45	8	V
GRB411	320330101	1	04/18/2015 09:00:00	42		45	8	V
GRB411	320330101	1	04/18/2015 10:00:00	44		45	8	V
GRB411	320330101	1	04/18/2015 11:00:00	46		45	8	V
GRB411	320330101	1	04/18/2015 12:00:00	47		44	8	V
GRB411	320330101	1	04/18/2015 13:00:00	48		43	8	V
GRB411	320330101	1	04/18/2015 14:00:00	47		42	8	V
GRB411	320330101	1	04/18/2015 15:00:00	46		41	8	V
GRB411	320330101	1	04/18/2015 16:00:00	44		40	8	V
GRB411	320330101	1	04/18/2015 17:00:00	44		40	8	V
GRB411	320330101	1	04/18/2015 18:00:00	40		40	8	V
GRB411	320330101	1	04/18/2015 19:00:00	40		40	8	V
GRB411	320330101	1	04/18/2015 20:00:00	39		40	8	V
GRB411	320330101	1	04/18/2015 21:00:00	40		41	8	V
GRB411	320330101	1	04/18/2015 22:00:00	39		41	8	V
GRB411	320330101	1	04/18/2015 23:00:00	40		42	8	V
GRB411	320330101	1	04/19/2015 00:00:00	40	<	43	8	V
JOT403	060719002	1	04/17/2015 00:00:00	56		52	8	V
JOT403	060719002	1	04/17/2015 01:00:00	55	<	52	8	V
JOT403	060719002	1	04/17/2015 02:00:00	53	<	52	8	V
JOT403	060719002	1	04/17/2015 03:00:00	50		53	8	V
JOT403	060719002	1	04/17/2015 04:00:00	49		54	8	V
JOT403	060719002	1	04/17/2015 05:00:00	50		55	8	V
JOT403	060719002	1	04/17/2015 06:00:00	52		56	8	V
JOT403	060719002	1	04/17/2015 07:00:00	53		57	8	V
JOT403	060719002	1	04/17/2015 08:00:00	54		57	8	V
JOT403	060719002	1	04/17/2015 09:00:00	61		58	8	V
JOT403	060719002	1	04/17/2015 10:00:00	58		58	8	V
JOT403	060719002	1	04/17/2015 11:00:00	57		58	8	V
JOT403	060719002	1	04/17/2015 12:00:00	58		59	8	V
JOT403	060719002	1	04/17/2015 13:00:00	58		60	8	V
JOT403	060719002	1	04/17/2015 14:00:00	57		60	8	V
JOT403	060719002	1	04/17/2015 15:00:00	59		60	8	V
JOT403	060719002	1	04/17/2015 16:00:00	59		60	8	V

12	28	913
13	26	831
13	26	613
14	26	718
14	26	531
13	27	326
11	32	35
7	40	2
7	40	0
6	41	0
6	41	0
8	34	0
9	31	0
9	32	0
8	32	0
8	31	0
9	32	0
8	31	1
10	28	86
12	24	294
14	20	504
15	19	688
14	22	833
15	20	925
17	16	958
18	15	938
17	16	656
18	16	682
17	17	437
15	22	86
14	26	41
11	31	2
10	32	0
10	34	0
9	37	0
7	42	0
7	41	0
6	40	0
11	17	0
11	19	0
10	21	0
8	22	0
7	22	0
7	22	37
14	15	223
16	14	445
17	15	654
18	13	827
19	13	947
20	12	1,000
21	11	986
22	10	892
22	10	761
22	10	569
21	10	340

0	4	66
0	5	60
0	4	61
0	4	64
0	4	57
0	4	59
0	2	60
0	4	235
0	4	235
0	4	234
0	4	234
0	3	270
0	3	291
0	3	286
0	3	260
0	3	268
0	4	268
0	4	284
0	4	294
0	5	322
0	5	329
0	4	353
0	3	79
0	2	90
0	1	3
0	3	6
0	1	68
0	2	72
0	4	62
0	4	46
0	0	332
0	2	229
0	3	225
0	2	225
0	3	238
0	2	221
0	5	231
0	5	231
0	4	218
0	4	200
0	3	206
0	4	200
0	5	196
0	4	198
0	1	39
0	4	11
0	6	21
0	6	22
0	6	16
0	5	16
0	5	12
0	5	14
0	5	10
0	5	17
0	5	6

31	4
21	5
31	5
25	4
17	4
17	4
32	3
5	4
6	4
4	4
7	4
11	3
14	3
12	3
9	3
11	3
13	4
14	4
16	4
14	6
17	5
20	5
22	4
42	3
62	4
55	5
55	4
52	4
20	4
14	4
30	2
27	3
11	3
23	2
30	3
35	3
4	5
6	5
8	4
11	4
13	4
7	4
3	5
7	4
34	2
15	5
14	6
15	6
16	6
19	6
22	5
18	6
17	6
17	5
16	5

JOT403	060719002	1	04/17/2015 17:00:00	59		61	8	V
JOT403	060719002	1	04/17/2015 18:00:00	64		61	8	V
JOT403	060719002	1	04/17/2015 19:00:00	62		60	8	V
JOT403	060719002	1	04/17/2015 20:00:00	62		60	8	V
JOT403	060719002	1	04/17/2015 21:00:00	60		60	8	V
JOT403	060719002	1	04/17/2015 22:00:00	58		60	8	V
JOT403	060719002	1	04/17/2015 23:00:00	62		60	8	V
JOT403	060719002	1	04/18/2015 00:00:00	61		59	8	V
JOT403	060719002	1	04/18/2015 01:00:00	60	<	59	8	V
JOT403	060719002	1	04/18/2015 02:00:00	61	<	59	8	V
JOT403	060719002	1	04/18/2015 03:00:00	61		60	8	V
JOT403	060719002	1	04/18/2015 04:00:00	59		61	8	V
JOT403	060719002	1	04/18/2015 05:00:00	59		62	8	V
JOT403	060719002	1	04/18/2015 06:00:00	58		63	8	V
JOT403	060719002	1	04/18/2015 07:00:00	59		64	8	V
JOT403	060719002	1	04/18/2015 08:00:00	60		66	8	V
JOT403	060719002	1	04/18/2015 09:00:00	60		68	8	V
JOT403	060719002	1	04/18/2015 10:00:00	65		69	7	V
JOT403	060719002	1	04/18/2015 11:00:00	69		70	6	V
JOT403	060719002	1	04/18/2015 12:00:00	68			5	I
JOT403	060719002	1	04/18/2015 13:00:00	68			4	I
JOT403	060719002	1	04/18/2015 14:00:00	69			4	I
JOT403	060719002	1	04/18/2015 15:00:00	73			4	I
JOT403	060719002	1	04/18/2015 16:00:00	75			4	I
JOT403	060719002	1	04/18/2015 17:00:00	79	I		4	I
JOT403	060719002	1	04/18/2015 18:00:00	81	I		5	I
JOT403	060719002	1	04/18/2015 19:00:00	78	I	66	6	V
JOT403	060719002	1	04/18/2015 20:00:00	77	I	65	7	V
JOT403	060719002	1	04/18/2015 21:00:00	75		64	8	V
JOT403	060719002	1	04/18/2015 22:00:00	70		62	8	V
JOT403	060719002	1	04/18/2015 23:00:00	66		60	8	V
JOT403	060719002	1	04/19/2015 00:00:00	65		60	8	V
PIN414	060690003	1	04/17/2015 00:00:00	35		29	8	V
PIN414	060690003	1	04/17/2015 01:00:00	33	<	31	8	V
PIN414	060690003	1	04/17/2015 02:00:00	31	<	35	8	V
PIN414	060690003	1	04/17/2015 03:00:00	28		39	8	V
PIN414	060690003	1	04/17/2015 04:00:00	28		43	8	V
PIN414	060690003	1	04/17/2015 05:00:00	26		48	8	V
PIN414	060690003	1	04/17/2015 06:00:00	24		53	8	V
PIN414	060690003	1	04/17/2015 07:00:00	33		59	8	V
PIN414	060690003	1	04/17/2015 08:00:00	50		64	8	V
PIN414	060690003	1	04/17/2015 09:00:00	62		66	8	V
PIN414	060690003	1	04/17/2015 10:00:00	63		66	8	V
PIN414	060690003	1	04/17/2015 11:00:00	63		67	8	V
PIN414	060690003	1	04/17/2015 12:00:00	66		67	8	V
PIN414	060690003	1	04/17/2015 13:00:00	68		67	8	V
PIN414	060690003	1	04/17/2015 14:00:00	70		65	8	V
PIN414	060690003	1	04/17/2015 15:00:00	70		62	8	V
PIN414	060690003	1	04/17/2015 16:00:00	68		58	8	V
PIN414	060690003	1	04/17/2015 17:00:00	67		55	8	V
PIN414	060690003	1	04/17/2015 18:00:00	68		51	8	V
PIN414	060690003	1	04/17/2015 19:00:00	66		47	8	V
PIN414	060690003	1	04/17/2015 20:00:00	61		43	8	V
PIN414	060690003	1	04/17/2015 21:00:00	51		39	8	V
PIN414	060690003	1	04/17/2015 22:00:00	47		37	8	V

20	11	99
16	18	4
14	22	0
13	21	0
14	22	0
13	22	0
13	21	0
14	19	0
12	21	0
12	22	0
13	20	0
12	20	0
12	20	40
17	15	229
20	12	453
22	11	663
23	10	836
23	11	949
24	11	1,004
25	10	987
24	10	893
24	10	761
24	11	566
23	12	341
21	15	103
20	19	4
19	21	0
18	22	0
17	22	0
18	19	0
18	17	0
18	16	0
6	58	0
5	63	0
4	66	0
3	71	0
3	72	0
3	74	8
4	72	90
12	48	363
19	29	568
24	19	740
26	16	874
28	16	941
29	14	948
29	13	890
29	13	772
28	13	606
27	14	405
25	16	193
21	22	12
18	29	0
15	35	0
11	45	1
9	52	1

0	2	337
0	2	208
0	3	205
0	3	218
0	3	207
0	3	199
0	3	219
0	4	224
0	4	212
0	4	211
0	3	216
0	5	195
0	4	196
0	1	190
0	1	24
0	2	6
0	2	21
0	1	197
0	4	192
0	4	213
0	3	215
0	4	209
0	4	223
0	4	235
0	4	244
0	5	239
0	4	237
0	4	224
0	4	217
0	4	234
0	4	238
0	4	249
0	2	208
0	2	211
0	2	204
0	2	207
0	2	205
0	2	206
0	2	210
0	1	260
0	1	281
0	1	314
0	2	336
0	3	2
0	2	32
0	2	60
0	4	57
0	3	81
0	3	102
0	2	119
0	2	153
0	2	164
0	2	198
0	2	205
0	1	202

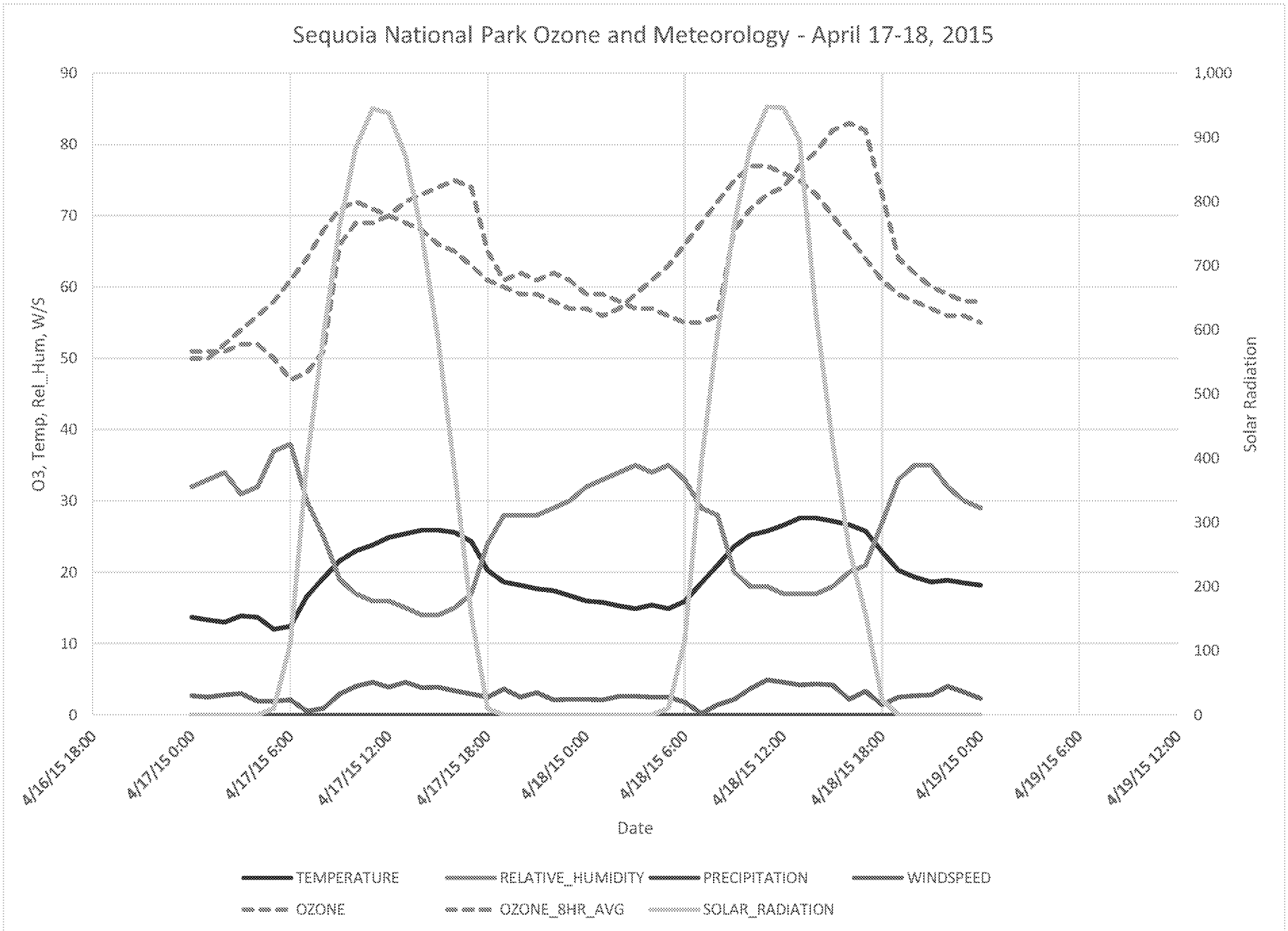
34	3
24	2
14	3
15	3
13	3
43	3
12	4
7	4
7	4
8	4
11	4
4	5
4	4
38	2
31	1
30	2
26	3
45	3
26	4
28	4
31	4
23	5
33	4
21	4
17	4
14	5
13	4
12	4
10	4
10	4
12	4
12	4
6	2
7	2
11	2
12	2
7	2
8	2
8	2
27	1
23	1
49	2
37	3
22	3
49	3
42	3
38	4
37	4
34	3
36	3
22	2
14	2
14	2
9	2
21	1

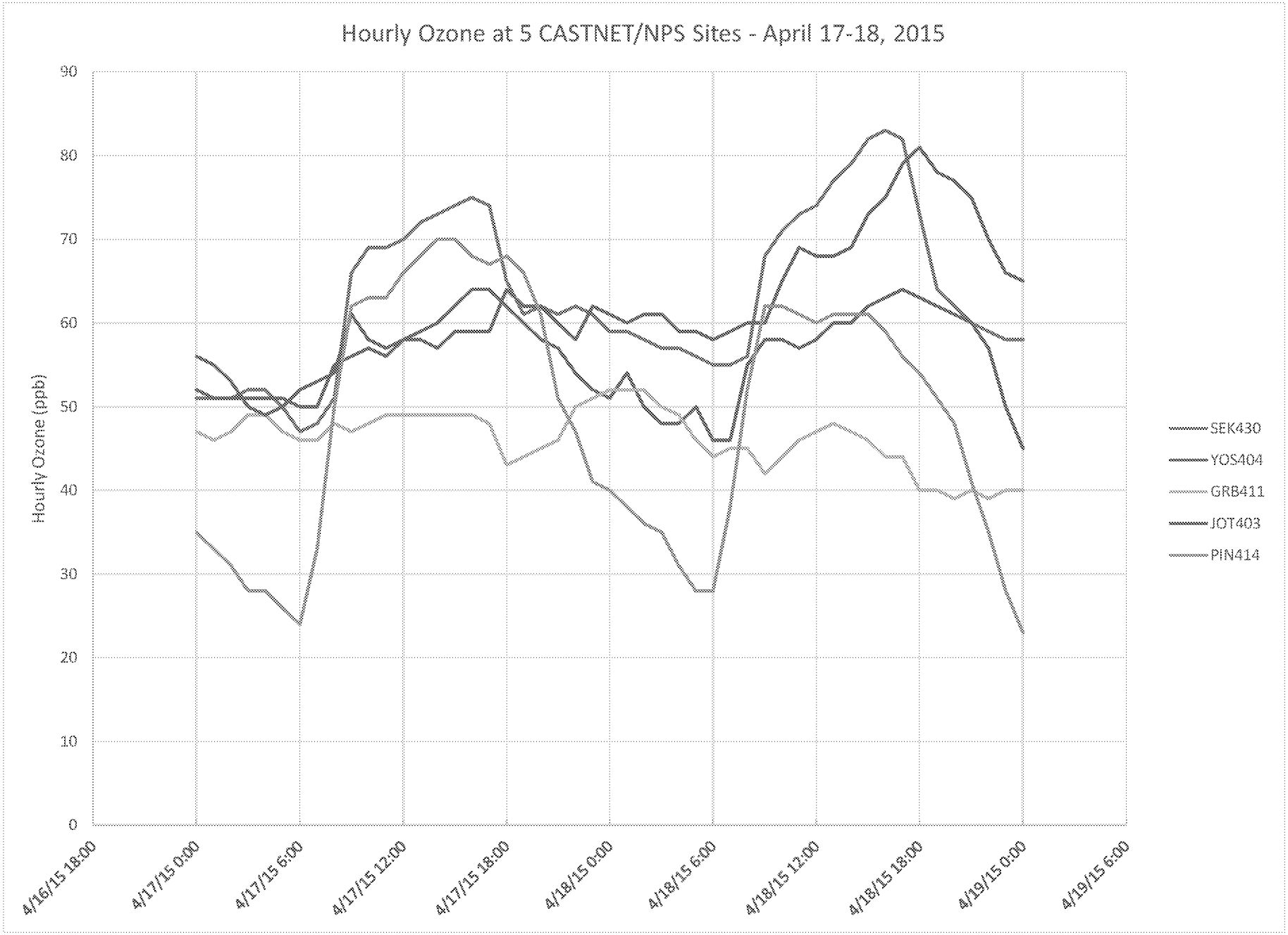
PIN414	060690003	1	04/17/2015 23:00:00	41		34	8 V
PIN414	060690003	1	04/18/2015 00:00:00	40		34	8 V
PIN414	060690003	1	04/18/2015 01:00:00	38	<	35	8 V
PIN414	060690003	1	04/18/2015 02:00:00	36	<	38	8 V
PIN414	060690003	1	04/18/2015 03:00:00	35		42	8 V
PIN414	060690003	1	04/18/2015 04:00:00	31		45	8 V
PIN414	060690003	1	04/18/2015 05:00:00	28		48	8 V
PIN414	060690003	1	04/18/2015 06:00:00	28		53	8 V
PIN414	060690003	1	04/18/2015 07:00:00	38		57	8 V
PIN414	060690003	1	04/18/2015 08:00:00	52		60	8 V
PIN414	060690003	1	04/18/2015 09:00:00	62		60	8 V
PIN414	060690003	1	04/18/2015 10:00:00	62		60	8 V
PIN414	060690003	1	04/18/2015 11:00:00	61		59	8 V
PIN414	060690003	1	04/18/2015 12:00:00	60		57	8 V
PIN414	060690003	1	04/18/2015 13:00:00	61		56	8 V
PIN414	060690003	1	04/18/2015 14:00:00	61		53	8 V
PIN414	060690003	1	04/18/2015 15:00:00	61		50	8 V
PIN414	060690003	1	04/18/2015 16:00:00	59		46	8 V
PIN414	060690003	1	04/18/2015 17:00:00	56		42	8 V
PIN414	060690003	1	04/18/2015 18:00:00	54		37	8 V
PIN414	060690003	1	04/18/2015 19:00:00	51		32	8 V
PIN414	060690003	1	04/18/2015 20:00:00	48		28	8 V
PIN414	060690003	1	04/18/2015 21:00:00	41		24	8 V
PIN414	060690003	1	04/18/2015 22:00:00	35		20	8 V
PIN414	060690003	1	04/18/2015 23:00:00	28		17	8 V
PIN414	060690003	1	04/19/2015 00:00:00	23		16	8 V

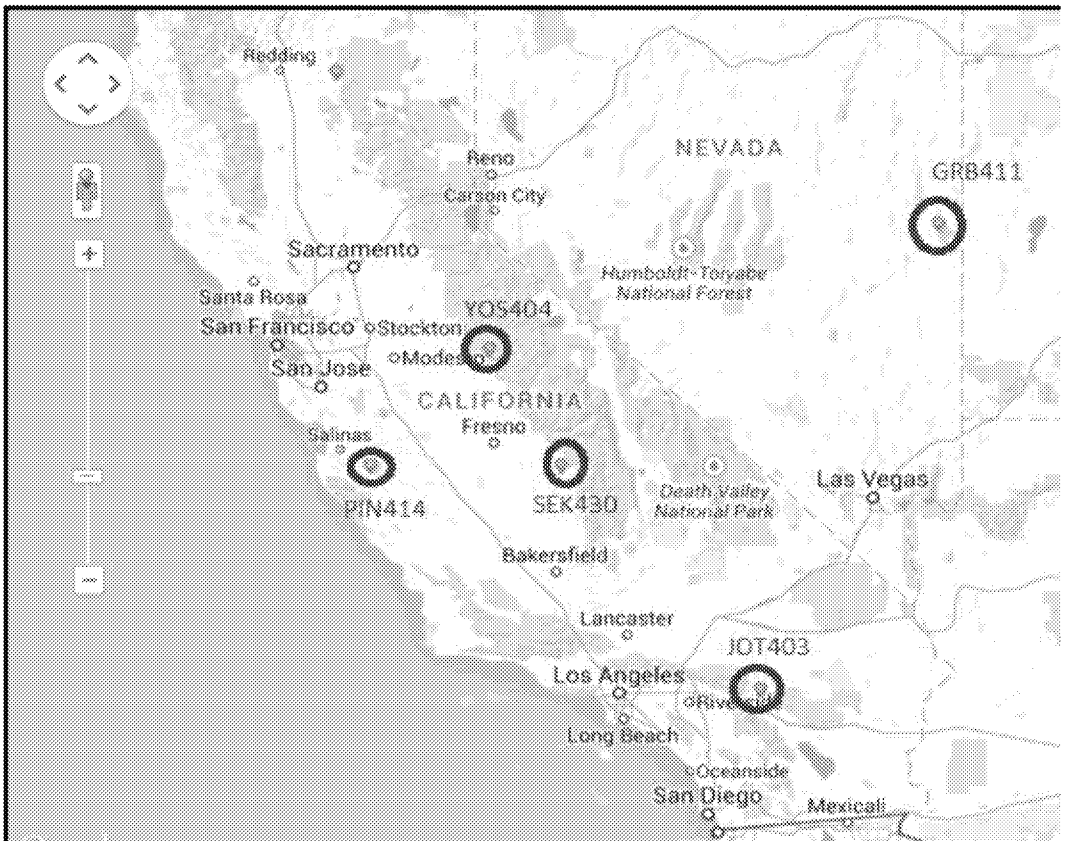
7	58	1
6	62	0
5	66	0
5	70	0
4	73	0
3	77	0
3	81	8
4	77	95
12	51	370
19	32	573
24	21	745
26	16	878
28	15	944
29	14	947
30	14	885
30	15	767
29	17	600
28	17	403
24	22	192
21	28	12
17	38	0
15	46	0
12	53	0
9	59	0
7	65	0
6	70	0

0	2	207
0	2	207
0	2	210
0	2	206
0	2	206
0	2	210
0	2	208
0	2	209
0	1	258
0	2	337
0	2	359
0	3	359
0	3	4
0	2	77
0	3	56
0	2	89
0	2	100
0	3	211
0	3	214
0	3	209
0	3	201
0	3	201
0	2	204
0	2	204
0	1	212
0	1	213

16	2
8	2
6	2
6	2
6	2
7	2
7	2
7	2
19	1
23	2
23	3
22	3
19	3
34	3
34	4
52	3
32	3
37	3
10	3
10	3
9	3
10	3
13	2
10	2
15	1
9	1


Sequoia National Park Ozone and Meteorology - April 17-18, 2015
O3, Temp, Rel_Hum, W/S
Solar Radiation
90
80
70
60
50
40
30
20
10
0
1,000
900
800
700
600
500
400
300
200
100
0
4/16/15 18:00
4/17/15 0:00
4/17/15 6:00
4/17/15 12:00
4/17/15 18:00
4/18/15 0:00
4/18/15 6:00
4/18/15 12:00
4/18/15 18:00
4/19/15 0:00
4/19/15 6:00
4/19/15 12:00
Date
TEMPERATURE
RELATIVE_HUMIDITY
PRECIPITATION
WINDSPEED
OZONE
OZONE_8HR_AVG
SOLAR_RADIATION


Hourly Ozone at 5 CASTNET/NPS Sites - April 17-18, 2015
Hourly Ozone (ppb)
90
80
70
60
50
40
30
20
10
0
4/16/15 18:00
4/17/15 0:00
4/17/15 6:00
4/17/15 12:00
4/17/15 18:00
4/18/15 0:00
4/18/15 6:00
4/18/15 12:00
4/18/15 18:00
4/19/15 0:00
4/19/15 6:00
SEK430
YOS404
GRB411
JOT403
PIN414



http://java.epa.gov/castnet/epa_jsp/sites.jsp

```
SELECT site_id,
       aqs_id,
       poc,
       date_time,
       ozone,
       ozone_f,
       ozone_8hr_avg,
       cnt_8hr,
       ozone_8hr_f,
       temperature,
       temperature_f,
       relative_humidity,
       relative_humidity_f,
       solar_radiation,
       solar_radiation_f,
       precipitation,
       precipitation_f,
       windspeed,
       windspeed_f,
       wind_direction,
       wind_direction_f,
       sigma_theta,
       sigma_theta_f,
       windspeed_scalar,
       windspeed_scalar_f
   FROM (SELECT site_id,
                date_time,
                ozone,
                ozone_f,
                ozone_8hr_avg,
                cnt_8hr,
                ozone_8hr_f,
                temperature,
                temperature_f,
                relative_humidity,
                relative_humidity_f,
                solar_radiation,
                solar_radiation_f,
                precipitation,
                precipitation_f,
                windspeed,
                windspeed_f,
                wind_direction,
                wind_direction_f,
                sigma_theta,
                sigma_theta_f,
                windspeed_scalar,
                windspeed_scalar_f
         FROM (SELECT *
                 FROM castnet.metdata
                WHERE     site_id IN ('SEK430',
                                      'YOS404',
                                      'PIN414',
                                      'JOT403',
```

```
                    'GRB411')
            AND date_time BETWEEN '17-APR-2015'
                      AND '19-APR-2015')
      RIGHT JOIN
      (SELECT *
        FROM castnet.ozone_8hr_avg
       WHERE     site_id IN ('SEK430',
                    'YOS404',
                    'PIN414',
                    'JOT403',
                    'GRB411')
            AND date_time BETWEEN '17-APR-2015'
                      AND '19-APR-2015')
        USING (site_id, date_time))
RIGHT JOIN (SELECT castnet_id AS site_id, aqs_id, poc
          FROM anp_site
         WHERE castnet_id IN ('SEK430',
                      'YOS404',
                      'PIN414',
                      'JOT403',
                      'GRB411'))
  USING (site_id);
```