

Monthly Matrix SO2 (HL11)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: HL11
Parameter: SO2 (PPB) Sulfur Dioxide
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
03	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
04	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
05	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
06	2	6	3	7	19	13	4	2P	2	2P	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	19
07	1	1	1	1	1	1	1	1P	1	1P	1	1	1	1	1	1C 9955c	3C	2	2	5	6	3	2	2	2	1	6
08	1	1	1	1	1	1	1	1P	1	1P	1	1	1	2	2C 9955c	3C	3	3	2	2	2	2	2	1	1	1	3
09	1	1	1	1	1	1	1	1P	1	1P	1	1	1	1	1C 9955c	4C	2	2	2	1	1	1	1	1	1	1	4
10	1	1	1	1	1	1	1	1P	1	1P	1	1	1	1	2C 9955c	4C	4	4	6	4	4	2	2	1	1	1	6
11	1	1	1	1	1	1	1	1P	1	1P	2	4	4	9978p	9978p	9978p	2P	2	1	1	1	1	1	1	1	1	4
12	1	1	1	1	1	1	1	1P	1	1P	1	1	2	3	4C 9955c	3C	2	2	2	2	12	6	2	2	2	1	12
13	1	1	1	1	1	1	1	1P	1	1P	2	2	1	1	1C 9955c	3C	2	2	2	1	1	1	1	1	1	1	3
14	1	1	1	1	1	1	1	1P	1	1P	1	1	1	1	1C 9955c	3C	2	2	2	1	1	1	1	1	1	1	3
15	1	1	1	1	1	1	1	1P	1	1P	1	1	1	1	1C 9955c	2C	2	2	2	1	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	1P	1	1P	1	1	1	1	1C 9955c	2C	2	2	2	2	1	1	1	1	1	1	2
17	1	1	1	1	1	1	1	1P	1	1P	1	1	1	1	1C 9955c	2C	2	2	2	2	2	1	1	1	1	1	2
18	1	1	1	1	1	1	1	1P	1	1P	1	1	1	1	1C 9955c	3C	2	2	2	2	2	1	1	1	1	1	3
19	1	1	1	1	1	1	1	1P	1	1P	1	1	1	1	1C 9955c	5C	3P	2	2	2	2	1	1	1	1	1	5
20	1	1	1	1	1	1	1	1P	1	1P	1	1	1	1	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	6
25	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	3
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	3
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	3
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
29																											
30																											
31																											

Flags: Monthly: 1 19
2 Ave Min Max

b = Bad Condition - Invalid Hour (9980)
C = Calibration - Valid Hour
c = Calibration - Invalid Hour (9995)
P = Power Failure - Valid Hour
p = Power Failure - Invalid Hour (9978)

Monthly Matrix PM2.5 (HL11)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: HL11
Parameter: PM2.5 (ug/m3) Particulate Matter 2.5 ug/m3
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max
01	7	7	5	9978p	9978p	9978p	9978p	6	7	6	10	12	10	12	12	4	2	6	7	8	7	7	7	5	2	12
02	6	4	5	7	7	8	7	4	4	7	8	6	6	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	4	8
03	5	3	5	3	3	3	4	0P	5	4	4	5	5	4	3	0P	4	6	6	5	5	5	4	4	0	6
04	6	5	4	7	6	5	7	6	4	4	4	6	5	6	0P	7	7	6	5	6	6	6	6	7	0	7
05	8	7	7	7	8	8	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	7	8
06	4	6	6	6	8	9	11	10	6	0P	5	4	4	5	5	0P	6	6	7	8	7	3	4	4	0	11
07	5	6	6	8	6	5	2	2	3	4	6	7	7	8	8	7	6	6	6	7	6	7	6	5	2	8
08	6	6	3	5	6	5	2	3	7	6	5	6	5	7	8	8	7	6	10	9	7	7	6	8	2	10
09	6	4	4	3	5	6	6	7	3	2	7	11	10	7	6	10	9	9	9	7	6	4	5	6	2	11
10	6	6	4	3	2	4	6	9	9	5	6	6	7	10	10	8	6	5	5	5	7	9	7	3	2	10
11	4	3	2	3	4	7	7	6	8	6	3	3	4	9978p	9978p	0P	0P	5	7	8	5	4	9980b	9980b	0	8
12	6	8	8	5	4	5	5	4	5	5	6	8	9	9	11	13	12	10	8	9	9	7	5	5	4	13
13	6	6	6	6	5	5	6	7	7	8	9	11	8	6	8	10	10	9	10	9	8	8	9	8	5	11
14	7	7	9	10	7	7	9	7	8	10	8	7	9	11	8	6	6	6	7	6	9	9	6	8	6	11
15	10	8	6	7	6	7	8	6	7	8	9	8	6	8	10	9	9	9	9	8	9	9	10	10	6	10
16	8	7	6	7	6	3	5	6	7	7	5	7	8	7	9	8	7	6	4	5	8	10	11	9	3	11
17	6	5	5	7	7	7	8	8	9	9	9	12	10	9	12	12	10	10	11	9	7	6	7	7	5	12
18	5	2	4	6	4	7	8	7	4	4	4	6	10	8	8	5	3	4	4	5	6	6	6	7	2	10
19	9	8	5	3	3	3	5	6	5	4	5	6	7	7	6	6	6	4	4	6	5	8	9	7	3	9
20	6	6	6	5	6	7	6	5	5	7	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	5	7
21	3	4	6	6	6	6	6	6	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	3	6
22	6	6	6	6	6	6	6	6	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	6	6
23	6	6	6	6	6	6	6	6	6	6	6	8	10	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	6	10
24	8	8	5	5	7	7	8	7	17	4	4	3	2	2	3	2	2	1	2	3	4	6	2	-1	-1	17
25	3	4	2	2	3	4	4	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	2	4
26	4	4	6	7	7	8	6	6	6	6	4	2	7	7	4	7	6	1	2	4	4	5	6	4	1	8
27	2	3	4	3	2	2	2	1	1	4	4	1	1	0	1	3	1	2	2	1	3	3	2	2	0	4
28	2	3	2	1	2	3	7	6	3	1	1	2	4	5											1	7
29																										
30																										
31																										

Flags: Monthly: 6 Ave -1 17
 b = Bad Condition - Invalid Hour (9980)
 P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)

Wind Direction (HL11)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: HL11
Parameter: WD (DEG) Wind Direction
Month/Year: Feb 2009

Day	HOUR BEGINNING (Local Standard Time)																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	259	264	262	9978p	9978p	9978p	254p	218	127	54	64	68	67	63	62	55	44	311	299	283	266	258	285	9980b
02	266	260	281	285	274	253	246	268p	276	45	58	25	33	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
03	291	311	336	307	314	320	329	45p	39	3	30	23	17	24	26	6p	10	316	335	315	261	278	287	279
04	248	273	271	268	269	278	283	281p	237	269	293	291	340	61	61p	309	125	270	281	285	263	272	264	265
05	287	267	254	262	265	277	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
06	257	246	269	272	264	225	246	256p	234	205p	198	173	141	107	61	88p	108	108	130	162	212	223	235	262
07	262	263	261	259	264	258	262	261p	256	126	98	77	80	85	107	95	85	80	83	244	275	295	297	284
08	275	251	259	252	252	269	276	296p	264	267	270	291	59	68	56	54	46	97	236	261	234	263	254	262
09	253	238	235	257	267	268	257	254p	254	226	230	240	231	239	107	223	236	267	248	250	266	260	250	257
10	261	286	259	255	250	209	237	241p	245	261	234	290	326	270	234	285	261	104	123	265	245	254	261	235
11	251	286	253	260	250	246	227	262p	215	92	117	148	88	9978p	9978p	224p	266	260	286	245	271	9980b	9980b	9980b
12	268	268	279	193	270	257	264	261p	251	217	170	117	107	102	96	97	100	97	95	110	235	286	264	263
13	262	283	271	256	291	251	278	259p	16	54	66	59	58	64	47	49	52	45	313	286	265	245	230	277
14	71	256	270	276	261	272	263	259p	246	278	300	360	43	14	32	65	325	253	267	266	264	265	236	261
15	271	268	263	279	269	269	259	267p	276	312	39	43	29	57	55	58	24	337	267	263	268	264	263	265
16	271	259	338	277	273	267	264	263p	276	287	58	48	67	53	61	62	56	346	286	275	277	268	278	273
17	273	260	267	262	262	262	261	273p	283	82	64	71	68	58	54	50	43	312	270	276	277	279	278	291
18	278	275	272	262	310	287	285	280p	309	32	329	27	63	57	52	49	51	46	318	267	275	268	260	260
19	259	266	271	258	261	263	296	342p	336	308	317	330	339	38	42	16	355	308p	271	290	283	257	216	263
20	276	277	278	279	278	303	296	291p	326	338	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
21	150	263	274	272	292	278	279	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
22	268	245	219	274	333	287	270	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
23	268	263	263	266	264	265	264	261p	269	149	67	58	61	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
24	280	281	273	271	263	276	283	304p	281	278	319	291	346	290	311	31	57	25	286	273	274	279	282	294
25	273	175	290	247	251	288	286	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
26	293	305	297	306	296	304	297	293p	305	3	18	47	13	359	11	10	5	342	320	310	296	300	299	289
27	312	280	295	299	297	290	290	295p	317	15	323	351	326	4	20	21	3	340	312	294	291	297	292	9980b
28	290	285	285	291	298	298	300	297p	324	335	342	25	50	340										
29																								
30																								
31																								

Flags: Monthly Ave: 221
b = Bad Condition - Invalid Hour (9980)
P = Power Failure - Valid Hour
p = Power Failure - Invalid Hour (9978)

Wind Speed (HL11)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: HL11
Parameter: WS (MPH) Wind Speed
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	3.2	3.4	3.5	3.5	3.4	2.8	2.1	2.8	3.2P	2.6	2.8	3.5	3.5	3.8	3.6	4.6P	4.7	4.3	2.2	0.5	1.6	1.8	0.9	1.8	1.9	5.2	
02	3.3	2.8	4.0	4.6	2.3	1.8	2.6	2.3P	2.0	2.6	4.5	4.6	5.3	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1.8	5.3	
03	3.6	3.7	3.1	3.9	4.0	3.4	4.3	3.7P	4.8	3.9	4.7	3.6	4.4	4.0	4.6	4.1P	3.7	4.5	3.1	3.4	2.6	3.7	2.4	3.8	2.4	4.8	
04	2.0	2.8	2.6	2.4	1.7	2.2	3.7	3.8P	2.5	2.5	3.4	2.8	2.4	3.9	3.6P	2.5	2.5	3.0	4.4	3.9	2.7	3.2	2.2	1.8	1.7	4.4	
05	2.5	2.1	2.2	2.0	2.5	2.7	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	2.0	2.7	
06	3.3	2.7	3.2	3.4	2.8	2.1	2.8	3.2P	2.6	2.2P	2.8	3.5	3.5	3.8	3.6	4.6P	4.7	4.3	2.2	0.5	1.6	1.8	0.9	1.8	0.5	4.7	
07	3.4	3.4	2.6	2.4	2.2	2.0	2.4	2.6P	1.8	2.5	4.7	4.8	5.1	3.9	4.2	3.8	3.7	3.8	1.5	1.5	2.7	2.8	3.2	2.7	1.5	5.1	
08	3.9	2.6	2.7	2.0	1.9	3.0	3.1	2.4P	2.8	4.0	4.1	3.2	2.4	3.2	2.9	3.2	1.9	1.6	1.8	2.4	3.1	3.6	4.5	3.9	1.6	4.5	
09	3.3	2.5	2.3	3.0	2.4	3.1	3.3	3.6P	2.9	2.3	2.4	3.6	3.2	2.7	2.9	3.7	3.4	2.2	2.9	3.1	3.8	3.9	3.6	3.3	2.2	3.9	
10	3.3	3.8	2.4	2.7	2.6	2.1	2.7	3.2P	2.5	3.3	1.9	1.9	3.6	3.2	2.2	2.9	2.1	2.9	1.8	1.6	2.3	2.3	2.4	2.1	1.6	3.8	
11	2.8	3.7	2.5	2.9	2.0	1.2	2.2	2.9P	1.7	2.7	4.1	2.6	5.3	9978p	9978p	9978p	2.5P	4.2	3.4	4.6	2.8	4.4	9980b	9980b	1.2	5.3	
12	4.2	3.9	3.0	1.7	2.0	2.8	3.4	3.2P	3.3	2.4	2.8	4.4	5.4	5.4	5.6	5.9	6.3	4.5	4.0	2.7	1.8	3.3	3.1	2.7	1.7	6.3	
13	2.6	2.7	3.3	3.7	4.1	3.4	2.2	2.4P	1.8	3.1	4.8	4.9	5.1	5.3	4.4	4.0	4.0	2.4	2.2	3.2	2.6	1.7	1.5	2.1	1.5	5.3	
14	2.6	2.2	2.9	3.6	3.3	4.5	3.7	2.9P	1.9	2.0	4.3	2.8	3.0	4.2	4.2	5.2	4.7	2.6	3.1	2.5	1.9	2.4	1.6	2.8	1.6	5.2	
15	3.4	2.9	3.2	3.9	3.2	3.7	3.2	3.5P	3.4	3.7	4.0	3.6	3.7	4.3	4.2	3.6	3.3	2.0	2.5	2.5	2.9	2.8	2.5	2.8	2.0	4.3	
16	2.8	1.7	3.8	5.4	3.5	2.9	2.7	2.4P	2.6	1.5	3.3	2.8	5.6	3.0	4.4	4.8	3.9	2.1	2.8	4.2	4.5	3.3	3.6	4.4	1.5	5.6	
17	4.9	3.2	2.8	2.4	2.2	2.4	2.6	3.2P	1.9	3.0	4.5	5.2	5.3	4.7	5.2	4.1	4.6	3.9	3.3	3.8	4.2	4.4	3.8	3.2	1.9	5.3	
18	5.6	5.0	3.9	2.8	3.0	4.2	4.9	4.5P	3.3	4.3	4.5	4.8	6.0	5.0	5.4	5.5	4.5	2.7	2.1	2.4	3.0	2.5	2.2	2.8	2.1	6.0	
19	3.0	3.3	3.2	2.8	2.4	2.3	2.5	3.8P	2.5	3.2	6.4	6.5	5.4	4.4	4.0	3.8	3.4	5.9P	3.0	3.0	4.1	2.4	1.9	2.6	1.9	6.5	
20	3.8	4.4	4.4	4.3	2.1	6.7	5.1	3.5P	3.9	4.6	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	2.1	6.7	
21	1.9	2.6	4.4	3.1	5.4	4.1	4.6	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1.9	5.4	
22	2.3	1.9	2.0	3.6	2.9	5.3	4.3	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1.9	5.3	
23	3.0	2.8	2.7	3.6	3.4	3.6	3.8	3.5P	1.9	2.3	3.5	5.1	4.9	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1.9	5.1	
24	3.1	2.1	3.4	3.3	2.2	3.7	3.4	2.6P	4.6	3.1	2.5	2.8	2.3	3.5	2.6	2.7	3.6	1.6	3.2	3.3	4.5	5.0	5.1	5.5	1.6	5.5	
25	4.4	1.5	3.2	2.1	2.3	5.6	4.6	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1.5	5.6	
26	4.9	4.5	4.8	5.0	5.2	5.0	5.9	6.1P	5.3	4.9	5.7	6.7	6.6	7.9	6.2	4.6	5.5	5.7	6.1	6.5	5.4	4.9	4.5	5.6	4.5	7.9	
27	4.5	3.8	5.5	5.9	6.5	6.2	6.0	5.2P	3.8	4.5	6.6	5.8	6.4	6.7	5.4	5.1	5.3	6.0	5.1	7.2	6.8	7.3	6.1	9980b	3.8	7.3	
28	6.4	5.1	5.6	5.9	3.8	6.5	5.1	6.3P	5.4	6.1	4.8	4.4	5.7	6.3											3.8	6.5	
29																											
30																											
31																											

Flags: Monthly: 3.6 Ave 0.5 Min 7.9 Max
b = Bad Condition - Invalid Hour (9980)
P = Power Failure - Valid Hour
p = Power Failure - Invalid Hour (9978)

Monthly Matrix SO2 (KN12)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: KN12
Parameter: SO2 (PPB) Sulfur Dioxide
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	0	-1	-1	-1	-1	-1	-1	-1	-1	0	9995c	1	0	0	-1	-1	-1c	9995c	1c	0	0	-1	-1	-1	-1	-1	1
02	1	0	0	0	0	0	0	2	5	3	9995c	6	5	14	22	20	20	18	10	7	5	5	2	1	0	22	
03	1	1	1	1	2	1	2	2	3	6	9995c	8	15	9995c	21	22	36	39	24	14	8	6	6	4	1	39	
04	5	3	4	5	3	3	3	3	2	3	9995c	7	9	9	13	21	26	17	13	12	8	7	6	2	2	26	
05	0	0	0	0	0	1	4	3	1	2	9995c	4	6	6	5	2	0	0	0	0	0	0	-1	0	-1	6	
06	0	0	0	0	0	-1	-1	-1	0	0	9995c	2	2	3	5	3	1	0	-1	0	0	0	-1	-1	-1	5	
07	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	9995c	0	-1	-1	1	1	1	1	1	0	0	-1	-1	-1	-1	2	
08	-1	-1	-1	-1	-1	-1	-1	-1	0	3	9995c	5	4	3	5	5	4	3	2	0	-1	-1	-1	-1	-1	0	
09	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	9995c	6	7	9995c	5	4	1	0	0	0	0	-1	-1	-1	-1	5	
10	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	9995c	6	6	5	7	12	16	19	17	4	3	2	0	0	-1	7	
11	-1	-1	-1	-1	-1	-1	-1	-1	0	1	9995c	5	3	5	3	2	2	2	2	0	0	0	0	0	0	19	
12	0	0	0	0	0	0	0	0	0	1	9995c	5	3	5	3	2	2	2	2	0	0	0	0	0	0	5	
13	0	-1	-1	-1	-1	-1	-1	-1	0	1	9995c	3	1	2	4	2	1	3	3	2	3	1	0	0	-1	4	
14	-1	-1	-1	-1	-1	0	-1	0	1	4	9995c	8	5	6	4	3	2	1	0	-1	-1	-1	-1	-1	-1	8	
15	-1	-1	-1	0	0	0	0	0	1	3	9995c	3	1	1	7	10	10	3	2	2	2	1	0	0	0	10	
16	0	0	0	0	-1	0	0	0	6	14	9995c	10	9	4	2	1	1	2	0	0	0	0	0	-1	-1	14	
17	-1	-1	-1	-1	-1	-1	0	0	0	1	9995c	1	0	9995c	2	1	0	1	0	-1	-1	-1	-1	-1	-1	2	
18	0	0	0	0	-1	-1	-1	-1	-1	0	9995c	3	4	7	5	5	3	1	1	1	0	1	1	1	-1	7	
19	1	0	-1	0	0	0	-1	0	0	1	9995c	3	2	1	1	8	15	11	10	5	3	3	2	1	-1	15	
20	1	3	4	2	1	2	1	1	4	3	9995c	11	21	27	32	35	18	12	8	6	4	6	4	3	1	35	
21	2	1	2	2	2	2	1	1	3	6	9995c	31	40	29	23	2	0	0	0	-1	-1	-1	-1	0	-1	40	
22	0	-1	-1	-1	0	0	-1	-1	-1	0	9995c	4	3	2	0	0	0	0	-1	-1	0	-1	-1	-1	-1	4	
23	-1	-1	-1	-1	-1	-1	-1	-1	0	0	9995c	1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	
24	-1	-1	-1	-1	-1	0	0	-1	-1	-1	9995c	0	-1	9995c	0	6	8	3	1	1	1	0	-1	-1	-1	8	
25	-1	-1	-1	0	1	0	0	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	-1	1	
26	2	2	1	2	4	3	1	2	7	10	9995c	12	13	20	22	20	18	15	10	7	6	3	6	4	1	22	
27	6	6	3	4	4	3	3	3	2	3	9995c	11	10	11	14	13	11	8	6	3	1	1	1	1	1	14	
28	0	-1	2	2	3	3	4	4	10	16	9995c	19	20	17	11	9	8	8	6	5	3	2	3	-1	20		
29																											
30																											
31																											

Flags: Monthly: 3 Ave -1 Min Max
 b = Bad Condition - Invalid Hour (9980)
 C = Calibration - Valid Hour
 c = Calibration - Invalid Hour (9995)
 P = Power Failure - Valid Hour

Monthly Matrix PM2.5 (KN12)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: KN12
Parameter: PM2.5 (ug/m3) Particulate Matter 2.5 ug/m3
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max
01	16	17	12	10	8	7	6	6	7	10	11	12	17	15	15	11	9	8	8	8	7	6	9	11	6	17
02	13	17	10	11	13	13	11	15	10	11	12	13	20	20	32	37	34	36	34	33	20	25	27	26	10	37
03	16	22	22	14	14	14	17	17	15	20	21	23	26	30	32	24	28	39	37	26	21	28	24	23	14	39
04	19	24	27	21	22	23	19	16	14	17	14	13	13	17	21	25	27	26	27	13	17	21	17	17	13	27
05	19	11	12	17	20	14	13	13	13	17	18	16	18	16	20	15	13	13	13	9	15	12	16	15	9	20
06	14	18	16	14	18	13	13	13	7	8	13	16	22	20	24	28	16	17	10	9	8	19	14	13	7	28
07	10	8	10	13	10	7	8	10	9	10	12	16	15	16	14	17	16	17	12	11	9	6	9	11	6	17
08	17	13	12	13	9	8	11	12	9	7	8	11	13	13	13	9	10	16	12	13	16	12	10	9	7	17
09	11	9	6	9	12	9	8	10	9	9	22	15	21	18	22	23	17	24	18	15	8	7	6	8	6	24
10	10	16	21	14	16	10	12	13	17	13	20	20	16	24	25	24	19	16	10	10	9	8	10	13	8	25
11	14	13	12	16	12	13	14	11	10	13	14	21	15	19	21	24	32	33	30	33	15	14	21	15	10	33
12	12	11	11	11	17	10	18	15	13	18	13	15	20	14	14	16	12	13	19	13	13	14	16	16	10	20
13	19	18	15	15	12	13	13	12	20	9	10	16	12	12	11	20	13	15	13	21	17	19	14	10	9	21
14	9	11	11	11	10	10	11	9	9	12	13	14	18	13	16	20	15	19	15	7	8	16	17	15	7	20
15	13	13	15	13	11	11	10	10	10	11	15	18	14	19	15	21	23	19	13	11	16	12	13	14	10	23
16	18	11	21	19	24	13	17	14	14	19	18	16	18	21	11	17	17	12	14	12	9	9	17	8	8	24
17	16	12	13	18	14	13	12	13	15	15	13	18	14	15	13	13	15	14	14	13	12	12	12	13	12	18
18	16	15	13	18	12	10	10	12	17	18	15	19	21	26	19	15	20	17	21	19	22	21	19	22	10	26
19	21	24	17	21	14	14	13	18	15	22	18	22	16	14	18	16	16	23	24	25	24	20	21	19	13	25
20	21	19	26	27	20	18	20	17	18	18	8	18	15	23	30	31	35	23	16	23	19	22	24	23	8	35
21	25	18	17	25	23	20	17	22	19	13	16	23	22	22	27	24	7	7	7	7	6	10	21	17	6	27
22	23	15	18	22	16	18	14	17	17	13	18	19	22	17	19	12	11	10	9	10	9	7	8	12	7	23
23	14	12	11	11	10	12	14	14	13	14	17	20	19	14	18	9	9	7	6	4	3	3	3	3	3	20
24	6	9	6	4	7	11	13	11	11	10	9	11	10	8	9	8	16	16	8	10	9	8	11	12	4	16
25	17	14	17	19	22	24	17	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	14	24
26	18	28	23	25	15	20	20	18	15	17	21	18	20	24	25	21	22	25	24	15	16	17	13	13	13	28
27	20	23	16	22	11	19	21	13	12	12	11	12	17	20	18	19	12	18	16	12	10	8	8	9980b	8	23
28	10	10	12	13	11	11	10	11	13	13	10	22	15	12	12	13	19	18	13	16	16	18	15	10	10	25
29																										
30																										
31																										

Flags:
b = Bad Condition - Invalid Hour (9980)

Monthly: 15 Ave 3 39 Min Max

Wind Direction (KN12)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: **KN12**
 Parameter: **WD (DEG) Wind Direction**
 Month/Year: **Feb 2009**

Day	HOUR BEGINNING (Local Standard Time)																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	70	75	69	72	73	77	73	72	59	321	305	304	300	311	304	303	304	288	153	88	98	94	81	74
02	61	63	71	73	86	90	104	106	141	198	204	258	218	222	217	214	230	292	45	45	68	100	82	59
03	76	80	82	87	80	81	91	82	80	284	294	296	262	240	223	255	255	304	333	35	60	75	70	82
04	78	85	90	90	66	49	48	81	81	225	256	284	287	278	271	205	216	210	147	125	95	90	77	103
05	33	67	64	65	69	76	83	90	120	135	247	269	291	296	317	10	22	19	20	36	44	42	64	48
06	64	73	49	50	80	75	77	77	107	233	282	298	299	306	321	326	308	258	190	96	121	71	67	59
07	58	61	59	59	76	72	84	60	149	304	272	280	269	260	266	272	277	299	285	5	79	59	93	79
08	89	84	79	79	80	75	64	69	131	282	270	286	268	281	290	270	241	78	65	52	23	54	50	60
09	70	63	56	77	73	76	71	73	76	251	247	256	272	292	301	330	311	320	331	45	51	81	76	59
10	70	64	78	70	90	78	67	69	21	326	280	286	304	303	291	301	312	312	318	340	10	75	89	67
11	64	68	72	67	77	82	72	76P	54	293	276	271	267	278	285	279	301	297	356	71	73	73	66	64
12	78	74	77	86	88	84	80	76	59	279	265	293	318	305	283	240	240	245	226	60	62	68	70	68
13	81	82	84	82	75	77	75	69	24	248	262	235	252	262	273	300	284	294	288	275	275	55	69	75
14	83	78	75	66	74	77	80	73P	107	270	283	283	250	274	238	247	240	256	332	75	88	84	81	86
15	85	77	72	73	71	62	66	69	42	306	283	257	260	256	268	275	279	273	276	207	100	84	91	89
16	82	70	70	71	80	66	74	75	50	280	269	271	282	242	196	233	241	231	143	102	91	89	87	84
17	85	83	80	85	86	88	88	85	91	204	225	247	255	261	262	72	147	237	75	72	79	75	81	80
18	73	82	79	79	84	81	80	81	124	253	248	275	288	277	267	286	23	87	98	96	88	79	64	70
19	78	68	86	62	81	81	78	82	87	234	243	259	214	194	201	210	210	239	292	71	51	62	78	78
20	79	84	83	72	66	73	82	80P	144	200	218	249	263	258	259	267	241	225	128	104	93	107	95	89
21	82	77	75	81	83	93	78	80	161	244	257	245	258	256	252	254	245	220	192	86	94	79	72	72
22	69	65	66	69	79	71	71	72	68	270	249	252	273	245	237	255	205	218	129	68	55	66	70	70
23	65	67	72	72	70	72	73	72	54	331	340	295	270	270	282	270	295	296	71	81	76	72	58	74
24	83	74	66	62	59	62	75	81	148	196	184	252	258	265	246	233	222	226	129	151	106	92	79	90
25	83	84	82	68	74	79	90	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
26	73	74	80	63	70	66	65	86P	169	240	285	250	217	207	210	230	215	234	255	235	149	117	163	78
27	96	81	71	78	85	99	83	86	124	181	208	199	200	199	181	156	148	136	121	96	98	87	93	9980b
28	80	80	80	80	75	76	75	80	160	210	245	274	284	240	174	178	178	165	101	104	78	75	74	
29																								
30																								
31																								

Flags:
 b = Bad Condition - Invalid Hour (9980)
 P = Power Failure - Valid Hour
 Monthly Ave: **148**

Wind Speed (KN12)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: KN12
Parameter: WS (MPH) Wind Speed
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	5.5	6.7	7.4	9.8	8.9	8.2	7.5	7.2	2.7	3.6	6.2	5.9	6.5	7.1	7.9	6.9	5.5	3.3	2.5	5.5	6.0	5.8	4.9	6.0	2.5	9.8	
02	4.2	3.5	4.6	5.3	7.4	7.4	6.1	6.1	3.9	4.1	3.0	4.7	5.6	4.6	4.8	3.7	2.8	1.8	1.9	2.8	2.0	2.4	2.5	3.7	1.8	7.4	
03	4.9	6.0	4.8	6.0	4.9	5.5	6.5	6.1	4.2	3.0	4.4	5.1	4.1	3.7	3.8	2.7	4.8	2.2	2.2	1.2	2.6	4.8	3.4	4.0	1.2	6.5	
04	3.6	4.7	5.5	4.2	2.9	2.8	2.6	2.9	3.1	1.7	2.9	4.3	4.1	5.1	4.8	4.0	3.8	2.8	1.9	2.5	2.3	2.4	3.1	1.9	1.7	5.5	
05	1.8	3.5	4.3	4.4	4.5	7.2	4.3	4.8	2.8	1.7	4.2	4.4	3.9	4.1	4.5	3.4	2.9	3.0	2.3	2.8	3.0	3.5	3.2	3.9	1.7	7.2	
06	3.8	5.4	4.7	3.9	4.5	4.4	5.3	4.8	2.0	2.0	4.3	5.4	5.8	5.9	5.2	4.6	3.5	2.4	1.8	3.0	1.9	3.0	3.5	3.9	1.8	5.9	
07	3.9	4.9	4.2	4.0	4.8	4.6	6.5	5.7	1.8	2.0	4.5	4.9	5.7	5.4	5.1	4.0	3.8	3.6	2.7	2.7	5.2	3.8	5.3	4.7	1.8	6.5	
08	5.2	5.5	5.2	5.1	5.9	5.8	3.9	4.0	2.1	3.1	4.3	4.7	5.0	4.0	5.1	2.6	2.2	2.2	2.0	2.2	1.8	3.7	3.5	3.6	1.8	5.9	
09	4.8	4.7	3.3	4.1	4.2	5.1	4.8	4.7	3.2	3.3	3.9	4.3	5.6	4.6	5.5	4.4	6.0	3.7	2.3	2.1	2.5	3.9	3.6	3.4	2.1	6.0	
10	4.3	4.4	4.1	3.7	5.0	3.0	3.4	4.0	2.1	2.6	4.6	4.3	3.9	5.2	5.1	5.0	5.7	5.1	3.1	2.4	2.0	3.0	2.5	2.4	2.0	5.7	
11	2.4	3.9	5.9	4.5	4.3	4.6	4.5	4.4P	2.7	2.5	3.5	4.6	5.4	5.8	6.4	7.2	6.2	4.3	2.3	3.0	4.1	4.2	4.1	5.0	2.3	7.2	
12	5.8	4.9	5.8	6.8	6.8	6.9	6.5	5.4	2.5	3.3	3.6	4.9	4.3	6.7	5.6	4.8	3.8	3.5	1.6	1.8	3.0	3.5	3.2	3.3	1.6	6.9	
13	4.0	4.9	6.0	5.5	4.4	4.6	4.7	4.1	1.9	3.1	4.3	3.4	6.0	5.4	5.8	3.6	4.3	5.1	3.9	3.9	1.2	1.8	3.0	3.6	1.2	6.0	
14	4.8	5.9	4.6	4.5	5.3	5.6	5.4	4.1P	2.2	3.0	4.6	5.0	3.6	3.6	4.6	4.6	4.3	3.8	1.8	3.5	5.1	5.0	5.5	6.8	1.8	6.8	
15	7.0	5.8	6.4	6.5	5.8	5.7	5.4	5.6	3.5	4.2	5.7	5.3	5.3	6.3	5.9	5.7	5.3	4.1	3.6	1.7	2.9	3.6	5.3	5.8	1.7	7.0	
16	5.6	5.0	6.1	4.8	5.1	4.6	5.3	5.0	2.8	3.6	4.1	5.5	5.2	3.5	3.3	3.0	2.5	2.1	1.3	2.8	4.1	3.0	4.6	5.2	1.3	6.1	
17	5.4	5.9	5.6	6.5	7.6	7.3	7.0	7.0	3.6	3.9	4.4	4.4	5.3	5.0	3.4	2.5	2.0	0.6	3.0	3.0	4.9	4.2	4.4	4.3	0.6	7.6	
18	3.8	4.6	4.2	4.2	6.1	6.5	6.8	6.6	3.2	3.5	3.6	4.3	4.4	4.1	5.3	3.6	1.0	2.9	3.9	4.8	4.7	4.6	3.7	4.1	1.0	6.8	
19	5.2	4.8	6.1	4.4	6.0	6.5	6.3	6.2	3.4	2.7	2.8	4.5	6.1	7.5	7.6	6.1	4.3	3.4	2.0	1.0	1.8	3.0	3.8	4.4	1.0	7.6	
20	4.5	5.9	4.2	4.8	4.7	5.7	6.2	5.4P	2.8	3.4	2.6	3.9	3.9	4.5	4.2	4.9	3.4	2.5	2.2	4.1	4.8	4.0	4.8	4.4	2.2	6.2	
21	3.8	4.8	4.6	4.5	5.1	4.2	4.4	4.3	1.8	2.7	4.6	4.0	4.5	3.3	4.1	6.0	5.0	3.6	2.2	2.6	4.3	4.1	4.2	6.7	1.8	6.7	
22	5.9	5.3	4.6	3.9	4.1	4.9	5.5	5.9	3.1	3.9	4.7	4.8	5.3	4.7	3.8	5.4	3.4	2.4	2.2	2.5	2.5	2.3	3.4	5.0	2.2	5.9	
23	5.7	6.6	7.3	6.9	8.4	8.4	7.5	7.6	4.7	3.8	3.7	7.1	6.3	6.2	5.5	4.8	4.8	3.9	2.4	3.1	4.8	5.1	5.6	7.3	2.4	8.4	
24	5.1	4.6	4.1	4.9	4.2	4.2	4.0	3.7	1.9	3.4	3.1	4.1	4.7	4.0	3.5	4.6	3.3	2.8	1.4	2.1	2.7	3.9	3.7	4.6	1.4	5.1	
25	4.1	3.8	3.4	3.7	4.4	4.2	5.8	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	3.4	5.8	
26	3.8	3.8	4.3	3.6	4.6	4.1	5.0	4.1P	1.2	3.1	4.2	4.3	5.8	6.9	6.4	5.8	5.1	3.7	3.4	2.0	1.5	2.2	2.9	3.6	1.2	6.9	
27	4.3	4.8	5.3	6.8	6.8	5.9	6.2	6.2	3.6	4.3	4.9	5.7	6.6	5.8	5.5	4.8	4.6	3.8	2.9	3.8	3.9	5.0	4.9	9980b	2.9	6.8	
28	5.8	5.4	6.3	6.6	5.8	5.5	5.1	5.7	2.6	3.3	5.1	5.4	4.9	4.7	3.7	3.9	3.9	4.1	5.1	4.2	4.2	4.6	4.8	2.6	6.6	6.6	
29																											
30																											
31																											

Flags: Monthly: 4.4 Ave 0.6 Min 9.8 Max
 b = Bad Condition - Invalid Hour (9980)
 P = Power Failure - Valid Hour

Monthly Matrix SO2 (PA16)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: PA16
Parameter: SO2 (PPB) Sulfur Dioxide
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	295	454	352	120	77	31	437	907P	499	89	85	28	9995C	7	2	1	1	2	3C	9995C	29C	34	29	36	1	907	
02	41	57	92	164	140	135	180	255P	196	124	126	198	9995C	77	80	47	16	13	38	40	50	112	109	72	13	255	
03	24	39	48	69	66	62	109	110P	94	105	80	67	9995C	15	35C	51C	39	55	61	81	326	334	174	287	15	334	
04	279	131	159	145	75	89	203	117P	57	99	118	46	9995C	5	3	4	3	31	127	72	56	68	80	40	3	279	
05	35	13	33	45	42	32	15	47P	65	78	68	20	9995C	4	2	2	4	8	3	7	36	15	19	24	2	78	
06	63	49	51	107	215	180	103	91P	122	70	59	10	9995C	20	15	4	1	1	1	1	0	1	2	17	9980b	0	215
07	51	32	27	33	39	40	46	56P	57	149	87	14P	9995C	8	1	1	1	0	2	7	12	28	35	35	0	149	
08	26	20	27	28	32	30	28	30P	51	33	32	34	9995C	16	18	5	1	1	2	18	31	89	186	52	1	186	
09	46	100	28	28	10	27	89	245P	64	123	7	2	9995C	2	1	0	1	0	0	0	41	35	78	61	0	245	
10	119	109	30	23	25	8	6	14P	26	18	2	63	9995C	9	1C	1C	1	0	0	0	1	14	40	31	0	119	
11	31	42	35	35	47	52	73	103P	80	99	65	12	9995C	2	1	1	0	5	86	150	129	102	105	119	0	150	
12	38	94	47	31	8	16	27	52P	89	75	13	9	9995C	2	1	0	0	1	19	50	84	134	199	306	0	306	
13	52	3	2	41	64	40	47	29P	106	43	76	137	9995C	102	98	111	8	11	4	40	161	114	90	181	2	181	
14	124	88	130	148	130	70	50	55P	16	2	1	97	9995C	33	53	54	277	33	30	104	88	24	73	223	1	277	
15	149	101	115	150	164	134	108	82P	102	45	59	24	9995C	27	22	16	9	50	43	93	117	135	91	87	9	164	
16	72	55	31	30	202	281	195	71P	39	36	32	11	9995C	7	3	2	2	5P	23	63	105	91	53	23	2	281	
17	22	21	46	98	100	76	79	80P	189	81	10	13	9995C	8	7C	3C	10	60	21	21	32	54	54	54	3	189	
18	60	92	108	75	83	83	79	124P	183	130	25	8	9995C	19	27	30	24	49	54	32	40	171	87	137	8	183	
19	110	87	53	42	20	25	44	80P	84	86	82	70	9995C	54	48	26	32	54	82	59	90	67	57	9980b	20	110	
20	44	55	107P	84	56	66	65	70P	178	155	102	100	9995C	43	42	25	37	40	55	32	44	55	44	29	25	178	
21	22	31	37	38	44	61	190	206P	236	230	181	59	9995C	28	7	79	131	97	98	81	68	68	69	75	7	236	
22	68	72	71	37	54	48	28	53P	114	281	73	52	9995C	4	3	4	10	30	117	73	38	39	26	30	3	281	
23	40	56	57	48	58	61	154	203P	174	78	48	25	9995C	3	2	1	1	1	29	79	56	153	270	205	1	270	
24	146	96	25	37	58	68	67	106P	113	40	24	36	9995C	33	19C	28C	29	27	10	2	8	4	12	32	2	146	
25	60	52	69	65	81	83	94	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	52	94	
26	42	34	32	26	29	30	33	21P	30	23	58	9	9995C	2	2	6	17	19P	12	14	23	32	27	26	2	58	
27	28	25	33	23	23	25	26	22P	26	33	47	56	9995C	18	66	136	103	83	5	12	38	28	27	9980b	5	136	
28	18	25	46	22	22	17	12	16P	66	79	90	44	9995C	76	78	48	77	42	56	54	47	33			12	90	
29																											
30																											
31																											

Flags: Monthly: 64 Ave Min Max
 b = Bad Condition - Invalid Hour (9980)
 C = Calibration - Valid Hour
 c = Calibration - Invalid Hour (9995)
 P = Power Failure - Valid Hour

Monthly Matrix PM2.5 (PA16)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: PA16
Parameter: PM2.5 (ug/m3) Particulate Matter 2.5 ug/m3
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	11	10	17	20	11	10	6	29	64	29	9	44	17	10	10	6	2	3	17	3	3	27	32	31	2	64	
02	32	31	38	44	40	32	39	36	26	30	57	60	62	60	35	36	21	23	17	23	28	25	57	64	17	64	
03	51	21	21	26	26	19	13	25	28	38	39	35	32	21	11	13	24	16	31	23	36	21	21	22	11	51	
04	14	13	12	11	12	14	11	10	10	23	6	20	23	19	4	3	4	4	9	71	41	39	36	54	3	71	
05	22	17	7	19	25	23	24	13	30	40	54	41	13	12	8	6	4	3	6	6	7	31	15	20	3	54	
06	13	19	18	16	46	65	57	28	26	40	22	21	7	10	12	12	8	3	3	5	3	2	3	9980b	2	65	
07	30	35	26	23	23	26	26	19	31	20	71	34	7	8	7	4	3	2	1	6	10	10	8	10	1	71	
08	13	9	5	7	9	10	12	15	13	27	13	18	15	18	12	14	11	8	7	9	14	22	17	30	5	30	
09	13	12	13	11	17	9	11	17	81	29	43	7	6	6	7	6	5	4	5	4	5	19	20	23	4	81	
10	21	46	16	11	11	10	8	6	8	20	12	6	7	47	7	7	7	4	1	3	5	7	10	25	1	47	
11	30	17	24	20	10	11	12	17	21	22	46	29	4	1	1	6	8	8	5	32	33	25	26	26	1	46	
12	29	10	18	11	9	6	8	13	10	26	22	10	10	8	5	4	3	5	9	14	22	17	12	16	3	29	
13	17	-1	0	0	3	8	8	11	13	63	21	10	13	10	8	11	12	8	4	5	9	17	13	11	-1	63	
14	16	8	8	9	10	12	11	8	7	6	3	1	4	9	6	4	5	10	11	4	6	11	6	1	1	16	
15	18	22	34	19	19	21	17	10	11	9	17	17	8	12	15	13	10	11	22	11	19	17	15	14	8	34	
16	14	14	10	7	7	19	23	17	6	5	3	8	13	11	11	8	5	8	11	11	10	10	8	6	3	23	
17	7	3	1	2	6	7	10	14	18	21	10	8	7	18	9	7	6	7	26	8	12	14	12	10	1	26	
18	8	7	6	9	9	8	6	4	6	12	13	10	4	-1	2	7	12	12	23	21	11	14	24	10	-1	24	
19	13	12	11	9	7	6	4	6	10	17	18	16	16	23	18	18	16	14	14	28	20	32	18	9980b	4	32	
20	20	6	OP	16	17	7	6	4	7	17	16	14	24	23	17	22	12	17	17	13	16	10	12	14	0	24	
21	12	9	7	7	7	9	17	15	15	18	14	14	17	12	18	6	38	49	35	45	39	26	28	31	6	49	
22	32	31	27	18	9	12	14	13	15	14	21	9	21	3	3	4	5	4	10	43	21	14	18	1	1	43	
23	6	10	18	18	11	21	26	18	18	10	10	12	13	10	3	4	7	5	4	9	34	26	36	40	3	40	
24	38	29	27	23	24	20	23	17	18	19	11	8	10	11	12	10	8	10	10	5	0	3	5	5	0	38	
25	6	4	5	6	3	2	3	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	2	6	
26	7	3	4	3	5	6	6	7	7	5	0	3	5	3	3	3	6	8	7	6	2	3	7	8	0	8	
27	8	7	10	10	11	13	11	10	14	14	13	10	7	6	7	8	10	11	9	3	3	8	13	9980b	3	14	
28	9	10	10	7	7	11	12	12	11	9	23	8	9	9	6	3	4	6	6	11	14	13			3	23	
29																											
30																											
31																											

Flags:
b = Bad Condition - Invalid Hour (9980)
P = Power Failure - Valid Hour

Monthly: 15 Ave 81 -1 Min Max

Wind Direction (PA16)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: PA16
Parameter: WD (DEG) Wind Direction
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	332	329	321	323	326	326	328	330P	126	95	129	129	145	135	131	109	94	92	95	96	224	293	219	195
02	272	295	321	323	322	317	322	319P	238	189	185	189	217	215	187	161	117	94	202	193	161	215	285	324
03	324	301	289	281	293	308	279	262P	202	87	94	97	94	97	95	91	88	72	86	202	262	269	182	164
04	217	284	274	276	282	290	209	254P	279	114	131	102	103	100	101	102	93	209	227	257	279	128	153	109
05	90	185	149	70	198	294	177	192P	112	95	79	95	97	91	92	84	88	83	72	120	286	266	294	246
06	308	278	266	330	312	326	310	250P	79	91	88	85	87	94	96	95	93	87	82	90	75	152	205	9980b
07	156	181	293	248	291	304	314	314P	163	130	108	98P	90	96	85	115	214	140	115	243	301	307	308	333
08	295	311	313	319	310	288	316	124P	133	97	266	169	168	227	251	208	111	94	86	176	259	170	116	72
09	125	141	116	155	49	219	57	83P	199	92	88	82	79	73	87	91	73	64	131	248	187	267	141	59
10	256	163	119	102	199	142	118	74P	93	195	189	75	66	93	95	93	74	161	234	188	139	237	287	305
11	279	244	285	298	234	311	311	231P	113	78	89	99	109	95	67	76	147	266	239	248	233	202	125	181
12	133	188	107	104	138	52	100	208P	200	74	91	90	97	91	102	96	87	89	77	175	147	136	123	123
13	130	127	131	151	77	108	87	60P	61	84	88	82	83	74	71	69	62	78	92	99	186	129	81	86
14	89	257	254	241	302	315	304	246P	105	72	65	86	87	94	88	94	87	95	151	85	76	68	62	86
15	76	222	272	278	280	290	281	246P	182	122	112	110	105	112	108	103	99	143	187	94	179	243	247	204
16	213	287	242	296	258	160	195	175P	84	91	94	106	105	102	98	108	148P	213	130	246	257	296	240	261
17	294	273	276	287	279	243	266	267P	222	157	102	103	108	115	120	107	117	196	270	245	247	240	232	277
18	284	284	298	310	313	310	297	258P	126	211	120	114	102	116	109	136	225	251	232	270	206	285	297	298
19	297	272	276	295	287	325	333	303P	199	168	190	210	177	174	126	107	158	196	90	184	116	143	181	9980b
20	285	313	321P	322	324	327	325	270P	219	183	196	205	195	158	230	130	114	217	249	261	267	265	270	271
21	228	296	309	299	296	322	315	318P	162	181	168	125	113	118	143	135	112	190	266	248	238	260	268	292
22	308	231	272	290	312	325	319	322P	170	216	211	127	110	110	132	123	204	248	153	252	269	287	295	309
23	300	313	320	325	326	319	319	319P	115	137	132	136	136	111	128	139	93	103	102	245	313	318	325	266
24	183	296	313	311	310	318	319	315P	238	135	92	101	108	108	116	119	174	236	88	206	280	200	271	232
25	282	263	288	285	309	302	281	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
26	316	323	304	333	327	318	297	245P	156	168	170	192	176	166	185	203	254	260P	224	319	327	253	321	290
27	322	325	305	286	252	318	317	237P	226	195	182	217	208	214	232	226	206	191	134	268	213	294	288	9980b
28	313	258	274	260	326	319	287	230P	233	234	224	173	83	99	79	96	90	204	273	244	283	280		
29																								
30																								
31																								

Flags:
b = Bad Condition - Invalid Hour (9980)
P = Power Failure - Valid Hour

Monthly Ave: 195

Wind Speed (PA16)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: PA16
Parameter: WS (MPH) Wind Speed
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max
01	5.9	5.3	5.4	5.9	6.1	6.5	6.9	5.9P	4.1	3.6	5.5	6.2	7.4	6.8	8.8	6.3	4.1	3.3	5.7	2.9	1.6	2.4	2.3	1.1	1.1	8.8
02	2.2	3.0	3.9	4.8	4.2	4.2	4.6	4.7P	1.5	3.3	4.3	6.4	6.8	5.9	3.9	4.5	6.1	4.2	2.1	1.7	1.9	1.3	2.2	3.6	1.3	6.8
03	3.7	3.2	3.1	2.9	2.5	3.8	3.3	3.7P	2.3	3.8	7.3	9.9	9.7	7.5	8.1	6.6	4.6	3.4	3.3	2.1	2.3	3.0	3.8	2.8	2.1	9.9
04	2.1	2.2	2.1	2.0	3.2	3.6	3.8	2.4P	1.5	1.5	3.9	8.9	9.2	8.7	6.6	4.8	5.4	3.2	2.8	1.7	1.8	2.1	2.8	2.4	1.5	9.2
05	1.8	1.7	3.1	3.0	2.7	3.0	2.7	2.5P	2.7	4.2	4.1	7.0	6.4	6.1	5.3	4.9	4.5	3.6	2.9	2.9	2.8	3.3	4.8	4.5	1.7	7.0
06	5.2	3.9	5.2	6.1	4.1	4.6	3.6	4.3P	2.9	4.9	5.2	5.1	5.7	4.4	5.3	5.8	4.5	3.8	2.8	3.8	3.2	3.4	3.5	9980b	2.8	6.1
07	4.1	3.0	2.8	2.7	2.7	2.5	3.8	3.7P	1.9	3.2	4.4	6.2P	6.8	8.5	3.8	2.1	2.1	1.9	2.8	3.5	3.5	3.4	3.9	5.3	1.9	8.5
08	3.7	3.6	3.9	4.1	4.9	3.6	4.2	3.7P	4.7	3.5	4.8	3.8	3.1	2.9	2.5	1.7	4.0	2.8	2.8	4.0	3.9	4.5	4.5	4.1	1.7	4.9
09	4.3	4.1	4.3	5.0	5.3	4.9	2.9	2.7P	3.9	3.6	4.7	4.9	4.2	4.4	3.5	5.4	4.4	2.9	4.2	5.5	3.7	4.6	4.2	4.2	2.7	5.5
10	5.7	3.7	2.2	4.7	5.4	3.7	4.6	3.7P	4.1	7.2	5.1	3.9	3.8	4.5	4.4	3.9	2.7	2.7	4.0	3.9	3.1	3.8	4.4	2.9	2.2	7.2
11	3.1	3.4	3.6	3.6	3.6	3.3	4.6	4.5P	2.5	3.4	5.0	7.5	6.5	4.8	3.6	3.7	5.5	6.4	6.8	4.8	4.3	4.4	4.3	5.1	2.5	7.5
12	3.8	5.4	4.6	5.1	4.0	2.9	3.7	4.2P	5.9	4.2	6.7	6.8	7.3	7.1	6.1	5.3	5.3	5.4	4.6	6.2	2.9	5.1	4.1	5.4	2.9	7.3
13	6.1	5.2	4.5	4.2	4.4	3.8	3.4	6.0P	5.0	6.3	8.1	9.6	8.3	8.8	8.7	9.1	9.6	6.2	3.8	4.7	6.3	4.0	5.9	4.5	3.4	9.6
14	4.9	3.1	3.0	4.1	4.6	5.3	5.4	3.5P	5.1	8.8	9.4	9.2	8.5	11.3	9.0	9.5	8.0	8.7	4.5	4.4	3.9	4.5	5.0	4.9	3.0	11.3
15	4.1	3.2	5.0	4.1	4.3	3.7	4.1	3.1P	3.2	9.1	12.3	13.9	14.6	15.1	15.5	14.9	11.3	5.8	3.0	3.3	3.6	3.6	3.1	4.6	3.0	15.5
16	5.1	5.8	4.0	4.0	5.4	5.3	4.2	6.1P	4.7	7.7	7.8	11.3	7.6	7.5	7.1	5.6	5.2P	4.5	3.2	3.9	4.1	3.7	6.1	4.4	3.2	11.3
17	4.9	4.4	3.4	4.1	3.8	2.8	3.9	3.2P	2.5	4.3	9.3	12.1	10.2	10.6	9.3	7.4	7.2	4.1	4.6	3.5	3.1	4.9	3.4	4.0	2.5	12.1
18	3.7	4.1	5.1	4.7	4.3	4.8	4.4	3.5P	2.2	2.7	7.6	10.1	10.9	14.0	12.5	7.0	6.5	7.2	4.4	6.0	3.8	3.6	4.1	4.0	2.2	14.0
19	3.9	4.0	4.1	3.6	3.6	5.6	6.3	3.4P	2.6	4.0	5.0	5.9	3.9	5.6	7.8	8.3	4.5	3.8	4.2	2.4	3.1	1.6	3.6	9980b	1.6	8.3
20	3.5	3.1	3.7P	3.8	4.6	5.2	5.4	2.2P	1.9	5.2	5.3	5.6	5.1	4.5	3.7	5.6	3.6	3.0	4.3	4.6	2.0	2.9	2.4	1.9	1.9	5.6
21	2.6	2.8	2.8	2.4	2.8	4.3	4.2	3.1P	1.3	3.7	5.1	7.5	9.1	9.9	7.8	6.9	7.4	4.3	4.0	4.4	3.5	3.4	3.2	2.7	1.3	9.9
22	2.5	2.9	2.3	2.7	3.7	5.8	4.4	3.8P	2.4	2.7	4.0	7.3	10.2	9.8	6.3	6.3	5.2	3.8	3.6	1.8	2.7	2.6	3.1	2.9	1.8	10.2
23	2.6	3.4	4.7	4.9	5.8	5.7	5.3	4.4P	2.5	3.7	6.3	5.9	7.0	4.1	4.1	3.7	2.5	4.9	3.5	1.6	2.8	3.3	3.9	3.9	1.6	7.0
24	3.9	3.9	3.8	3.9	3.8	3.3	4.4	3.2P	2.3	3.2	5.5	8.7	9.7	8.8	7.4	7.6	3.6	4.6	4.8	3.3	4.0	3.7	3.2	2.1	2.1	9.7
25	3.7	3.7	3.4	3.0	3.2	3.7	3.7	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	3.0	3.7
26	3.9	4.3	4.2	5.2	5.1	4.5	4.6	3.9P	2.6	2.7	5.3	7.2	7.0	6.8	4.3	4.9	4.5	4.5P	2.7	3.7	5.1	5.0	5.0	5.2	2.6	7.2
27	5.2	5.8	4.3	4.3	5.1	5.3	4.5	3.7P	1.6	3.6	5.8	7.7	7.6	8.5	9.4	9.2	5.8	5.3	5.8	5.3	2.8	4.1	4.8	9980b	1.6	9.4
28	5.1	4.6	4.4	3.9	5.5	6.0	5.6	3.8P	3.4	5.7	5.0	8.8	10.2	14.0	8.4	10.0	9.7	5.4	6.7	2.9	3.7	3.7	3.7	2.9	2.9	14.0
29																										
30																										
31																										

Flags:
b = Bad Condition - Invalid Hour (9980)
P = Power Failure - Valid Hour

Monthly: 4.8 Ave 1.1 Min 15.5 Max

Monthly Matrix SO2 (MV17)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: MV17
Parameter: SO2 (PPB) Sulfur Dioxide
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	-1	0	0	0	0	0	1	4P	7	9995C	121C	12	4	9	6	1	0	0	0	0	0	0	-1	-1	-1	121	
02	0	0	0	0	0	0	0	0P	0	9995C	6C	4	2	2C	9995C	9995C	2	0	1	0	0	0	0	0	0	0	6
03	0	0	-1	-1	-1	-1	-1	-1P	-1	9995C	5C	9995C	1C	0	0	0	0	0	-1	0	-1	-1	9980b	9980b	-1	5	
04	-1	-1	-1	-1	-1	-1	-1	-1P	0	9995C	3C	1	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	3	
05	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	3C	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	3	
06	-1	0	0	1	0	0	0	0P	0	9995C	1C	0	0	0	0	-1	0	0	0	0	-1	-1	-1	-1	-1	1	
07	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	1C	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	9980b	-1	1	
08	-1	-1	-1	-1	-1	0	0	0P	-1	9995C	4C	1	0	1	1	0	0	0	0	0	-1	-1	-1	-1	-1	4	
09	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	0C	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	
10	-1	-1	-1	-1	-1	-1	0	-1P	0	9995C	1C	9995C	0C	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	1	
11	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	1C	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	
12	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	1C	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	
13	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	1C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14	0	0	0	0	0	0	0	0P	0	9995C	1C	0	0	0	0	0	0	0	0	-1	0	-1	0	0	-1	1	
15	-1	-1	0	0	-1	-1	-1	-1P	0	9995C	2C	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	2
16	0	0	0	0	0	0	-1	-1P	-1	9995C	2C	1	0	0	1	0	0	0	0	0	-1	-1	-1	-1	-1	2	
17	-1	-1	-1	-1	-1	-1	-1	-1P	0	9995C	3C	9995C	0C	1	1	1	0	0	0	0	0	-1	-1	0	-1	3	
18	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	1C	0	0	0	-1	0	0	0	-1	0	-1	-1	-1	-1	-1	1	
19	-1	-1	-1	-1	-1	-1	-1	0P	0	9995C	4C	1	0	0	0	0	0	-1	-1	-1	0	0	0	0	-1	4	
20	0	0	-1	-1	-1	-1	-1	-1P	0	9995C	1C	0	1	1	1	0	0	0	0	0	0	0	0	-1	-1	1	
21	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	1C	0	0	0	0	0	0	1	1	0	0	0	0	0	-1	1	
22	0	0	-1	-1	-1	-1	-1	-1P	-1	9995C	1C	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	1	
23	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	2C	2	4	2	1	1	1	0	0	0	0	0	0	0	-1	4	
24	0	0	0	0	0	-1	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	-1	0	
25	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	0	
26	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	1C	0	0	0	0	0	0	0	-1	0	-1	-1	-1	-1	-1	1	
27	-1	-1	-1	-1	-1	-1	-1	-1P	0	9995C	1C	0	0	0	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1	
28	-1	-1	-1	-1	-1	-1	-1	-1P	-1	9995C	1C	0	0	0	0	0	0	0	-1	0	0	0	0	0	-1	1	
29																											
30																											
31																											

Flags:

- b = Bad Condition - Invalid Hour (9980)
- C = Calibration - Valid Hour
- c = Calibration - Invalid Hour (9995)
- P = Power Failure - Valid Hour

Monthly: 0 Ave -1 Min 121 Max

Monthly Matrix PM2.5 (MV17)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: MV17
Parameter: PM2.5 (ug/m3) Particulate Matter 2.5 ug/m3
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	12	8	11	13	10	7	6	7	10	12	32	81	10	12	14	14	11	9	10	11	10	10	9	6	6	81	
02	9	13	14	12	8	10	13	10	9	8	7	11	10	6	8	8	6	6	5	6	6	7	6	7	5	14	
03	9	7	6	6	6	6	7	6	6	5	6	8	6	6	8	5	4	6	6	10	13	9	9980b	9980b	4	13	
04	10	11	8	6	9	8	6	9	10	9	8	11	12	10	9	7	6	7	9	8	7	6	7	7	6	12	
05	5	7	10	9	7	6	6	7	7	8	11	11	9	5	8	11	9	7	9	10	9	10	10	8	5	11	
06	10	12	10	11	11	9	10	9	9	8	7	8	10	8	6	8	11	11	9	9	11	9	7	8	6	12	
07	7	8	7	7	8	8	7	6	6	5	7	10	8	8	10	6	6	8	7	4	6	7	8	9980b	4	10	
08	10	9	6	4	3	3	4	5	4	3	5	10	10	6	7	7	10	12	10	11	10	9	10	7	3	12	
09	8	10	9	10	10	9	8	8	9	11	17	10	10	10	11	13	13	12	13	12	11	9	7	7	7	17	
10	6	6	9	11	10	7	10	10	8	9	10	10	11	9	10	11	8	10	11	11	11	8	7	9	6	11	
11	7	5	4	6	8	8	6	5	6	5	6	9	10	9	9	9	6	6	9	8	8	9	7	8	4	10	
12	9	10	9	9	10	7	8	8	5	6	9	11	13	11	10	11	11	12	12	8	8	10	8	11	5	13	
13	11	13	13	9	5	4	8	8	7	6	11	14	11	10	10	10	9	10	11	9	10	8	6	8	4	14	
14	10	12	10	7	9	10	9	10	11	10	17	13	12	10	9	9	9	10	9	6	10	12	10	9	6	17	
15	9	10	8	10	11	10	7	8	11	10	12	15	13	13	11	10	12	12	11	11	11	10	9	11	7	15	
16	10	17	10	9	10	10	7	8	10	13	15	13	12	13	12	10	10	8	8	7	7	10	7	8	4	10	
17	9	9	10	9	11	10	11	13	12	12	13	12	10	11	13	14	13	11	10	10	12	11	10	10	9	14	
18	9	9	7	7	8	4	5	9	11	9	7	7	8	10	10	9	10	13	13	10	9	10	10	9980b	4	13	
19	10	10	9	7	8	9	6	6	6	9	9	7	10	10	10	10	7	8	10	8	6	5	8	9	5	10	
20	9	9	10	28	10	11	13	11	9	11	13	13	12	12	10	10	10	10	9	10	11	9	8	8	8	28	
21	9	7	4	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	4	10	
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	15	12	19	14	12	11	11	11	10	19	
24	12	7	4	7	7	7	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	4	12	
25	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	
26	6	5	4	6	9	6	6	8	10	10	7	8	8	6	7	8	7	7	9	11	9	6	7	7	4	11	
27	6	6	7	6	5	6	6	6	6	6	8	6	4	6	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	4	8	
28	9	10	11	8	9	10	9	8	7	8	9	8	7	6	9	12	12	11	10	11	13	11	10	6	6	13	
29																											
30																											
31																											

Flags:
b = Bad Condition - Invalid Hour (9980)

Monthly: 9 Ave 3 81 Min Max

Wind Direction (MV17)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: MV17
 Parameter: WD (DEG) Wind Direction
 Month/Year: Feb 2009

Day	HOUR BEGINNING (Local Standard Time)																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	245	252	249	254	253	247	253	196	92	74	70	80	90	63	83	91	73	248	295	268	249	197	260	260
02	269	259	275	277	265	251	260	237P	259	189	110	102	83	100	82	91	94	84	59	96	142	166	250	249
03	197	233	119	251	229	175	129	106P	63	78	78	75	72	66	69	71	72	150	131	202	208	189	9980b	9980b
04	116	266	229	298	280	211	267	247P	256	282	176	98	105	113	72	95	165	236	289	275	275	264	289	231
05	293	261	161	177	250	231	280	257P	265	91	85	75	83	93	93	88	95	139	229	232	235	242	253	261
06	257	260	255	259	250	273	264	261P	174	199	142	116	88	81	73	81	86	86	90	112	159	222	248	273
07	287	267	268	256	261	265	256	255P	211	96	81	75	79	77	79	69	75	72	100	146	280	282	279	9980b
08	277	248	281	251	249	276	258	249P	293	236	250	217	197	94	81	67	66	142	194	252	265	265	280	261
09	243	254	248	269	251	246	260	259P	223	193	169	120	105	157	119	115	131	137	209	251	251	273	242	257
10	261	228	243	137	212	146	202	233P	291	251	146	168	101	129	231	210	156	124	177	163	146	128	194	188
11	233	246	238	245	258	192	245	254P	189	188	190	156	97	88	129	158	205	273	254	215	270	274	271	262
12	245	231	104	113	193	234	245	251P	242	119	94	84	92	87	85	80	84	71	69	87	107	210	233	280
13	237	228	267	241	206	208	91	111P	156	128	61	64	68	60	69	134	72	111	221	185	265	216	232	273
14	260	306	282	264	236	276	271	267P	255	160	172	200	140	97	92	68	226	215	243	238	157	150	231	301
15	298	284	284	268	263	272	258	268P	250	178	87	66	87	66	97	73	122	274	259	275	281	281	285	278
16	224	210	183	276	271	279	262	267P	257	113	65	86	73	88	92	70	69	87	267	266	270	261	243	273
17	276	275	269	292	299	297	285	282P	200	124	159	93	97	99	81	124	60	170	273	271	271	246	267	263
18	276	272	266	274	256	272	278	267P	218	152	213	153	84	62	70	93	76	79	202	251	273	256	265	9980b
19	245	253	252	271	270	267	272	246P	130	226	256	148	201	119	96	105	84	189	228	284	271	262	279	268
20	279	267	266	273	252	257	276	269P	204	179	112	110	110	105	87	146	195	242	264	235	277	238	276	277
21	271	280	280	269	275	272	277	273P	264	271	202	153	96	131	68	153	131	112	73	212	275	264	271	205
22	256	222	140	267	258	243	280	277P	269	281	170	82	87	76	60	80	112	256	264	271	262	269	259	264
23	263	250	261	264	265	256	256	252P	213	130	89	89	68	78	65	64	68	121	276	263	266	274	266	248
24	247	257	268	260	267	279	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
25	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
26	248	266	210	263	259	258	271	271P	271	162	139	82	100	125	132	133	150	157	219	251	263	255	268	273
27	195	188	273	260	270	269	267	253P	181	175	189	143	149	178	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
28	266	275	269	270	256	262	267	261P	229	220	173	169	76	89	170	193	109	94	154	260	268	263	259	
29																								
30																								
31																								

Flags:
 b = Bad Condition - Invalid Hour (9980)
 P = Power Failure - Valid Hour

Monthly Ave: 197

Wind Speed (MV17)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: MV17
Parameter: WS (MPH) Wind Speed
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	3.7	5.6	5.4	5.5	6.0	6.0	5.9	5.7P	2.7	3.1	4.1	4.7	4.9	4.3	4.7	3.6	3.4	2.6	1.5	1.0	1.6	1.7	2.0	2.6	1.0	6.0	
02	2.4	3.4	2.8	3.2	3.4	1.7	1.5	1.5P	1.8	3.0	5.6	6.1	6.8	7.3	6.0	5.9	5.3	3.1	3.8	3.6	2.9	2.4	1.6	2.5	1.5	7.3	
03	2.7	2.6	3.6	3.5	2.3	4.4	3.9	4.7P	6.6	6.0	6.4	7.0	6.5	6.2	6.1	5.9	4.7	3.7	4.3	3.5	2.5	1.5	9980b	9980b	1.5	7.0	
04	2.4	2.1	1.2	2.1	2.1	1.9	1.7	2.0P	1.7	2.1	2.4	3.4	4.3	5.0	3.8	2.8	2.4	2.2	2.0	1.9	1.5	2.3	2.4	1.8	1.2	5.0	
05	1.8	2.0	2.4	1.6	1.9	2.5	2.2	2.2P	1.8	3.5	3.5	2.9	3.5	5.6	5.6	4.4	3.8	2.3	1.0	1.8	2.4	2.3	3.1	3.2	1.0	5.6	
06	2.8	4.2	3.7	3.2	2.0	3.1	3.6	3.4P	2.7	2.4	3.5	3.3	2.5	3.7	4.2	5.7	5.2	4.2	2.8	3.2	1.5	2.0	1.9	3.1	1.5	5.7	
07	3.2	4.0	3.6	2.5	3.2	2.1	2.7	2.7P	1.6	2.2	2.4	4.1	5.0	4.7	5.8	5.0	4.1	3.4	2.0	2.3	1.2	1.4	1.5	9980b	1.2	5.8	
08	1.7	1.5	1.5	0.6	1.3	2.8	2.1	2.1P	2.5	2.8	2.4	3.1	2.7	4.3	4.5	4.5	2.9	1.4	1.6	2.2	2.4	4.3	4.1	4.1	0.6	4.5	
09	2.9	3.5	2.0	3.3	4.1	3.3	3.7	3.6P	2.9	3.2	2.5	3.2	4.0	3.5	7.7	7.9	5.8	3.4	4.2	4.2	3.3	3.6	3.4	3.3	2.0	7.9	
10	3.2	2.8	2.6	1.9	2.3	2.6	2.2	2.7P	2.5	2.6	1.9	1.1	2.0	2.7	2.3	2.6	2.3	3.8	1.1	1.1	1.4	2.3	1.2	1.3	1.1	3.8	
11	2.1	2.3	1.5	3.0	2.1	2.4	4.2	3.6P	1.3	2.2	1.8	2.8	4.9	5.6	4.2	4.4	2.3	3.9	4.2	3.5	3.7	3.5	4.0	3.5	1.3	5.6	
12	1.7	2.0	4.1	5.6	1.8	4.1	4.5	4.4P	2.1	3.8	3.5	4.4	6.5	6.3	6.1	6.0	5.8	4.4	4.4	2.8	2.4	2.2	2.1	1.9	1.7	6.5	
13	1.7	2.2	2.8	3.5	2.9	4.0	3.3	2.9P	2.1	3.6	5.7	6.2	6.1	6.2	5.9	3.8	4.2	4.1	3.2	3.3	2.1	2.2	2.2	2.0	1.7	6.2	
14	1.9	2.0	2.0	1.4	1.5	2.0	1.8	1.8P	2.4	3.6	4.8	5.0	6.0	5.5	5.4	5.1	4.3	3.1	2.1	2.5	2.9	3.1	2.3	2.2	1.4	6.0	
15	1.9	1.8	1.7	2.1	2.1	1.9	1.6	1.8P	2.4	4.3	5.3	6.0	6.2	6.0	5.2	5.0	3.0	2.4	2.5	2.0	2.2	2.3	2.1	2.4	1.6	6.2	
16	2.2	2.2	2.8	3.1	1.5	1.9	2.0	2.0P	1.7	3.0	4.0	3.0	4.5	4.1	5.1	5.4	4.3	2.9	1.9	1.3	2.1	2.8	2.4	3.4	1.3	5.4	
17	3.1	3.1	1.4	1.5	1.9	1.8	1.9	1.8P	2.6	4.3	5.1	5.9	5.2	5.7	5.5	5.1	5.1	3.6	2.8	2.7	2.0	1.9	1.6	2.0	1.4	5.9	
18	3.3	2.5	4.1	2.4	2.2	2.4	2.5	2.4P	3.8	4.8	4.9	6.2	6.4	7.5	6.4	6.4	6.1	4.4	2.1	1.1	1.2	1.6	2.2	9980b	1.1	7.5	
19	3.3	3.4	2.9	2.4	2.8	2.0	2.0	2.2P	5.0	4.0	3.9	6.3	4.5	5.6	5.5	5.5	4.5	3.2	2.5	2.6	2.7	2.2	1.8	1.8	1.8	6.3	
20	2.5	2.7	2.7	2.3	1.7	2.9	2.4	2.1P	4.3	4.7	5.7	4.9	5.0	5.6	5.2	5.6	3.4	3.3	1.5	2.1	2.9	2.3	3.0	3.7	1.5	5.7	
21	3.3	3.4	3.1	2.8	3.2	2.7	3.9	3.1P	2.4	3.3	3.8	4.3	5.1	5.6	2.8	3.1	2.4	3.5	2.4	0.9	1.7	1.7	1.5	1.6	0.9	5.6	
22	2.3	2.3	2.2	3.7	2.0	2.1	3.5	3.4P	3.4	2.9	3.5	4.9	6.1	4.7	4.7	3.0	4.1	3.0	1.5	2.0	2.2	2.8	1.8	1.9	1.5	6.1	
23	2.1	2.4	2.7	2.5	3.9	5.3	5.0	4.7P	2.3	2.0	2.8	3.9	4.6	4.2	3.4	3.1	2.6	2.0	1.4	2.2	2.6	2.5	3.4	2.1	1.4	5.3	
24	1.6	2.0	3.4	3.1	1.8	1.4	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1.4	3.4	
25	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
26	3.0	2.5	2.1	2.0	2.1	2.8	2.6	2.7P	2.8	6.8	7.5	7.8	8.3	8.5	9.1	7.4	6.1	5.6	3.6	3.9	3.4	3.3	2.7	2.3	2.0	9.1	
27	3.3	3.1	3.0	1.8	3.7	2.6	2.2	2.4P	4.7	4.7	7.5	8.2	7.1	7.3	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	1.8	8.2	
28	3.4	2.9	2.3	2.4	3.1	2.4	3.6	3.4P	5.6	5.4	6.4	5.8	7.8	7.3	4.8	5.4	5.0	4.4	3.5	2.7	2.2	2.2	2.8	2.2	2.2	7.8	
29																											
30																											
31																											

Flags:
b = Bad Condition - Invalid Hour (9980)
P = Power Failure - Valid Hour

Monthly: 3.4 Ave 0.6 Min 9.1 Max

Monthly Matrix SO2 (PE10)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: PE10
 Parameter: SO2 (PPB) Sulfur Dioxide
 Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	2	2	2	2	2	2	2	2	9995C	4	4	3	2	2	2	2	9995C	9995C	3	2	2	2	2	2	2	2	4
02	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
03	2	2	2	2	2	2	2	2	9995C	2C	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
04	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
05	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
06	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
07	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
08	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
09	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	9995C	2C	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	3	2	2	2	2	2	2	9995C	2C	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	3	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	9995C	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	9995C	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	3	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
24	2	3	2	2	2	2	2	2	9995C	3C	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	2	2
26	2	3	2	2	2	2	2	2	9995C	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	3	2	2	2	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	3	2	2	2	9995C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29																											
30																											
31																											

Flags: Monthly: 2 Ave 2 Min 2 Max 4
 b = Bad Condition - Invalid Hour (9980)
 C = Calibration - Valid Hour
 c = Calibration - Invalid Hour (9995)

Wind Direction (PE10)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: PE10
Parameter: WD (DEG) Wind Direction
Month/Year: Feb 2009

Day	HOUR BEGINNING (Local Standard Time)																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	314	314	317	301	311	321	306	314	346	359	39	40	8	17	24	22	38	10	357	4	37	90	87	19
02	358	320	324	322	320	326	331	349	336	338	348	353	356	2	6	349	359	11	339	340	345	335	335	355
03	16	359	347	351	354	2	5	24	38	36	36	29	40	39	36	41	24	19	24	18	4	359	10	3
04	350	351	341	1	341	326	329	333	309	328	354	24	50	34	59	62	47	53	24	42	39	63	82	77
05	85	69	69	65	66	49	38	37	14	65	72	83	94	96	92	96	101	97	101	102	106	292	284	301
06	294	319	319	316	283	310	331	346	3	105	106	106	96	69	94	104	104	96	88	319	280	322	316	61
07	330	348	301	333	345	340	317	326	335	328	83	98	92	84	91	72	66	56	8	360	342	339	359	6
08	359	353	340	37	66	39	19	350	346	25	62	69	72	75	40	61	68	63	2	319	316	314	104	46
09	131	103	178	158	290	348	101	12	118	119	116	122	116	114	120	154	138	117	106	173	82	100	107	104
10	105	104	122	119	122	22	319	288	300	97	105	111	107	104	103	108	114	113	106	97	99	97	99	74
11	75	91	356	262	213	300	311	307	356	38	90	83	92	158	75	78	101	90	73	91	101	100	107	105
12	112	114	97	91	271	291	318	294	325	110	80	108	104	96	93	88	80	68	75	63	28	57	25	5
13	360	45	72	59	64	79	85	80	64	63	64	54	64	45	40	38	28	31	8	348	36	42	41	35
14	18	20	0	13	35	38	38	42	23	9	11	12	5	19	22	356	21	7	43	48	58	45	34	23
15	17	14	16	27	31	357	13	44	36	44	38	13	20	21	16	349	328	7	45	41	43	40	37	18
16	345	350	337	316	320	322	322	321	325	344	68	81	33	20	23	15	13	19	8	354	342	332	332	331
17	325	333	331	338	7	9	18	354	3	16	7	0	9	1	3	3	359	334	327	337	342	329	324	332
18	339	321	315	317	332	328	317	322	330	344	22	13	19	19	10	16	12	6	5	335	328	323	333	99800b
19	328	322	315	319	316	322	330	5	359	333	332	342	345	12	13	6	358	351	346	16	30	344	359	325
20	317	319	326	331	330	331	330	331	329	337	8	17	9	17	16	355	344	343	319	323	315	316	314	317
21	313	328	322	322	320	321	320	321	326	332	350	6	10	2	10	3	2	8	337	328	332	320	323	320
22	316	322	311	310	310	317	317	315	322	325	345	341	337	28	15	20	17	9	338	321	309	314	313	306
23	306	277	289	305	310	314	315	305	314	345	20	53	66	37	33	14	10	4	336	322	320	309	313	322
24	313	304	309	307	314	317	319	324	333	341	38	41	34	33	17	21	11	13	4	2	4	0	332	322
25	323	330	326	326	337	348	331	99800b	99800b	99800b	99800b	99800b	99800b	99800b	99800b	99800b	99800b	99800b	99800b	99800b	99800b	99800b	99800b	99800b
26	326	327	329	328	333	333	334	327	335	2	356	356	5	352	355	354	7	3	3	8	4	7	9	7
27	347	324	322	333	323	332	350	11	18	17	350	1	13	10	7	3	4	7	7	13	3	352	332	99800b
28	332	352	335	332	338	356	0	9	4	357	26	38	23	19	25	22	20	18	16	17	19	15	19	
29																								
30																								
31																								

Flags:
b = Bad Condition - Invalid Hour (9980)

Monthly Ave: 172

Wind Speed (PE10)

PRELIMINARY DATA ONLY
SUBJECT TO CHANGE

Station/Facility: PE10
Parameter: WS (MPH) Wind Speed
Month/Year: Feb 2009

HOUR BEGINNING (Local Standard Time)

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Min	Max	
01	3.7	3.4	3.4	3.2	3.6	2.3	2.5	2.1	2.0	3.2	4.1	4.8	5.1	5.3	5.3	4.5	4.2	3.5	3.1	1.4	2.2	1.1	0.9	1.1	0.9	5.3	
02	2.1	2.1	2.7	4.6	5.1	4.3	3.5	3.3	4.0	5.3	5.6	6.6	6.3	6.3	4.4	4.4	4.3	4.0	3.9	4.0	3.3	4.5	4.6	3.7	2.1	6.6	
03	4.5	4.4	4.6	3.4	3.8	4.4	4.0	5.2	5.3	5.9	6.9	6.5	6.3	7.1	5.4	5.3	4.2	3.4	3.6	3.5	2.1	1.6	2.7	2.4	1.6	7.1	
04	2.6	3.2	1.5	1.1	2.1	2.7	3.2	4.3	4.4	4.8	3.6	4.2	5.2	4.5	3.8	3.9	4.6	3.4	3.0	2.9	2.7	2.4	2.8	2.7	1.1	5.2	
05	3.0	3.2	2.7	2.4	3.3	3.2	3.2	3.2	2.1	3.3	4.2	4.9	4.5	4.2	4.3	3.5	3.5	1.8	0.5	1.7	2.1	0.5	0.4	0.5	0.4	4.9	
06	1.0	0.9	1.0	1.0	0.7	1.3	1.1	1.5	1.4	2.4	4.5	4.9	3.9	4.0	4.9	5.5	4.4	3.0	2.4	1.0	0.5	0.9	1.7	1.3	0.5	5.5	
07	1.5	1.2	1.0	1.0	1.8	1.5	1.2	1.1	2.1	2.1	2.2	3.3	3.8	3.3	3.5	3.3	3.3	1.7	0.9	1.3	1.8	2.2	1.5	2.2	0.9	3.8	
08	2.8	2.1	2.5	2.0	1.5	1.4	0.7	0.6	0.8	1.6	3.3	3.0	3.1	3.6	3.7	3.2	2.6	1.1	0.5	0.3	0.7	0.4	0.6	0.3	0.3	3.7	
09	0.6	2.6	0.7	0.6	0.3	0.6	0.6	0.4	0.8	2.8	3.4	3.4	4.7	5.2	3.8	1.6	1.0	0.9	0.6	0.6	0.5	1.9	1.5	2.0	0.3	5.2	
10	3.0	2.0	3.4	1.9	2.3	0.6	0.5	0.3	0.4	1.9	4.4	4.5	4.6	5.1	3.7	4.1	4.1	2.6	2.2	2.0	1.8	1.6	1.6	0.7	0.3	5.1	
11	0.8	0.7	0.3	0.3	1.0	0.3	0.4	0.4	0.4	1.0	1.8	2.4	3.3	2.0	0.5	1.0	1.0	0.6	0.6	0.9	0.9	2.0	2.7	3.3	0.3	3.3	
12	2.3	3.1	2.8	1.0	0.5	0.4	0.3	0.3	0.4	3.5	1.9	4.3	4.3	4.5	4.1	3.8	3.9	3.2	2.2	2.6	2.8	2.0	1.9	1.5	0.3	4.5	
13	1.9	3.2	1.9	1.8	2.9	2.6	3.3	2.8	3.7	4.6	5.7	6.3	6.2	5.5	5.4	4.5	4.5	3.5	1.9	1.5	2.7	3.4	3.1	3.1	1.5	6.3	
14	3.4	2.9	1.6	1.4	3.3	3.1	3.5	4.1	3.9	4.8	5.7	6.0	5.7	6.2	6.4	6.2	5.3	3.9	4.3	3.8	3.7	4.4	4.7	4.4	1.4	6.4	
15	3.6	3.2	4.1	3.8	3.9	2.5	4.1	4.4	4.7	6.7	6.8	5.4	5.8	5.8	4.8	3.6	4.5	2.8	3.0	3.6	4.6	3.6	3.0	2.6	2.5	6.8	
16	3.0	2.7	3.8	3.4	3.7	3.4	3.3	3.0	2.6	1.6	1.9	2.2	3.6	4.3	4.6	4.8	4.1	2.8	1.7	1.0	0.5	1.2	1.9	2.7	0.5	4.8	
17	2.5	2.6	1.3	0.8	1.4	1.6	1.1	0.7	2.3	4.7	5.1	5.3	5.9	5.9	5.2	4.1	3.7	6.1	6.5	4.0	3.4	3.9	4.6	4.0	0.7	6.5	
18	3.5	3.7	4.9	4.8	4.4	6.3	6.2	6.8	6.6	5.9	6.9	6.9	6.3	6.8	7.4	7.4	6.6	5.4	4.2	4.0	3.2	4.3	5.6	9980b	3.2	7.4	
19	2.9	3.7	4.3	4.8	5.4	5.8	5.9	4.8	5.9	6.3	8.3	7.4	5.6	4.8	5.8	5.5	4.5	3.5	3.2	3.9	3.2	2.9	3.1	2.9	2.9	8.3	
20	4.2	4.9	4.8	4.7	6.2	5.6	5.6	5.8	5.8	5.8	5.7	5.1	5.0	4.4	4.2	2.7	4.0	4.3	3.9	3.4	5.3	4.8	4.5	4.8	2.7	6.2	
21	5.1	4.6	4.8	4.8	6.0	6.6	6.3	6.1	7.0	6.4	5.7	5.8	6.1	6.9	5.9	5.1	4.1	4.2	5.1	5.6	3.9	4.0	4.2	4.7	3.9	7.0	
22	4.3	4.6	5.1	4.6	4.6	5.4	4.7	4.7	4.5	4.8	3.4	3.9	4.9	5.2	5.6	4.9	4.7	4.2	3.1	2.8	4.1	3.0	2.9	1.9	1.9	5.6	
23	1.5	0.4	0.6	1.0	1.7	2.0	2.5	2.1	3.3	4.2	4.0	4.3	4.4	4.1	4.5	4.5	3.7	3.3	2.7	3.6	3.9	3.8	3.6	3.7	0.4	4.5	
24	3.6	3.6	3.5	4.1	4.1	3.7	3.5	2.9	2.8	3.8	4.6	4.6	5.3	6.5	6.2	5.5	5.5	5.1	3.8	3.8	3.8	3.8	5.0	5.3	2.8	6.5	
25	4.7	4.0	3.3	4.2	3.7	2.8	4.8	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	2.8	4.8	
26	5.7	7.1	7.6	7.8	7.4	6.3	6.1	6.4	6.9	6.5	8.5	8.6	8.0	7.5	6.4	5.9	6.7	6.9	6.0	6.1	6.3	6.7	6.4	5.9	5.7	8.6	
27	7.3	7.6	8.3	6.0	6.8	5.9	4.7	5.7	6.8	7.1	7.9	8.3	9.6	9.7	9.4	9.4	8.2	7.0	7.3	6.8	6.0	5.8	6.1	9980b	4.7	9.7	
28	5.5	5.1	5.3	6.0	5.8	5.0	5.7	5.9	6.9	6.1	8.0	8.6	8.2	7.2	7.5	7.3	7.1	7.5	7.2	6.6	6.6	6.5	7.8	5.0	5.0	8.6	
29																											
30																											
31																											

Flags:
b = Bad Condition - Invalid Hour (9980)

Monthly: 3.8 Ave 0.3 Min 9.7 Max