

Monthly Matrix PM2.5 (HL11)

Station/Facility: HL11
 Parameter: PM2.5 (ug/m3) Particulate Matter 2.5 ug/m3
 Month/Year: May 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	6	5	6	4	9978p	9978p	4	6	5	5	8	9	8	7	6	3	4	5	6	6	4	4	6	6	3	9
02	8	7	5	7	5	4	5	4	4	6	8	9	8	7	6	7	9	9	9	9	6	7	9	13	8	4	13
03	7	12	15	14	14	11	9	14	15	17	25	26	28	26	27	31	23	26	29	29	30	23	29	26	7	31	
04	24	21	23	22	22	21	22	14	22	25	19	17	21	17	11	11	10	9	11	14	13	18	12	12	9	25	
05	12	10	12	14	11	16	16	12	9	7	5	4	4	5	7	7	7	5	7	8	9	7	6	5	4	16	
06	4	7	11	13	13	13	13	13	10	7	8	11	12	11	8	9	12	11	10	10	10	11	12	11	4	13	
07	10	8	10	13	25	40	39	31	19	12	10	7	6	9	11	10	10	8	10	13	8	6	6	6	6	40	
08	9	9	6	4	4	5	5	4	4	3	4	7	3	2	5	3	1	3	5	5	5	5	4	5	1	9	
09	6	6	6	5	3	2	2	2	4	4	3	4	4	1	0	0	4	4	3	2	3	4	5	5	0	6	
10	3	3	3	4	4	4	3	3	2	1	1	3	5	4	3	4	4	5	8	10	8	9	11	8	1	11	
11	4	3	3	4	6	5	4	6	4	6	9	9	9	8	7	8	8	9	11	11	9	10	12	12	3	12	
12	13	13	12	10	9	9	8	5	4	6	11	12	10	8	8	9	9	7	8	10	10	8	6	6	4	13	
13	7	6	5	4	3	4	7	6	6	7	9979d	9979d	9	12	9	7	6	9	8	7	7	10	9	7	3	12	
14	7	7	5	6	9	5	2	5	6	5	4	5	6	8	10	9	8	9	11	8	5	6	6	4	2	11	
15	3	3	3	5	6	5	5	7	9	17	21	17	15	9	8	9	11	9	10	13	22	17	21	31	3	31	
16	35	38	32	28	17	29	56	94	78	35	34	19	14	13	8	8	13	12	7	7	21	37	45	34	7	94	
17	36	35	33	27	37	36	35	28	27	30	48	29	15	15	18	57	50	48	45	51	45	48	46	40	15	57	
18	33	32	32	31	25	32	31	31	36	31	21	9	4	0	2	1	1	6	7	3	5	4	2	3	0	36	
19	6	5	2	3	5	5	6	4	3	3	6	6	4	6	9	7	5	6	6	5	9	15	13	17	2	17	
20	17	23	15	18	20	21	22	26	26	22	9	6	3	4	8	12	11	9	10	20	32	27	25	24	3	32	
21	22	26	36	35	42	38	33	30	26	36	24	20	20	18	12	21	25	22	25	26	21	24	30	30	12	42	
22	27	32	18	20	22	17	21	21	22	31	30	26	55	38	13	10	6	21	18	8	9	19	19	18	6	55	
23	25	19	19	22	24	20	24	20	19	22	20	4	3	5	7	7	7	6	6	7	8	9	11	10	3	25	
24	86	113	127	39	40	46	34	35	27	46	42	18	7	7	7	4	3	2	3	5	2	3	4	2	2	127	
25	15	11	26	25	23	22	25	21	34	47	91	25	6	4	4	7	8	6	5	7	11	11	19	19	4	91	
26	16	10	11	8	8	10	7	5	5	5	6	6	6	6	4	5	9	9	7	6	6	6	19	81	4	81	
27	88	73	63	67	70	48	27	31	33	22	3	4	3	1	3	6	6	6	4	3	5	7	7	8	1	88	
28	16	15	22	20	23	25	25	24	20	32	50	77	59	54	57	44	40	31	25	17	23	20	21	27	15	77	
29	28	27	33	27	25	27	25	25	23	24	26	21	13	12	9	7	7	6	3	5	10	8	6	7	3	33	
30	10	11	9	8	12	15	14	19	17	11	9	7	6	4	4	4	5	5	4	3	3	7	9	8	3	19	
31	6	6	8	12	14	13	18	11	11	9	9	6	1	1	4	8	9	7	7	10	11	10	11	10	1	18	

Flags:

- d = Off-Line Part of Hour - Invalid Hour (9979)
- p = Power Failure - Invalid Hour (9978)

Monthly: Ave 15 Min 0 Max 127

Monthly Matrix PM2.5 (KN12)

Station/Facility: KN12
 Parameter: PM2.5 (ug/m3) Particulate Matter 2.5 ug/m3
 Month/Year: May 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	45	44	43	29	38	35	32	32	37	32	27	33	33	42	48	48	58	53	52	56	54	52	45	45	27	58
02	52	57	53	71	70	68	67	60	57	57	57	34	36	31	29	33	34	37	36	40	37	39	44	51	29	71
03	48	39	36	37	31	29	29	35	33	41	36	32	26	38	39	44	42	33	9978p	9978p	9978p	9978p	9978p	9978p	26	48
04	9978p	9978p	9978p	9978p	9978p	9978p	9978p	43	34	34	40	37	41	49	43	31	38	33	32	34	31	32	28	42	28	49
05	49	37	32	29	25	29	32	35	36	32	37	35	31	37	37	29	41	33	26	23	18	23	20	17	17	49
06	19	25	28	27	29	38	36	37	33	29	24	28	31	34	31	32	29	25	20	17	23	21	30	25	17	38
07	27	39	29	32	25	32	29	26	24	17	21	17	15	10	15	15	12	16	19	16	17	17	23	27	10	39
08	26	29	31	27	24	22	23	23	18	25	25	20	26	26	26	27	28	25	20	22	16	20	24	22	16	31
09	23	20	12	18	21	17	15	20	18	12	15	18	20	29	33	24	27	24	22	25	19	22	20	25	12	33
10	25	24	22	24	23	21	23	18	17	11	10	15	10	14	9	16	18	20	35	33	35	23	14	17	9	35
11	9978p	9978p	9978p	9978p	9978p	9978p	9978p	15	13	15	12	12	18	21	20	11	12	14	11	11	10	14	11	11	10	21
12	12	18	17	11	12	12	11	12	15	14	19	27	35	31	30	34	35	25	26	36	36	35	23	20	11	36
13	21	20	16	25	23	18	17	22	22	17	14	14	15	25	24	18	15	21	19	22	26	24	22	18	14	26
14	21	16	15	12	13	20	15	12	16	12	12	16	18	17	23	23	22	25	36	27	29	22	26	23	12	36
15	24	22	21	9978p	9978p	9978p	9978p	27	24	19	17	17	13	13	15	15	16	14	21	15	13	14	26	21	13	27
16	25	20	21	15	12	10	6	5	5	21	20	14	19	15	18	18	25	22	20	21	22	17	8	10	5	25
17	12	17	15	15	13	13	12	14	16	19	16	17	19	12	16	15	24	24	20	22	20	23	24	24	12	24
18	25	22	18	18	21	21	18	20	31	25	23	13	11	9	9	10	9	7	4	5	6	7	4	5	4	31
19	10	9	7	7	11	11	10	6	5	8	5	4	7	5	5	7	7	6	5	6	7	6	4	3	11	
20	2	1	1	3	3	2	2	2	1	1	4	7	7	99791	5	3	1	0	1	3	4	4	4	4	0	7
21	4	5	3	2	4	4	3	4	6	4	3	3	5	5	3	0	0	3	5	5	3	2	4	4	0	6
22	-1	-2	0	3	2	3	5	2	2	3	2	2	4	4	3	2	2	5	5	4	6	5	5	4	-2	6
23	3	5	5	4	2	2	20	6	6	4	3	3	3	2	3	2	2	2	-1	2	4	3	20	20	-1	20
24	17	14	16	22	22	20	13	15	9	17	17	15	7	9	10	8	7	10	21	26	28	27	32	27	7	32
25	29	22	16	19	13	15	12	12	17	24	30	26	28	22	27	22	18	12	19	19	15	18	27	19	12	30
26	19	15	17	18	15	21	18	18	20	12	12	12	10	9	10	11	19	23	19	13	17	10	11	12	9	23
27	22	26	26	24	28	26	29	27	23	18	11	17	16	11	12	11	14	9	9	15	9	6	26	23	6	29
28	25	25	26	23	17	25	22	20	20	16	13	13	14	21	17	15	18	16	23	21	16	27	18	18	13	27
29	19	16	20	18	24	22	17	19	17	24	20	21	22	24	29	29	40	37	39	38	41	42	34	35	16	42
30	35	29	32	21	20	28	25	26	22	32	25	18	31	31	30	38	43	37	25	19	23	48	48	49	18	49
31	44	42	41	37	34	29	36	30	30	23	24	25	22	31	27	24	23	22	25	21	19	23	20	23	19	44

Flags: | = Negative Over Range - Invalid Hour (9979)
 p = Power Failure - Invalid Hour (9978)

Monthly: 21 Ave -2 71 Max

Monthly Matrix PM2.5 (MV17)

Station/Facility: MV17
 Parameter: PM2.5 (ug/m3) Particulate Matter 2.5 ug/m3
 Month/Year: May 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	6	6	8	11	8	4	5	6	9	11	10	9	12	12	8	7	10	11	10	7	8	10	8	6	4	12
02	9	11	10	7	9	11	11	9	7	11	12	11	11	12	13	14	13	13	17	13	12	10	11	13	7	17
03	15	15	15	17	15	13	10	11	18	20	28	32	31	27	30	29	24	29	27	27	31	30	25	22	10	32
04	21	22	21	19	17	16	21	22	24	20	18	18	15	16	16	15	13	13	13	12	13	11	9	10	9	24
05	11	17	10	12	12	10	10	11	12	10	7	8	10	9	7	7	7	10	11	8	6	5	5	8	5	17
06	8	6	6	7	9	8	7	8	10	9	10	11	11	10	12	14	12	12	18	10	10	12	12	11	6	18
07	10	10	12	14	14	13	12	12	12	14	13	11	11	12	13	13	17	11	11	13	13	11	10	10	10	17
08	10	8	7	8	10	10	7	6	7	6	5	5	6	6	5	6	9	9	8	8	6	5	5	5	5	10
09	5	5	8	8	7	7	6	4	4	8	6	3	5	5	5	4	4	6	7	5	1	2	3	3	1	8
10	5	7	7	5	3	6	9	4	2	7	9	6	6	10	10	7	10	9	7	8	8	9	7	6	2	10
11	8	9	7	8	9	7	10	10	7	9	12	8	6	10	14	13	10	10	12	12	13	9	9	11	6	14
12	9	7	8	7	11	12	10	9	10	0P	11	10	10	10	10	8	0P	9	10	10	9	11	10	8	0	12
13	9	10	6	5	6	5	6	10	11	11	11	13	12	11	11	10	10	11	11	11	11	13	15	13	5	15
14	10	8	9	9	8	8	10	9	8	9	9	8	9	10	12	12	10	9	8	10	10	7	5	5	5	12
15	7	6	6	9	10	58	54	59	33	22	24	28	35	25	12	13	13	11	14	12	11	11	12	14	6	59
16	19	24	15	14	57	57	43	38	43	50	21	17	16	19	9	12	25	12	14	31	49	46	42	50	9	57
17	50	49	49	43	44	51	85	99	71	64	41	37	32	42	141	37	46	84	71	71	58	50	57	55	32	141
18	54	52	46	38	35	46	34	35	34	43	41	37	9	9	9	7	6	5	4	4	4	4	3	5	3	54
19	6	7	7	5	6	4	3	6	8	6	6	11	13	17	13	15	20	5	8	9	7	6	17	16	3	20
20	15	15	14	13	17	20	15	21	22	29	28	22	23	21	17	13	10	22	28	27	28	19	19	39	10	39
21	56	46	44	41	41	41	41	39	32	46	55	49	40	45	57	43	32	28	22	25	28	27	15	26	15	57
22	28	31	28	21	22	23	20	20	35	121	105	41	34	25	23	13	65	153	61	108	172	11	10	8	8	172
23	10	17	13	13	21	16	17	11	13	15	12	24	39	13	14	14	11	10	10	8	8	8	140	262	8	262
24	462	197	54	64	116	91	78	81	80	66	79	10	9	6	7	8	5	4	4	5	5	5	6	9	4	462
25	20	69	52	29	19	23	21	24	37	126	103	103	5	4	3	6	17	17	10	8	8	19	18	14	3	126
26	19	15	12	12	16	15	11	6	8	8	6	7	5	3	4	4	3	7	9	6	7	205	75	25	3	205
27	12	31	44	26	41	52	78	66	88	8	6	6	5	5	7	9	38	39	35	17	20	16	14	24	5	88
28	24	30	26	24	22	21	25	19	21	86	102	66	68	57	47	39	39	28	26	24	23	22	18	24	18	102
29	19	13	21	25	25	28	24	24	25	29	30	24	12	13	12	10	10	8	7	6	6	7	6	7	6	30
30	5	6	8	8	8	10	14	14	13	13	12	12	13	12	10	12	12	10	9	6	5	3	2	3	2	14
31	4	5	7	10	13	15	14	13	11	8	7	9	9	6	4	6	8	9	8	8	6	6	6	6	4	15

Flags: P = Power Failure - Valid Hour
 Monthly: 21 Ave 0 Min 462 Max

Monthly Matrix PM2.5 (PA16)

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

Day	HOUR BEGINNING (Local Standard Time)																															Min	Max
	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	23	20	35	40	41	40	45	OP	54	50	48	39	14	14	13	8	5	10	12	6	10	33	19	19	0	54							
02	21	32	36	39	29	35	34	OP	32	52	40	28	14	10	6	7	7	7	8	12	13	13	22	23	0	52							
03	37	46	38	56	47	41	47	OP	77	35	26	29	28	23	20	25	22	22	20	20	17	16	17	20	0	77							
04	28	26	29	50	58	58	50	OP	58	76	69	21	8	8	10	10	9	8	7	6	10	12	24	19	0	76							
05	24	29	49	36	46	39	52	OP	48	21	13	13	8	5	5	3	3	3	5	3	5	8	17	17	0	52							
06	15	15	10	9	21	18	34	OP	16	23	15	10	9	10	7	6	7	5	4	9	11	7	9	11	0	34							
07	9	12	25	47	67	61	89	OP	76	58	15	14	9	9	10	8	7	6	8	6	7	10	10	22	0	89							
08	19	21	15	14	14	21	30	OP	59	40	20	12	7	0	-1	0	-1	0	3	7	8	7	13	15	-1	59							
09	13	11	17	20	19	14	11	OP	29	28	39	4	1	-1	0	0	2	3	6	8	7	9	5	0	-1	39							
10	0	1	20	19	13	29	24	OP	25	11	12	8	3	4	2	1	2	3	4	5	7	6	19	28	0	29							
11	18	14	14	12	10	11	18	OP	16	24	12	4	3	7	4	6	6	5	6	5	8	10	9	16	0	24							
12	11	10	20	29	20	19	17	OP	20	21	OP	9979d	9979d	10	6	4	6	9	6	6	11	28	39	29	0	39							
13	46	41	24	20	21	33	53	OP	83	35	67	34	11	7	2	3	2	4	6	1	18	14	54	36	0	83							
14	26	19	18	11	9	10	27	OP	7	22	15	11	5	4	5	3	1	-1	-1	1	2	2	7	18	-1	27							
15	12	12	32	13	14	24	17	OP	22	16	13	10	9	9	8	4	0	0	1	3	4	5	9	8	0	32							
16	9	12	12	11	9	11	15	OP	12	8	6	6	2	1	1	3	4	4	8	7	21	9	17	46	0	46							
17	133	89	64	58	54	43	52	OP	41	37	6	8	29	57	42	40	37	32	33	34	34	30	26	24	0	133							
18	24	16	17	14	21	20	23	OP	24	21	22	17	27	17	15	13	12	14	20	11	10	9	10	17	0	27							
19	12	13	11	11	13	10	11	OP	9	10	10	10	6	3	3	-1	-3	1	3	2	2	2	3	4	-3	13							
20	3	2	3	4	3	3	4	OP	5	7	13	17	16	16	15	18	17	9	8	9	12	14	15	14	0	21							
21	11	10	9	7	6	6	6	OP	4	7	13	14	18	10	12	10	4	4	4	2	3	4	4	3	0	18							
22	3	3	5	3	3	5	6	OP	5	4	2	3	3	7	4	0	6	6	3	3	3	3	3	0	0	7							
23	1	3	1	1	3	2	-1	OP	3	2	-1	-1	1	3	1	1	1	0	0	1	4	0	-1	1	-1	4							
24	3	4	7	17	21	29	12	OP	42	45	12	18	13	7	4	4	2	0	-1	1	2	3	7	10	-1	45							
25	10	10	21	29	56	71	95	OP	25	21	11	13	10	6	6	3	2	3	1	-1	-1	-2	1	4	-2	95							
26	2	-1	1	4	6	5	0	OP	-2	-1	1	1	2	1	4	4	-1	1	3	1	0	0	3	6	-2	6							
27	5	6	4	3	2	4	10	OP	28	24	28	1	0	0	1	0	-1	1	3	0	-1	-2	-1	6	-2	28							
28	10	7	23	36	37	31	41	9978p	21	31	23	16	23	23	25	9	5	2	3	6	8	8	8	8	2	41							
29	11	13	12	21	18	28	36	OP	40	51	34	15	15	12	10	6	2	1	1	2	1	5	17	19	0	51							
30	14	12	17	22	25	28	32	OP	57	62	58	6	4	5	4	1	-1	-1	-2	2	3	0	5	9	-2	62							
31	10	14	17	17	21	22	22	OP	14	42	29	6	4	1	1	3	4	1	-1	4	5	4	8	13	-1	42							

Flags: Monthly: Ave 15 -3 133
 Min Max

d = Off-Line Part of Hour - Invalid Hour (9979)
 P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)

Monthly Matrix SO2 (HL11)

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

Day	HOUR BEGINNING (Local Standard Time)																													Min	Max
	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	1	1	1	1	1	1	9978p	1P	2	2	4	3	2	2	2	2C 9995C	4C 9995C	9995C	4	4	3	2	2	2	2	2	1	4			
02	2	2	2	1	1	1	1	1P	1	7	3	2	2	2	2	2C 9995C	5C	3	2	2	2	2	2	2	2	2	1	7			
03	2	2	1	1	1	1	1	1P	1	1	2	3	4	3	2C 9995C	6C	3	2	2	3	4	3	3	3	3	1	6				
04	2	2	2	2	2	2	2	2P	2	6	3	2	2	2	2C 9995C	5C	3	2	2	2	2	2	2	2	2	2	6				
05	2	2	2	1	2	1	1	2P	2	2	2	2	9995C	3	2C 9995C	4C	2	2	2	2	2	2	2	2	2	1	4				
06	2	2	2	2	3	2	2	2P	2	2	2	2	2	2	3C 9995C	9C	4	4	2	2	2	2	2	2	1	1	9				
07	1	2	3	9	30	29	24	20P	6	3	2	2	2	2	3C 9995C	5C	4	4	4	4	2	2	3	2	1	30					
08	2	2	2	2	1	1	1	1P	1	1	3	2	2	2	2C 9995C	4C	3	3	12	5	3	2	2	2	1	12					
09	2	2	2	1	1	1	1	1P	2	3	4	2	2	2	2C 9995C	5C	3	2	2	2	2	2	2	2	1	5					
10	1	1	1	1	1	1	1	1P	2	2	3	2	3	4	3C 9995C	5C	5	6	8	8	6	4	2	2	1	8					
11	2	2	2	2	1	2	1	1P	1	2	2	3	3	2	3C 9995C	6C	4	6	12	4	3	3	3	4	1	12					
12	3	3	2	2	2	1	2	2P	2	4	3	2	9995C	2	2C 9995C	3C	2	2	2	2	2	2	1	1	1	4					
13	2	2	2	1	1	1	1	1P	1	9978p	9979d	9979d	4P	2	2C 9995C	4C	3	2	2	2	2	2	2	2	1	4					
14	2	2	2	2	2	2	2	2P	2	1	2	3	4	3	3C 9995C	5C	4	2	2	2	2	2	2	2	1	5					
15	2	2	1	1	1	1	2	4P	12	29	17	21	9	4	3C 9995C	5C	4	8	12	7	12	19	21	1	29						
16	22	13	7	6	21	67	113	86P	83	52	26	11	10	6	9C 9995C	12C	9	7	25	25	23	18	11	6	113						
17	9	9	7	7	8	8	8	18P	34	57	20	6	8	5	41C 9995C	81C	50	50	33	33	49	26	14	5	81						
18	12	14	14	12	10	11	25	26P	28	13	5	3	2	2	2C 9995C	4C	3	2	2	2	2	2	2	2	2	28					
19	1	1	1	1	1	1	1	2P	2	3	2	2	9995C	5	2C 9995C	4C	2	2	2	2	2	3	3	3	1	5					
20	3	2	4	5	4	9	21	30P	16	9	4	3	4	4	3C 9995C	5C	4	5	10	10	9	8	5	2	30						
21	6	8	7	5	5	5	6	7P	14	14	10	5	4	5	5C 9995C	9C	11	8	4	4	3	4	4	3	14						
22	4	4	4	4	4	4	5	6P	14	20	36	46	20	6	3C 9995C	17C	10	7	16	23	13	10	26	3	46						
23	23	21	25	26	27	30	27	34P	26	32	10	13	5	6	6C 9995C	7C	4	3	5	4	3	14	128	3	128						
24	169	189	66	99	136	102	115	92P	113	80	40	6	5	4	3C 9995C	5C	3	2	2	2	2	3	2	2	189						
25	2	9	10	5	6	7	10	39P	75	141	32	8	4	2	2C 9995C	5C	4	4	4	3	4	3	3	2	141						
26	3	3	3	3	2	2	2	2P	2	2	2	2	9995C	2	2C 9995C	4C	6	6	6	4	2	17	104	96	2	104					
27	75	72	76	77	55	27	34	51P	29	8	4	4	4	4	4C 9995C	7C	4	4	4	3	2	2	2	2	77						
28	2	3	4	5	6	6	8	6P	14	41	87	45	44	47	32C 9995C	15C	12	9	7	6	4	5	4	2	87						
29	4	3	2	2	2	2	2	2P	11	11	6	3	2	2	4C 9978p	3	2	2	2	2	2	2	2	2	11						
30	2	2	2	2	2	2	2	2P	2	7	5	2	2	2	2C 9995C	3C	2	2	2	2	2	2	2	2	2	7					
31	1	1	2	2	2	2	2	2P	3	4	4	2	2	2	2C 9995C	4C	3	2	2	2	3	3	3	2	1	4					

Flags: Monthly: Ave 10 189
 C = Calibration - Valid Hour
 c = Calibration - Invalid Hour (9995)
 d = Off-Line Part of Hour - Invalid Hour (9979)
 P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)

Monthly Matrix SO2 (KN12)

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

Day	HOUR BEGINNING (Local Standard Time)																								Min	Max	
	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	14	11	8	7	6	5	5	8P	17	12	9995c	19	27	26	25	30	26C	9995c	24C	22	19	16	11	10	5	30	
02	12	13	12	15	19	17	9	11P	21	22	9995c	15	14	15	17	26	40	54	57	33	21	14	9	15	9	57	
03	14	10	7	6	4	4	5	6P	9	10	9995c	19	21	30	78	59	24	17	9978p	9978p	9978p	9978p	9978p	9978p	9978p	4	78
04	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9P	14	13	9995c	19	38	37	14	9	9	5	3	2	1	1	1	2	1	38	
05	4	4	3	2	2	3	2	3P	5	9	9995c	26	48	9995c	20	27	20	15	8	5	5	4	4	4	2	48	
06	2	2	2	3	7	7	7	7P	9	7	9995c	18	23	24	17	11	7	6	4	3	3	2	2	2	2	24	
07	2	1	1	2	2	3	5	5P	2	3	9995c	2	1	2	2	1	1	2	1	1	1	1	1	2	1	5	
08	2	3	3	3	2	2	2	2P	5	10	9995c	15	13	13	14	14	11	8	8	6	5	2	3	2	2	15	
09	1	1	1	1	1	2	1	1P	3	4	9995c	12	29	25	21	18	15	13	12	11	8	7	3	3	1	29	
10	2	1	2	2	2	1	1	1P	2	1	9995c	2	1	1	1	3	9	20	29	28	11	4	4	4	1	29	
11	9978p	9978p	9978p	9978p	9978p	9978p	9978p	1P	3	6	9995c	7	15	11	3	2	2	0	0	0	1	0	0	0	0	15	
12	-1	-1	-1	-1	-1	-1	-1	0P	2	8	9995c	26	25	9995c	24	26	18	14	21	18	10	6	4	4	-1	26	
13	3	3	1	1	0	0	0	0P	5	4	9995c	4	9	5	3	2	3	4	6	6	5	3	1	0	0	9	
14	0	0	0	-1	-1	-1	-1	-1P	0	1	9995c	4	8	12	10	10	11	15	12	5	4	5	6	5	-1	15	
15	2	4	3	2	9978p	9978p	9978p	1P	3	2	9995c	3	4	7	6	5	4	5	4	1	0	0	0	0	0	7	
16	-1	0	0	0	-1	-1	-1	-1P	1	2	9995c	3	2	2	2	2	2	2	1	1	0	0	0	0	-1	3	
17	0	0	-1	-1	-1	0	0	0P	1	1	9995c	2	1	2	2	6	6	4	4	6	6	5	3	2	-1	6	
18	2	1	1	1	1	1	1	3P	8	4	9995c	1	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	8	
19	-1	-1	-1	-1	-1	-1	-1	-1P	-1	-1	9995c	0	-1	9995c	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	
20	-1	-1	-1	-1	-1	-1	-1	-1P	-1	-1	9995c	0	-1	-1	-1	-1	-1	-1	-1	-1	0	-1	-1	-1	-1	0	
21	-1	-1	-1	-1	-1	-1	-1	-1P	-1	-1	9995c	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	
22	-1	-1	-1	-1	-1	-1	-1	-1P	-1	-1	9995c	1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	
23	-1	-1	-1	-1	-1	-1	-1	0P	-1	-1	9995c	1	0	0	-1	-1	-1	-1	-1	-1	-1	-1	0	0	-1	1	
24	0	0	0	0	1	2	1	4P	11	11	9995c	5	3	2	1	0	1	3	8	4	2	2	2	1	11	11	
25	1	2	2	3	2	2	2	5P	15	11	9995c	7	4	3	2	1	0	0	1	1	0	0	0	0	0	15	
26	0	0	0	0	0	0	0	1P	1	1	9995c	4	3	9995c	2	1	1	1	1	0	0	-1	0	0	-1	4	
27	0	0	0	0	1	1	1	1P	1	2	9995c	5	2	3	1	1	1	1	1	1	1	1	1	1	0	5	
28	1	1	1	0	1	1	1	1P	2	2	9995c	4	3	3	3	3	1	1	2	1	0	0	0	-1	-1	4	
29	0	-1	0	0	1	0	0	0P	1	1	9995c	3	3	3	4	10	13	12	11	12	9	6	2	1	-1	13	
30	5	12	7	6	6	8	8	9P	9	8	9995c	10	9	11	20	36	28	15	10	9	10	13	9	8	5	36	
31	8	17	29	33	32	26	13	13P	8	5	9995c	8	7	5	4	3	2	2	1	1	1	1	1	0	0	33	

Flags: Monthly: Ave 5 -1 Min Max
 C = Calibration - Valid Hour
 c = Calibration - Invalid Hour (9995)
 P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)

Monthly Matrix SO2 (PA16)

Station/Facility: PA16
 Parameter: SO2 (PPB) Sulfur Dioxide
 Month/Year: May 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	24	176	224	173	184	270	349	306P	372	374	375	77	9995C	8	3	2	2	1	1C	9995C	35C	14	7	16	1	375	
02	69	179	213	148	396	470	371	425P	363	109	47	14	9995C	3	2	1	1	1	1	1	1	1	2	4	49	1	470
03	55	166	396	307	259	299	571	374P	59	9	4	2	9995C	2	1	1	1	1	1	1	1	1	1	4	1	571	
04	6	15	182	234	185	205	155	262P	354	155	19	3	9995C	2	1	1	1	1	1	1	1	2	8	34	1	354	
05	33	63	32	413	319	455	509	565P	208	16	13	5	9995C	2	2C	1C	1	1	1	1	1	6	21	43	88	1	565
06	63	66	35	96	210	436	254	147P	177	15	8	10	9995C	2	1	1	1	1	1	1	1	0	1	1	1	0	436
07	2	14	291	350	223	766	917	645P	617	142	13	4	9995C	3	2	2	1	2	1	2	2	18	41	62	1	917	
08	196	157	197	281	409	260	111	171P	147	31	15	4	9995C	3	1	1	1	1	2	2	6	87	54	49	1	409	
09	69	55	48	35	42	36	74	105P	73	89	15	2	9995C	2	1	1	1	1	1	0	1	0	0	0	0	105	
10	5	56	42	13	50	40	45	62P	41	28	3	2	9995C	1	1	1	0	0	0	0	1	24	58	44	0	62	
11	40	62	52	32	149	198	161	92P	34	4	1	1	9995C	1	1	1	1	0	0	0	2	9	28	32	0	198	
12	89	186	206	151	95	128	238	136P	31	15	6P	9979d	9979d	6D	3	2	1	1	1	4	45	72	51	92	1	238	
13	91	97	94	188	351	483	330	759P	310	127	49	9	9995C	3	2	2	1	1	1	14	24	119	85	54	1	759	
14	44	34	26	8	88	436	132	42P	55	20	4	1	9995C	2	1	1	1	1	0	1	1	2	34	17	0	436	
15	23	54	16	29	48	32	33	53P	52	62	41	10	9995C	3	1	1	1	1	1	0	0	0	1	0	0	62	
16	1	3	6	8	11	9	7	6P	3	1	1	3	9995C	1	2	2	5	5	3	18	10	15	264	782	1	782	
17	376	230	244	158	90	106	98	55P	90	29	10	48	9995C	64	53	104	115	62	28	17	16	14	9	5	5	376	
18	3	2	2	3	3	3	5	6P	8	10	8	9	9995C	4	2	2	2	3	2	1	1	17	35	17	1	35	
19	14	9	10	9	7	9	5	2P	5	8	5	2P	5	2P	1C	0C	0	0	0	0	0	0	0	0	0	14	
20	0	0	0	0	0	0	0	2P	9	8	7	5	9995C	10	9	5	3	2	2	2	2	2	1	1	0	10	
21	0	0	1	0	0	0	0	1P	3	3	5	5	9995C	2	2	1	0	0	0	0	0	0	0	0	0	5	
22	0	0	0	0	5	6	4	3P	1	1	1	0	9995C	1	0	0	0	0	0	0	0	0	0	0	0	6	
23	0	0	0	0	0	0	0	0P	0	0	0	0	9995C	1	0	0	0	0	0	0	0	0	0	0	0	1	
24	1	5	17	52	79	47	49	418P	414	81	75	9	9995C	3	2	1	1	1	1	0	5	6	6	3	0	418	
25	3	29	86	246	396	474	232	149P	131	56	31	6	9995C	4	2	1	1	1	1	0	1	1	1	0	0	474	
26	1	17	59	44	12	3	1	1P	1	0	0	1	9995C	3	1C	1C	0	0	0	0	0	4	5	6	0	59	
27	4	2	2	3	17	46	132	179P	233	267	7	4	9995C	3	3	1	1	1	1	1	0	1	2	1	0	267	
28	1	18	77	195	168	171	121	113P	148	126	42	74	9995C	38	15	4	3	2	2	1	1	1	1	1	1	195	
29	1	3	7	18	76	116	153	183P	138	54	32	34	9995C	15	3	2	2	1	1	1	3	6	7	6	1	183	
30	6	13	17	28	55	91	169	182P	181	147	33	10	9995C	3	2	1	1	1	1	1	1	1	3	6	11	182	
31	17	23	19	37	48	39	36	53P	96	57	10	3	9995C	2	1	1	1	0	0	1	6	20	14	18	0	96	

Flags:

- C = Calibration - Valid Hour
- c = Calibration - Invalid Hour (9995)
- D = Off-Line Part of Hour - Valid Hour
- d = Off-Line Part of Hour - Invalid Hour (9979)
- P = Power Failure - Valid Hour

Monthly: Ave Min Max
 57 0 917

Monthly Matrix SO2 (PE10)

Station/Facility: PE10
 Parameter: SO2 (PPB) Sulfur Dioxide
 Month/Year: May 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	3	2	2	2	2	2	2	9995c	4	3	3	3	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	2	2	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	3	2	2	2	2	2	2	9995c	2C	9995c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
06	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	3	
07	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	3	
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	
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	
10	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	
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	
12	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	3	
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	
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	
15	2	2	2	2	2	2	2	2	9995c	3	2	28	23	5	3	3	3	3	3	2	2	2	2	2	2	28	
16	2	2	2	2	2	2	2	2	9995c	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	
17	2	2	2	2	2	2	2	3	9995c	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	2	3	
18	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	2	
19	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	2P	2C	9995c	2	2	2	2	2	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	2	
20	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	2	
21	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9995c	9978p	9995c	9995c	0	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0	
22	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0P	0	0	0	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0	
23	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0	
24	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0	
25	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0	
26	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0	
27	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0	
28	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0	
29	-1	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	-1	
30	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	-1	
31	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	-1	

Flags: Monthly: 2 Ave -1 Min -1 Max 28

C = Calibration - Valid Hour
 c = Calibration - Invalid Hour (9995)
 d = Off-Line Part of Hour - Invalid Hour (9979)
 P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)

Wind Direction (HL11)

Station/Facility: HL11
 Parameter: WD (DEG) Wind Direction
 Month/Year: May 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	263	260	259	261	256	259	9978p	259P	108	79	73	63	71	73	59	53	30	299	299	293	292	279	255	261
02	250	263	259	258	254	256	263	269P	93	67	55	64	53	58	51	53	49	40	268	195	227	244	246	249
03	245	264	265	260	255	263	208	254P	210	132	101	100	75	3	49	81	39	15	27	106	130	148	178	252
04	262	260	264	261	260	253	258	244P	112	71	44	40	44	334	35	50	50	49	95	132	266	258	252	259
05	262	265	258	254	263	262	263	254P	128	154	258	283	57	50	60	48	60	64	81	273	264	253	256	259
06	259	257	259	257	252	257	252	232P	144	138	150	123	118	113	108	105	107	120	123	159	214	217	250	255
07	256	257	256	265	252	262	263	243P	134	127	133	119	124	108	107	105	100	120	116	141	181	241	248	251
08	252	250	253	238	249	260	259	261P	306	106	60	56	30	30	44	58	66	45	103	77	226	239	261	232
09	233	262	260	260	259	261	217	255P	103	92	57	61	40	49	22	92	114	140	158	248	199	237	251	259
10	271	263	258	265	276	270	261	253P	175	120	104	100	104	99	113	104	103	108	116	117	265	289	264	259
11	262	253	254	255	267	259	244	239P	192	131	112	122	114	95	97	103	90	105	113	157	261	256	262	259
12	259	256	260	260	266	256	273	270P	213	90	58	69	56	58	56	58	56	58	6	305	271	269	257	264
13	262	262	259	256	254	255	260	243P	119	97P	60	60	53P	60	61	66	63	62	57	139	260	264	263	261
14	262	261	260	262	257	263	211	264P	230	185	108	106	103	99	90	99	67	306	266	279	271	254	268	269
15	281	23	268	263	266	256	271	127P	66	66	71	52	75	51	36	31	330	207	242	257	257	254	257	253
16	249	279	261	266	267	264	262	262P	152	119	54	47	55	61	98	92	98	58	241	261	256	253	247	265
17	242	261	264	262	264	263	263	187P	152	134	60	128	124	196	244	252	110	18	200	262	265	270	262	272
18	262	263	267	264	266	267	262	258P	168	64	43	30	63	34	27	62	19	13	325	301	282	194	182	210
19	252	263	263	257	261	268	259	267P	86	61	65	62	62	68	63	64	63	35	209	283	282	255	276	273
20	260	274	267	243	260	268	254	252P	86	63	66	61	59	65	38	307	215	245	237	253	250	254	261	260
21	262	265	262	261	259	261	262	259P	214	65	69	78	67	60	61	59	93	202	275	236	258	259	263	262
22	264	264	260	259	259	260	260	260P	13	44	66	58	47	348	342	67	130	116	88	31	282	240	272	273
23	260	259	262	262	260	259	257	263P	71	78	91	74	32	332	224	199	138	133	163	259	256	223	253	249
24	249	259	256	255	256	258	258	232P	128	114	79	45	44	52	52	58	60	57	60	46	174	231	221	256
25	263	256	261	261	267	264	263	252P	51	70	75	66	60	56	49	22	55	70	338	308	280	281	237	293
26	268	254	259	271	262	257	260	262P	201	163	163	197	200	155	123	122	107	36	159	232	259	255	260	259
27	262	261	264	260	261	260	260	238P	150	149	107	100	94	85	80	59	82	40	340	307	292	279	264	260
28	261	260	264	258	261	259	263	271P	29	88	61	39	53	66	52	57	47	44	38	293	263	260	265	261
29	264	265	267	263	259	261	259	318P	132	95	54	48	47	32	30	44P	33	1	335	281	261	272	260	264
30	272	265	255	270	262	268	257	282P	89	74	71	55	51	52	46	57	46	39	55	39	133	117	252	265
31	266	262	261	261	262	263	264	292P	85	57	74	58	51	51	53	51	57	51	7	344	282	182	218	261

Flags:

P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)

Monthly Ave: 182

Wind Direction (KN12)

Station/Facility: KN12
 Parameter: WD (DEG) Wind Direction
 Month/Year: May 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	100	91	83	83	78	81	80	98P	253	258	283	292	282	279	280	263	281	311	54	165	120	122	94	68
02	50	59	48	60	75	67	70	57P	259	263	268	280	291	283	278	265	299	279	167	87	86	73	71	64
03	57	48	56	64	72	72	88	107P	275	312	298	286	284	290	300	309	286	284	9978p	9978p	9978p	9978p	9978p	9978p
04	9978p	9978p	9978p	9978p	9978p	9978p	9978p	97P	323	309	311	311	306	303	311	312	323	328	340	356	17	127	98	97
05	106	90	83	69	79	64	61	29P	303	309	308	323	331	326	337	0	336	313	320	20	88	127	131	140
06	70	82	57	75	73	71	72	53P	340	305	321	337	320	333	316	195	229	221	195	177	93	76	46	39
07	44	50	59	73	77	76	77	76P	278	263	256	299	319	327	317	301	211	173	176	131	123	58	55	69
08	67	58	67	71	71	71	75	76P	283	267	240	225	218	211	212	279	300	320	340	37	56	55	66	69
09	64	79	68	68	75	74	75	95P	204	259	252	251	246	257	269	274	307	297	316	337	355	2	71	52
10	65	62	60	72	61	75	82	103P	265	291	284	267	292	295	295	294	294	289	291	295	54	78	62	57
11	9978p	9978p	9978p	9978p	9978p	9978p	9978p	72P	322	304	298	297	301	296	310	338	333	353	344	15	39	24	39	61
12	78	75	77	75	61	57	70	75P	68	19	311	281	240	280	275	263	257	260	274	275	73	14	54	45
13	42	60	79	69	73	72	72	48P	300	269	276	277	286	277	276	287	178	205	195	163	98	85	73	63
14	52	54	65	76	70	75	81	64P	268	255	269	286	292	304	300	303	17	352	60	86	106	111	104	99
15	96	80	82	72	9978p	9978p	9978p	87P	244	279	269	292	294	303	312	316	308	303	297	322	50	67	79	68
16	74	74	73	54	71	67	73	95P	307	256	280	287	268	264	269	270	274	264	249	195	37	169	168	132
17	111	97	80	81	53	64	59	18P	307	242	256	275	263	255	220	221	254	256	251	226	237	63	78	61
18	59	77	54	59	65	46	51	350P	324	295	300	306	317	311	303	290	297	311	342	39	58	66	60	71
19	85	77	75	83	61	75	68	76P	262	276	263	283	278	291	290	310	300	306	312	41	53	35	64	73
20	69	76	80	74	81	77	77	117P	245	261	265	280	276	292	294	293	300	299	341	45	74	77	67	66
21	64	73	84	85	81	80	81	91P	224	256	238	222	236	256	266	279	262	269	219	88	78	85	85	88
22	87	83	83	90	91	86	85	81P	227	277	272	267	261	239	211	200	222	207	149	79	90	132	88	74
23	64	73	71	73	76	73	78	50P	284	289	287	290	288	289	289	290	297	287	31	47	39	44	51	85
24	77	82	78	80	74	71	71	87P	194	239	268	294	295	299	300	297	303	312	331	2	31	62	77	83
25	85	82	77	75	87	76	77	93P	254	255	268	260	271	272	279	286	271	299	308	319	41	74	77	79
26	82	79	75	87	72	67	82	38P	301	288	290	287	306	293	304	317	320	311	354	297	310	49	60	68
27	73	78	71	74	69	67	68	38P	266	257	254	244	274	278	277	290	259	270	223	100	71	65	81	65
28	70	70	74	72	64	63	70	38P	242	227	211	218	220	226	240	268	244	262	258	226	201	124	53	88
29	62	71	74	58	73	77	76	92P	238	254	256	256	241	254	277	292	293	305	318	360	56	67	80	80
30	81	72	77	72	71	54	76	90P	238	254	256	256	241	254	277	292	293	305	318	360	56	67	80	80
31	71	65	70	71	68	68	83	84P	280	259	262	274	252	269	272	236	256	264	259	307	296	347	17	26

Flags: Monthly Ave: 174

P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)

Wind Direction (MV17)

Station/Facility: MV17
Parameter: WD (DEG) Wind Direction
Month/Year: May 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	252	277	272	270	267	268	264P	205	238	130	105	70	87	73	63	67	89	94	214	277	267	289	269	256
02	243	267	259	254	258	255	254P	175	115	115	87	67	79	67	73	69	77	62	73	148	167	251	247	249
03	258	254	258	247	258	249	255P	258	231	137	104	77	75	90	86	82	168	71	59	91	124	211	223	259
04	281	259	241	207	246	245	245P	169	97	77	83	83	84	80	75	63	70	69	83	184	180	260	237	233
05	260	246	250	248	252	246	244P	192	119	253	187	82	91	76	82	67	74	70	57	253	253	222	263	275
06	249	256	262	260	251	249	248P	189	141	128	215	131	71	77	91	95	100	120	127	130	154	223	237	240
07	243	244	248	247	249	247	247P	155	156	104	130	97	88	82	84	81	78	81	79	83	121	220	268	214
08	255	253	258	237	200	243	249P	230	85	89	90	68	75	79	84	75	78	59	68	259	83	163	280	261
09	218	246	264	260	260	244	242P	253	167	80	77	70	82	83	76	82	102	204	196	228	174	252	242	257
10	222	221	265	257	252	266	274P	129	103	93	78	150	84	92	106	91	82	86	90	86	255	268	177	218
11	258	254	249	261	250	247	248P	245	176	116	91	77	93	88	99	90	75	73	70	125	236	278	298	300
12	276	255	262	265	262	254	264P	188	77	70P	78	79	79	74	84	69P	70P	67	80	251	304	285	287	300
13	283	252	261	247	242	251	254P	222	112	102	78	67	73	76	74	74	73	64	60	153	283	212	305	253
14	256	262	240	256	249	254	253P	236	202	223	107	148	87	76	74	79	72	97	278	261	264	263	249	255
15	252	172	275	257	248	196	210P	177	90	136	95	93	72	72	71	99	126	293	267	247	260	259	254	244
16	241	226	249	257	258	246	245P	248	183	118	88	99	84	77	103	139	232	253	253	249	265	244	245	254
17	244	245	233	248	256	257	265P	226	181	153	111	125	155	209	221	195	211	158	264	260	215	254	274	245
18	248	249	257	257	258	244	250P	274	119	97	79	64	107	113	170	116	124	215	244	255	260	249	257	254
19	265	266	269	245	248	265	255P	216	86	64	72	79	69	65	86	76	164	277	258	243	228	253	269	253
20	256	246	252	255	251	249	252P	207	115	93	85	73	58	64	77	97	109	208	246	290	257	274	273	270
21	259	258	242	262	250	253	251P	245	142	95	71	79	74	69	100	118	190	256	259	250	256	238	254	261
22	254	248	252	246	255	252	251P	229	160	81	67	130	118	210	201	185	165	163	168	192	221	194	214	216
23	245	247	243	258	248	253	252P	194	80	89	97	139	84	113	95	120	204	77	91	167	173	225	230	242
24	249	253	256	260	254	255	255P	221	146	118	90	79	81	77	71	76	79	66	53	188	149	177	225	240
25	245	243	244	246	243	251	251P	204	89	105	70	85	69	61	93	100	89	155	151	77	173	100	275	290
26	264	263	265	250	240	241	247P	224	142	143	242	158	206	271	246	296	162	141	146	195	220	210	222	220
27	219	229	236	238	252	248	245P	209	142	165	129	105	111	108	113	127	132	141	115	234	251	253	241	246
28	242	252	252	245	257	251	250P	216	228	177	130	121	84	74	75	71	68	60	67	67	290	280	247	264
29	267	251	266	245	247	253	250P	122	98	92	79	66	66	79	75	67	66	72	133	316	263	252	255	258
30	253	223	258	243	262	254	254P	254	114	74	76	73	77	85	63	71	75	71	69	139	239	222	241	252
31	253	257	257	256	255	251	252P	171	116	111	83	76	76	73	76	85	68	69	160	220	278	212	279	286

Flags: P = Power Failure - Valid Hour Monthly Ave: 181

Wind Direction (PA16)

Station/Facility: PA16
 Parameter: WD (DEG) Wind Direction
 Month/Year: May 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	331	293	321	322	329	321	328	205P	100	100	116	123	121	114	120	110	100	198	283	279	295	331	330	308
02	296	302	315	331	321	318	288	207P	135	129	126	140	139	140	135	117	103	96	72	65	117	243	305	319
03	319	320	308	281	310	323	276	232P	90	106	109	126	137	147	141	152	205	249	260	316	310	90	105	162
04	281	316	326	303	323	326	323	210P	177	118	121	120	123	112	150	132	117	101	64	166	162	139	308	318
05	319	325	247	270	271	275	317	71P	136	131	111	129	149	185	167	174	103	89	68	97	158	140	315	320
06	317	313	323	331	254	200	173	71P	94	95	89	100	108	103	107	100	83	73	83	56	230	148	190	159
07	296	312	251	311	287	286	234	111P	73	107	97	104	105	94	96	83	86	73	94	71	121	212	306	280
08	316	317	316	323	286	295	254	109P	132	103	105	106	104	84	105	104	97	90	136	248	321	325	303	319
09	321	184	238	328	329	332	283	135P	166	124	125	118	111	108	101	104	97	77	78	62	81	121	141	189
10	113	271	176	221	297	274	309	241P	90	111	99	92	95	97	100	87	90	94	93	94	130	137	203	270
11	271	239	283	199	268	277	165	78P	96	100	107	106	104	103	112	176	103	184	163	150	203	282	317	318
12	314	312	322	319	312	307	243	122P	96	101	111P	120	104	90	99	111	99	99	128	236	105	291	284	302
13	293	297	254	209	285	313	264	122P	97	121	115	128	126	132	102	94	100	103	114	206	71	144	213	144
14	319	323	332	265	203	110	91	86P	93	103	120	121	141	146	212	234	308	297	218	335	263	313	314	323
15	320	324	329	316	234	332	329	157P	86	113	148	133	152	152	133	118	128	206	186	258	305	322	317	324
16	321	325	324	328	328	324	324	265P	130	154	131	134	155	150	245	316	78	243	327	302	156	238	239	180
17	267	317	289	328	329	323	322	331P	125	123	97	296	319	276	132	318	154	277	310	323	313	324	328	332
18	334	332	335	322	326	330	301	206P	168	170	155	204	222	190	189	156	179	161	165	155	148	135	224	265
19	317	323	236	292	304	284	324	249P	161	99	103	179	160	145	101	95	95	91	92	134	207	102	178	247
20	334	337	329	321	321	323	322	182P	128	168	163	161	157	171	148	153	137	190	201	206	293	317	326	321
21	322	325	326	327	326	329	319	183P	107	129	145	145	139	137	114	108	98	69	132	176	269	294	324	319
22	322	327	323	325	321	300	261	68P	64	107	153	191	164	178	248	211	199	285	262	323	326	322	325	328
23	325	325	322	322	323	323	288	171P	119	125	125	137	136	146	137	133	144	140	116	121	232	211	127	163
24	326	332	327	324	328	323	320	137P	151	135	155	152	159	163	170	160	136	136	170	200	288	322	319	318
25	305	323	325	321	320	322	318	191P	161	171	137	151	147	157	159	133	195	258	227	323	325	329	269	240
26	83	54	245	195	139	162	320	138P	262	295	93	113	101	109	90	114	110	102	218	325	325	316	330	286
27	302	241	332	324	277	324	312	187P	71	106	108	133	152	148	146	165	161	164	195	323	326	317	316	295
28	333	331	327	321	326	325	296	247P	168	150	169	163	167	158	150	152	217	238	268	240	179	325	331	337
29	325	321	319	329	324	301	326	207P	127	121	141	127	143	147	159	153	148	159	264	331	267	296	331	323
30	290	326	250	320	273	316	286	200P	134	133	116	114	136	165	147	129	115	112	99	75	89	92	165	300
31	307	322	325	328	325	322	319	230P	139	126	127	119	113	121	131	107	95	104	114	215	221	82	186	182

Flags: P = Power Failure - Valid Hour
 Monthly Ave: 208

Wind Direction (PE10)

Station/Facility: PE10
 Parameter: WD (DEG) Wind Direction
 Month/Year: May 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	355	345	355	336	342	320	317	315	331	29	33	45	51	33	22	22	14	8	10	6	16	10	340	313
02	299	293	330	311	306	326	304	329	55	82	80	96	93	105	104	108	111	107	82	266	267	260	257	262
03	283	287	283	240	293	285	316	290	111	125	128	136	139	135	136	130	129	120	112	39	192	261	258	271
04	266	280	289	282	267	279	282	309	58	26	74	99	93	100	100	90	95	85	85	282	252	257	261	282
05	295	255	259	281	259	241	119	161	288	297	116	112	119	108	102	96	94	82	70	57	50	20	305	303
06	259	269	263	270	251	268	259	258	133	153	111	116	118	118	107	113	119	122	119	126	130	128	135	115
07	104	91	75	57	256	329	260	275	107	116	104	105	106	111	108	105	100	103	95	81	73	65	79	65
08	1	266	289	331	316	312	309	346	1	23	49	73	59	84	74	83	80	69	73	55	338	327	325	324
09	327	311	312	324	313	308	318	303	334	12	65	52	63	96	103	100	105	110	161	154	339	167	106	71
10	95	77	10	299	281	287	324	27	96	102	95	110	103	135	104	104	102	101	101	69	61	75	95	97
11	302	285	328	311	59	75	41	32	65	104	115	107	114	116	110	107	100	104	94	32	26	287	333	294
12	305	263	262	275	257	273	286	337	343	28	27	77	95	90	90	77	67	65	25	28	26	24	21	282
13	308	80	140	115	259	257	258	328	343	50	49	55	88	88	92	92	79	74	56	40	40	33	346	302
14	268	307	278	282	300	278	282	331	126	123	108	114	117	119	110	122	115	117	113	72	276	263	261	254
15	58	325	310	284	332	295	320	307	306	11	128	175	65	115	114	112	113	109	63	307	300	281	296	165
16	261	215	184	244	293	264	255	294	124	132	133	127	134	134	131	149	152	142	120	123	133	121	152	259
17	12	258	241	182	176	169	184	204	197	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
18	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p
19	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p
20	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
21	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p
22	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p
23	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
24	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
25	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p
26	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p
27	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p
28	195	195	183	245	234	227	233	177	137	144	152	148	152P	158P	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	
29	276	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p
30	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b
31	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p

Flags: Monthly Ave: 173
 b = Bad Condition - Invalid Hour (9980)
 P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)

Wind Speed (HL11)

Station/Facility: HL11
 Parameter: WS (MPH) Wind Speed
 Month/Year: May 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	2.5	2.2	2.1	1.9	1.9	9978p	1.7P	1.4	2.1	4.8	5.8	5.8	6.7	5.4	4.6	3.6	3.7	4.1	3.4	3.3	2.6	2.1	1.9	1.4	6.7
02	1.6	1.9	2.1	2.7	3.2	2.8	2.8	1.5P	3.0	3.6	5.0	5.1	4.8	5.1	5.0	3.4	2.9	2.0	1.2	0.7	1.0	1.6	2.0	2.0	0.7	5.1
03	1.9	2.3	2.9	2.5	2.4	2.5	1.9	2.6P	2.1	4.0	5.9	6.0	3.8	3.3	3.3	3.8	2.2	2.0	1.3	0.9	0.8	0.5	0.2	1.2	0.2	6.0
04	1.7	1.9	1.7	1.8	2.4	3.1	2.7	1.4P	2.9	4.6	4.3	4.0	3.6	3.6	2.7	3.1	3.4	2.2	2.1	1.2	1.6	1.8	1.8	2.1	1.2	4.6
05	2.3	2.5	2.4	2.7	2.6	2.9	2.7	3.0P	2.5	3.4	3.3	2.4	3.7	4.3	4.7	3.7	4.0	3.1	2.3	1.3	1.8	2.4	2.4	2.3	1.3	4.7
06	2.9	3.1	3.2	3.6	4.1	3.0	3.9	2.8P	4.0	4.7	4.4	4.6	5.3	5.9	5.9	5.7	5.0	4.5	4.8	2.6	1.9	2.2	2.3	2.5	1.9	5.9
07	2.2	2.3	2.6	2.2	3.1	2.7	2.6	1.9P	3.6	4.4	5.1	5.6	6.8	6.2	5.6	5.4	4.6	4.5	3.3	2.2	1.1	1.9	2.3	2.7	1.1	6.8
08	4.3	4.8	4.9	4.2	3.3	3.0	4.1	4.2P	4.5	4.7	4.8	5.5	4.1	3.3	4.1	5.3	4.6	3.2	2.1	1.5	2.0	1.6	2.0	1.3	1.3	5.5
09	1.9	2.7	2.8	3.4	3.1	3.0	2.5	3.7P	3.4	4.4	4.6	5.4	4.1	4.8	3.6	4.3	4.7	2.8	3.9	2.9	2.5	3.4	2.8	2.3	1.9	5.4
10	3.0	2.7	2.4	2.3	2.2	2.4	2.3	2.2P	2.5	3.7	4.2	5.2	6.0	6.1	5.5	5.2	4.7	3.8	3.2	1.7	2.1	2.1	2.2	2.4	1.7	6.1
11	2.0	2.5	2.6	2.7	2.8	3.0	3.4	2.8P	1.9	3.3	5.8	4.0	5.3	4.0	4.3	3.9	4.4	3.4	3.2	1.1	1.9	1.9	2.2	2.2	1.1	5.8
12	2.8	3.4	3.7	3.7	3.1	2.9	3.0	1.8P	1.2	3.6	4.3	5.6	6.5	5.9	5.7	5.3	4.2	3.8	2.8	2.3	2.4	2.5	2.5	2.5	1.2	6.5
13	2.5	2.8	2.8	3.0	4.0	3.4	3.0	2.6P	3.9	4.7P	4.7	5.5	5.6P	5.7	4.7	4.6	4.4	3.9	3.0	1.1	1.6	2.1	2.0	2.3	1.1	5.7
14	2.5	2.5	1.9	2.4	2.9	2.5	2.0	2.6P	2.7	3.1	4.8	5.7	5.8	4.0	3.5	3.3	1.7	3.8	2.9	3.2	3.1	3.4	3.2	2.2	1.7	5.8
15	4.1	1.6	3.0	2.7	1.7	2.5	2.2	1.4P	2.0	2.1	2.8	3.6	3.1	3.2	2.2	1.7	1.8	3.5	1.9	2.0	2.2	2.7	2.5	2.6	1.4	4.1
16	1.7	2.0	2.2	2.4	2.6	2.5	2.4	2.0P	2.7	4.2	4.3	4.7	4.9	4.4	3.5	2.9	2.9	2.1	2.2	2.0	2.9	2.9	2.6	2.6	1.7	4.9
17	2.3	2.7	2.6	2.9	2.5	2.6	2.1	1.3P	1.9	1.8	3.1	2.6	2.7	1.2	3.4	2.4	1.0	1.3	0.5	1.9	2.1	1.7	2.3	2.2	0.5	3.4
18	2.6	3.2	2.4	2.4	2.4	2.2	2.4	2.0P	1.7	5.0	3.8	4.8	4.3	3.7	4.4	3.1	4.0	2.3	2.7	3.7	3.2	1.2	0.8	0.8	0.8	5.0
19	1.6	1.7	1.9	1.8	1.6	2.2	2.0	1.2P	3.5	4.1	5.0	5.9	5.3	5.7	4.5	4.5	4.1	1.5	1.5	2.1	0.9	1.3	1.9	1.5	0.9	5.9
20	1.9	3.1	1.8	1.7	2.2	2.1	2.4	2.1P	3.2	3.8	5.3	4.8	4.7	4.1	3.0	1.6	1.0	1.3	1.6	1.8	2.3	2.2	2.0	2.3	1.0	5.3
21	2.1	2.1	2.1	2.5	2.4	2.6	2.5	2.3P	1.8	3.1	4.1	6.0	5.9	5.8	4.8	3.9	3.2	2.4	2.5	1.1	1.8	2.2	2.4	2.5	1.1	6.0
22	2.6	2.5	2.9	3.5	3.5	3.6	3.7	2.5P	1.3	2.5	4.3	4.6	3.7	3.4	3.0	2.5	3.2	3.2	2.5	1.5	1.9	1.7	2.6	2.5	1.3	4.6
23	2.9	3.1	3.1	2.9	3.2	3.4	3.6	1.4P	2.9	3.7	3.8	4.0	2.6	2.5	1.4	1.2	1.6	2.1	1.5	1.5	0.9	1.1	1.4	2.3	0.9	4.0
24	2.2	3.1	3.3	3.8	4.2	4.2	3.8	2.0P	3.0	4.4	4.6	4.5	5.3	5.1	4.9	4.9	3.7	2.8	2.0	0.6	0.8	1.3	1.4	2.4	0.6	5.3
25	2.9	3.1	2.9	3.1	2.9	3.1	2.6	1.3P	2.8	3.4	5.3	5.9	6.0	5.4	4.0	2.7	3.7	2.5	3.0	3.2	2.2	1.8	1.8	2.7	1.3	6.0
26	2.3	1.5	2.6	2.7	2.6	2.4	2.3	2.2P	1.6	2.0	1.6	2.9	3.2	2.3	2.5	2.8	3.2	2.0	1.3	1.4	0.4	1.9	2.0	2.2	0.4	3.2
27	2.3	2.6	2.9	3.1	3.1	3.1	3.4	1.9P	3.8	3.6	5.5	5.7	6.5	5.4	5.8	4.1	4.3	2.6	2.6	1.6	1.7	2.1	2.5	2.5	1.6	6.5
28	3.0	3.4	3.2	3.1	3.3	3.6	3.5	1.5P	1.1	2.9	4.0	4.7	5.3	5.7	4.6	4.2	3.5	2.4	1.7	1.4	1.6	1.7	1.9	1.9	1.1	5.7
29	2.2	2.2	2.3	2.4	2.4	2.3	2.4	1.8P	1.5	2.9	3.3	4.0	3.6	2.9	2.9	3.5P	3.0	2.3	1.4	1.1	1.2	1.7	2.0	2.0	1.1	4.0
30	2.0	2.3	2.5	2.4	2.2	2.6	2.7	2.0P	2.6	4.1	5.2	5.4	5.3	4.7	5.2	4.8	4.2	3.5	2.8	1.6	0.8	0.5	1.4	2.1	0.5	5.4
31	1.8	2.6	2.9	3.3	3.3	3.3	2.7	1.6P	2.4	2.3	5.8	5.9	5.0	5.1	5.4	4.3	4.6	3.0	1.6	1.9	2.2	1.1	1.5	1.5	1.1	5.9

Flags: Monthly: 3.0 Ave 0.2 Max 6.8
 P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)

Wind Speed (KN12)

Station/Facility: KN12
 Parameter: WS (MPH) Wind Speed
 Month/Year: May 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	4.2	5.2	4.3	4.2	3.8	5.0	4.9	3.6P	2.6	4.1	2.7	4.8	5.9	7.9	7.3	5.2	3.8	2.3	1.2	1.0	1.7	1.3	2.0	1.9	1.0	7.9	
02	1.8	2.7	3.1	2.9	4.7	4.4	4.7	3.4P	2.9	4.3	5.6	5.5	5.1	5.3	3.8	4.2	5.5	3.9	2.1	3.7	4.4	4.5	3.9	3.4	1.8	5.6	
03	4.0	4.2	4.3	4.2	3.8	4.0	5.0	3.2P	2.6	5.2	6.2	6.7	6.4	6.0	5.0	4.3	4.1	3.9	9978p	9978p	9978p	9978p	9978p	9978p	2.6	6.7	
04	9978p	9978p	9978p	9978p	9978p	9978p	9978p	2.7P	2.5	4.4	5.2	5.7	6.3	8.1	6.9	6.2	4.7	3.6	1.8	1.1	1.4	1.6	3.9	4.8	1.1	8.1	
05	4.4	3.7	3.8	2.5	2.9	3.4	2.9P	4.4	2.9P	4.4	6.4	5.6	4.4	4.4	3.4	3.1	2.8	3.4	1.6	1.5	2.6	0.6	1.0	1.0	0.6	6.4	
06	2.2	3.5	2.1	4.0	6.4	6.3	6.6	5.2P	2.9	5.2	6.2	6.0	7.3	4.8	2.6	2.3	3.9	4.0	3.5	2.0	2.4	2.9	3.2	3.6	2.0	7.3	
07	3.9	4.5	5.3	6.0	7.8	7.7	7.2	4.6P	2.9	4.3	4.2	5.1	5.1	4.8	4.2	2.8	3.5	3.8	4.0	2.2	1.5	2.0	3.1	4.3	1.5	7.8	
08	3.7	4.5	5.8	6.5	6.3	4.6	5.1	3.8P	2.5	5.1	4.7	5.4	5.8	5.9	3.8	2.6	3.7	3.8	2.3	3.3	2.6	3.4	3.9	3.4	2.3	6.5	
09	2.4	3.2	2.9	3.2	4.1	6.4	7.9	6.1P	3.4	4.7	4.4	5.6	5.0	5.2	3.9	5.2	5.2	3.9	2.7	2.1	1.5	1.4	2.6	3.0	1.4	7.9	
10	3.0	3.4	4.1	5.9	5.8	5.6	3.5	2.4P	3.2	3.2	4.0	4.4	6.1	6.2	7.8	6.7	6.7	5.5	5.0	3.9	3.3	4.0	2.6	3.0	2.3	7.8	
11	9978p	9978p	9978p	9978p	9978p	9978p	9978p	3.0P	2.3	5.3	5.1	6.0	7.2	6.8	4.6	2.3	1.7	1.1	1.8	1.4	1.4	1.5	2.5	3.2	3.1	1.1	7.2
12	5.3	6.0	4.6	4.0	4.3	2.9	3.6	3.3P	2.2	1.9	3.2	3.4	4.1	4.1	3.7	3.3	2.7	3.9	2.8	2.0	2.0	1.3	2.0	2.8	1.3	6.0	
13	3.1	3.6	3.9	3.9	5.2	5.3	5.5	4.2P	2.7	3.8	5.5	5.0	4.9	4.8	3.1	2.4	2.2	2.5	2.7	1.2	2.0	1.9	2.5	2.9	1.2	5.5	
14	3.1	3.1	3.8	6.4	5.6	5.0	5.6	3.8P	2.5	4.2	5.3	7.9	7.1	6.0	4.9	4.0	1.7	1.1	1.2	4.4	3.3	2.5	3.1	4.6	1.1	7.9	
15	4.5	4.5	4.3	3.9	9978p	9978p	9978p	2.4P	3.0	4.9	5.4	6.8	7.1	7.3	6.2	5.8	4.2	4.6	3.7	2.2	2.1	3.4	4.8	4.2	2.1	7.3	
16	4.3	4.3	4.6	4.1	4.9	4.4	4.7	3.4P	3.2	4.3	4.4	5.9	5.9	5.2	5.3	4.3	2.4	4.2	2.5	0.6	0.9	2.1	2.6	2.2	0.6	5.9	
17	3.5	2.7	3.5	3.9	2.0	2.4	2.2	2.0P	2.1	3.5	3.7	2.8	3.5	3.6	2.0	2.9	2.6	1.6	2.6	1.6	0.2	1.4	2.5	1.6	0.2	3.9	
18	2.9	3.5	2.0	2.4	2.1	2.4	2.4	2.8P	4.2	5.8	5.8	5.7	5.0	5.6	5.3	5.6	5.0	3.2	2.1	2.6	1.9	3.1	3.1	3.7	1.9	5.8	
19	4.7	3.4	3.6	5.1	4.2	4.8	3.5	2.8P	2.5	3.7	5.0	5.8	7.3	7.1	7.2	6.4	6.7	6.9	4.6	2.8	2.6	1.6	3.8	4.8	1.6	7.3	
20	4.1	4.8	5.3	3.7	3.2	4.1	4.7	3.7P	2.6	4.3	5.3	6.5	6.9	5.9	7.3	6.8	6.4	4.9	2.2	1.7	3.1	3.3	3.5	3.1	1.7	7.3	
21	2.7	3.1	3.8	3.0	4.2	4.6	4.4	3.2P	2.3	4.6	5.4	5.4	5.9	6.9	6.8	6.7	4.7	4.2	2.8	4.2	5.0	6.6	6.4	6.3	2.3	6.9	
22	6.8	6.6	6.4	6.4	4.5	7.0	6.1	4.4P	2.7	4.2	5.0	5.9	5.4	6.0	4.3	4.2	4.0	3.2	1.2	2.9	1.9	1.6	2.7	2.0	1.2	7.0	
23	2.7	4.4	4.3	5.6	6.2	6.0	5.9	4.1P	3.5	5.4	6.2	7.1	7.0	7.1	5.6	4.6	4.7	3.2	2.6	3.0	2.3	2.2	2.7	4.3	2.2	7.1	
24	3.2	5.0	4.2	5.4	4.1	4.3	4.3	3.8P	2.5	3.4	5.4	5.6	6.3	7.7	7.0	5.9	5.4	4.9	3.9	1.4	1.3	3.2	4.6	5.8	1.3	7.7	
25	6.4	5.6	4.8	4.3	5.2	4.4	4.4	3.4P	2.6	4.0	4.7	5.4	5.8	5.8	5.1	5.4	6.2	4.9	3.8	2.9	1.7	3.6	4.8	4.5	1.7	6.4	
26	4.2	3.0	2.8	3.4	2.8	2.3	3.8	2.8P	3.8	3.8	4.1	3.2	3.6	4.4	4.2	3.7	3.5	3.6	2.0	2.2	1.6	1.7	2.2	3.7	1.6	4.4	
27	3.0	3.7	3.7	4.5	3.1	3.0	3.8	3.0P	3.7	3.4	4.5	5.2	5.0	5.8	4.1	4.1	3.6	2.6	2.1	1.0	0.9	2.7	2.7	4.5	0.9	5.8	
28	5.3	4.8	6.4	6.0	4.6	4.4	3.2	2.6P	3.1	3.4	3.7	3.4	4.5	5.0	4.2	3.0	1.9	2.0	1.2	0.5	2.1	2.3	4.3	4.5	0.5	6.4	
29	3.5	4.3	4.3	4.2	5.1	5.1	4.5	3.4P	2.2	3.5	3.5	3.7	4.6	3.6	3.6	4.0	3.0	3.5	2.6	1.3	0.7	1.4	2.4	4.4	0.7	5.1	
30	5.9	4.1	4.3	5.5	7.2	4.8	3.7	3.3P	2.8	4.4	4.7	4.3	5.2	5.8	5.6	5.8	5.2	4.7	3.1	1.9	3.0	3.8	4.7	5.1	1.9	7.2	
31	3.6	5.1	5.1	5.4	4.9	4.5	5.7	4.3P	2.7	4.3	4.8	5.2	4.2	4.6	4.4	4.2	4.8	3.6	2.9	2.2	2.2	0.9	1.1	1.0	0.9	5.7	

Flags: Monthly: 4.0 Ave 0.2 Min 8.1 Max

P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)

Wind Speed (MV17)

Station/Facility: MV17
 Parameter: WS (MPH) Wind Speed
 Month/Year: May 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	0.8	1.2	1.3	1.1	1.5	1.9P	1.5	2.1	2.3	4.2	4.5	4.7	3.9	3.3	3.3	4.0	3.0	2.3	1.7	1.6	1.1	1.4	1.4	0.8	4.7	
02	1.7	1.4	2.1	3.3	3.9	4.6	4.0P	2.0	2.3	2.4	3.6	4.9	4.4	5.0	4.3	4.1	3.7	2.9	1.7	0.6	0.6	1.6	2.5	2.6	0.6	5.0	
03	3.8	3.6	3.3	2.6	3.2	2.0	2.9P	4.1	2.6	2.3	4.2	5.0	4.6	4.9	3.7	4.1	3.9	3.1	2.5	1.5	1.4	1.2	1.4	0.4	5.0		
04	0.4	1.2	1.0	0.7	1.7	2.1	2.4P	1.9	2.2	3.8	4.2	5.2	6.3	5.2	4.6	4.1	3.5	2.5	2.5	0.8	1.0	1.2	1.4	1.3	0.4	6.3	
05	2.7	3.2	3.2	3.0	2.9	2.9	3.1P	2.6	3.3	2.5	3.0	4.1	5.0	5.9	5.0	4.4	4.3	3.8	2.4	1.0	1.3	1.3	1.1	1.9	1.0	5.9	
06	2.3	2.2	2.4	2.8	2.6	2.7	2.6P	2.4	2.4	4.7	4.0	4.4	4.2	5.7	7.0	5.7	6.1	5.8	3.8	3.8	2.1	2.6	2.4	2.1	2.1	7.0	
07	1.7	1.9	2.0	1.6	2.1	2.5	2.5P	2.3	2.8	4.2	2.4	6.4	6.6	6.6	6.2	5.9	4.6	4.0	2.5	1.9	1.3	0.6	1.1	1.3	0.6	6.6	
08	2.7	3.1	4.3	2.9	2.1	3.0	3.6P	3.0	2.9	3.8	4.7	5.3	5.6	5.9	5.9	5.5	4.4	4.1	3.1	1.5	2.1	1.2	2.2	2.5	1.2	5.9	
09	1.8	3.3	3.8	3.1	3.9	3.9	3.4P	3.4	1.9	2.7	3.7	4.9	4.8	5.6	5.3	5.5	3.4	2.2	2.7	2.7	1.9	3.1	2.7	2.5	1.8	5.6	
10	2.2	1.4	1.9	1.3	1.9	1.3	1.2P	1.1	2.0	3.2	3.9	3.6	5.3	7.9	6.1	4.3	4.1	4.3	4.1	3.8	1.2	1.0	0.9	1.1	1.0	0.9	7.9
11	1.4	2.8	2.0	3.0	2.9	2.7	2.8P	3.6	2.4	5.7	4.5	5.1	6.7	6.2	6.5	5.5	4.3	3.8	2.0	1.3	1.2	1.7	1.3	1.1	1.1	6.7	
12	1.7	2.3	3.1	3.6	3.0	2.6	2.4P	2.3	3.9	3.7P	4.1	5.0	4.8	5.4	5.7	4.5P	4.0P	3.8	2.5	1.3	1.4	1.3	1.1	1.5	1.1	5.7	
13	1.3	1.8	1.8	2.0	2.4	2.9	2.9P	1.7	2.1	2.5	4.0	4.7	5.6	5.9	5.1	4.6	3.8	3.5	3.0	1.6	1.3	1.9	1.3	1.3	1.3	5.9	
14	2.1	3.2	3.0	4.0	4.1	4.2	3.6P	2.7	3.4	4.5	3.3	4.3	5.8	4.1	3.6	3.4	3.1	3.0	2.1	2.8	3.5	3.6	3.8	3.8	2.1	5.8	
15	2.9	1.9	2.8	3.4	3.2	1.7	1.9P	2.0	1.7	1.2	3.2	4.2	4.0	3.0	3.5	3.8	1.2	2.3	2.1	2.2	2.7	3.6	3.8	3.3	1.2	4.2	
16	2.5	4.0	2.8	2.8	3.0	3.6	3.5P	2.2	2.4	3.1	5.1	6.7	4.3	3.9	4.7	3.0	2.1	3.6	3.4	2.2	2.5	2.1	2.9	2.9	2.1	6.7	
17	2.7	2.6	3.3	3.1	2.5	2.9	2.3P	1.4	2.1	3.4	2.5	3.7	3.7	4.5	5.5	3.0	4.5	3.6	1.5	1.5	1.7	2.4	2.0	3.0	1.4	5.5	
18	3.0	3.0	1.7	1.6	3.4	3.3	3.0P	1.7	2.2	2.8	3.5	4.1	5.0	4.3	2.8	3.8	3.8	2.5	1.2	1.8	1.8	2.5	1.5	1.3	1.2	5.0	
19	1.9	1.7	1.8	2.6	2.1	2.2	2.2P	1.6	2.3	3.2	3.6	3.2	3.3	3.7	2.4	2.2	2.7	1.1	1.6	0.6	1.8	2.3	1.6	1.3	0.6	3.7	
20	1.7	1.7	1.8	2.0	1.9	2.2	2.1P	0.8	1.6	2.8	3.2	3.4	3.7	3.0	2.8	2.5	1.3	0.4	0.9	1.3	2.1	2.5	3.4	2.8	0.4	3.7	
21	2.3	2.7	3.0	3.7	3.7	4.1	3.7P	2.6	1.5	1.9	3.8	4.3	4.4	4.5	4.3	1.7	1.7	2.7	2.3	2.3	3.1	3.2	3.7	3.9	1.5	4.5	
22	3.8	4.6	4.6	4.3	4.7	4.8	4.7P	2.4	1.7	3.3	4.2	3.7	4.7	2.8	2.7	3.1	5.0	4.1	3.8	4.5	4.3	3.2	4.8	5.5	1.7	5.5	
23	3.8	3.7	4.5	4.8	3.3	3.6	3.1P	1.8	3.5	3.5	1.7	1.9	3.4	3.2	3.2	2.4	2.7	1.9	1.7	1.1	1.2	2.8	3.5	3.6	1.1	4.8	
24	4.5	4.8	4.3	4.7	4.4	4.9	4.6P	1.9	3.3	4.7	5.0	5.5	5.0	5.0	4.6	4.7	3.2	2.3	1.9	0.6	1.4	0.9	1.8	3.6	0.6	5.5	
25	4.0	3.9	3.9	4.1	4.1	4.5	3.9P	2.1	2.2	2.8	4.4	5.1	4.9	3.9	3.1	3.0	2.9	1.2	1.4	0.9	1.7	1.5	2.2	2.3	0.9	5.1	
26	1.3	1.6	2.2	3.5	4.5	4.0	3.2P	2.9	2.7	2.4	4.3	2.9	3.0	1.8	2.7	1.9	1.6	2.7	2.4	1.8	3.6	2.9	4.4	4.3	1.3	4.5	
27	4.2	4.2	3.6	3.6	3.1	3.1	3.1P	2.6	3.2	2.4	2.5	5.5	7.7	7.0	7.9	6.0	5.5	4.2	2.9	0.8	2.3	2.3	2.9	3.0	0.8	7.9	
28	3.4	3.9	3.6	3.4	4.4	4.9	4.8P	2.2	1.8	2.1	3.4	2.7	5.0	4.6	4.8	4.5	4.0	2.9	2.1	1.3	1.0	1.2	1.1	1.6	1.0	5.0	
29	1.5	1.2	1.1	1.2	1.4	1.4	1.4P	1.4	2.1	2.4	2.8	3.5	3.8	3.6	3.4	3.5	3.8	2.5	2.1	0.8	1.2	1.3	1.6	1.7	0.8	3.8	
30	1.4	1.7	2.0	2.2	3.0	2.8	3.0P	2.9	2.4	3.0	3.9	3.5	5.4	4.6	4.6	3.8	3.2	2.9	2.9	1.5	0.6	0.6	1.1	2.1	0.6	5.4	
31	1.9	3.9	4.4	4.3	4.0	4.4	4.2P	1.8	2.2	2.3	3.6	3.6	4.3	4.7	4.7	5.0	3.7	3.4	1.9	2.2	2.2	1.9	1.1	0.9	0.9	5.0	

Flags: P = Power Failure - Valid Hour
 Monthly: Ave 3.0 Min 0.4 Max 7.9

Wind Speed (PA16)

Station/Facility: PA16
 Parameter: WS (MPH) Wind Speed
 Month/Year: May 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	3.8	3.4	4.2	4.1	4.6	4.6	5.7	2.8P	2.7	3.8	6.5	6.8	7.2	6.1	6.4	4.7	3.7	2.9	2.2	1.9	2.6	4.0	3.3	2.1	1.9	7.2
02	2.2	3.0	3.2	5.5	5.3	4.6	2.6	2.2P	2.6	5.8	6.0	6.7	6.5	5.4	5.3	3.6	4.3	3.0	2.5	1.8	2.2	1.7	2.2	2.2	1.7	6.7
03	3.1	3.0	2.6	2.6	3.1	3.9	2.8	1.6P	2.5	4.0	5.9	7.3	6.1	3.9	4.1	3.6	1.8	1.3	0.5	1.9	1.1	1.4	1.4	2.3	0.5	7.3
04	2.1	3.4	5.1	4.0	5.0	5.3	3.7	1.7P	3.6	5.7	6.2	6.3	5.2	4.0	4.4	4.4	4.5	2.8	2.1	2.4	1.8	1.3	2.0	2.4	1.3	6.3
05	3.0	3.9	5.0	4.6	3.4	4.2	4.0	2.3P	3.5	4.8	6.0	6.5	4.9	3.8	3.8	3.7	2.8	2.1	1.4	1.9	1.9	2.9	4.3	4.7	1.4	6.5
06	5.1	5.0	4.9	4.9	4.0	5.0	4.1	2.4P	5.2	6.5	5.3	5.0	5.2	5.5	6.1	3.8	2.9	2.9	2.4	3.2	3.5	3.9	3.8	3.5	2.4	6.5
07	3.8	3.8	4.7	4.2	4.6	5.0	3.6	4.4P	4.2	7.7	8.0	7.5	5.4	5.0	5.9	3.8	3.1	2.9	3.5	4.1	4.3	3.3	3.4	5.0	2.9	8.0
08	4.6	4.6	5.7	5.0	4.3	5.4	4.6	2.3P	1.8	5.3	7.4	9.0	9.1	3.9	4.4	4.5	3.5	2.6	2.3	2.4	3.3	4.1	3.2	4.4	1.8	9.1
09	3.9	3.1	2.4	4.1	4.7	4.6	3.6	1.1P	2.0	4.5	6.4	7.5	6.6	5.7	2.6	4.4	3.3	2.7	2.1	2.6	3.3	3.7	4.0	4.6	1.1	7.5
10	3.6	3.3	4.1	3.8	3.7	3.4	2.5	1.0P	2.1	3.0	7.1	5.0	4.8	4.4	6.1	2.5	2.9	3.3	4.6	3.8	3.4	2.9	2.8	3.6	1.0	7.1
11	3.3	4.1	4.3	3.2	3.9	5.0	3.4	2.8P	5.0	7.0	8.2	7.8	5.8	4.3	3.0	1.9	2.5	2.0	2.2	2.4	2.2	4.4	4.3	4.8	1.9	8.2
12	4.5	5.0	4.9	4.8	4.4	3.6	3.2	2.3P	4.0	5.3	6.0P	6.1	5.3	2.4	3.3	4.0	3.4	2.9	3.3	2.5	3.0	2.7	3.0	3.3	2.3	6.1
13	3.5	5.1	3.3	3.5	4.3	5.0	5.2	4.1P	3.9	6.5	7.8	6.6	6.2	5.7	4.8	3.5	4.3	3.6	4.5	2.1	2.8	2.7	3.1	3.2	2.1	7.8
14	3.6	5.4	4.6	3.4	5.2	3.3	2.3	2.6P	5.0	7.5	7.5	7.5	6.8	4.3	2.2	2.3	2.5	2.3	1.8	4.3	3.9	4.6	5.5	6.5	1.8	7.5
15	4.7	4.7	4.1	3.9	3.1	3.6	4.4	2.8P	2.7	3.6	5.4	6.5	5.3	5.2	5.7	5.5	3.9	2.2	1.6	3.5	6.7	7.3	5.5	4.6	1.6	7.3
16	4.1	5.1	4.6	4.3	4.6	4.9	4.6	2.5P	2.1	2.8	3.3	5.1	5.6	3.5	2.9	3.4	3.1	4.9	6.6	4.7	4.5	5.1	5.4	4.5	2.1	6.6
17	5.5	5.0	2.6	3.9	3.9	4.0	3.6	2.8P	1.8	3.3	2.2	2.6	3.2	4.8	3.0	2.8	1.9	1.7	1.7	2.7	2.7	2.9	4.2	3.7	1.7	5.5
18	3.2	3.0	3.0	2.5	3.4	3.1	2.6	1.0P	1.7	2.5	3.4	2.7	2.4	3.2	3.9	2.0	3.8	4.6	5.1	4.9	4.7	2.8	1.8	2.3	1.0	5.1
19	2.1	1.6	1.8	2.2	1.7	1.4	3.1	2.5P	2.2	2.4	2.2	2.8	2.5	3.7	4.8	4.7	5.0	4.1	2.9	2.1	3.8	3.1	4.5	4.2	1.4	5.0
20	4.4	4.4	4.7	4.5	4.7	4.6	3.7	0.8P	3.6	4.1	4.6	4.8	5.0	4.0	3.7	3.4	1.7	1.8	1.0	1.0	1.6	2.4	4.6	4.3	0.8	5.0
21	4.6	5.7	6.2	6.1	6.7	6.5	4.5	1.4P	1.9	4.0	5.3	5.1	5.9	6.0	4.7	4.9	3.8	3.5	5.8	6.1	4.7	3.7	4.9	5.1	1.4	6.7
22	4.6	6.0	5.1	5.6	5.2	5.3	4.3	3.7P	3.6	4.7	4.9	4.4	3.5	3.2	2.5	1.7	1.9	3.0	1.6	2.9	3.7	3.9	3.8	5.4	1.6	6.0
23	5.7	5.4	5.2	4.7	5.1	5.6	2.8	2.0P	3.6	6.0	7.0	6.8	5.3	6.8	6.8	5.1	4.5	2.7	2.8	1.2	1.2	0.8	1.2	2.1	0.8	7.0
24	3.1	3.6	5.2	5.7	5.7	5.0	4.7	2.5P	3.2	5.3	5.8	5.7	6.2	5.9	4.5	3.4	3.6	2.5	2.1	1.2	2.0	2.9	3.4	3.7	1.2	6.2
25	3.2	4.3	4.9	4.4	4.1	4.4	3.5	1.5P	2.2	2.8	4.0	6.2	5.0	5.9	5.1	3.0	2.8	1.4	2.2	3.3	3.2	3.9	3.3	1.1	1.1	6.2
26	1.7	2.0	1.2	2.6	3.5	3.5	4.8	2.3P	3.6	3.9	3.2	2.8	3.5	4.4	2.7	3.3	3.9	2.9	2.6	3.8	4.6	4.3	3.9	4.0	1.2	4.9
27	4.7	2.1	4.0	3.2	2.4	3.4	2.8	1.7P	1.6	2.8	4.8	4.5	4.2	4.9	4.5	3.8	2.8	2.5	1.0	1.8	2.7	3.0	2.4	2.3	1.0	4.9
28	2.9	3.2	4.0	4.4	5.2	5.3	4.8	1.3P	2.3	3.6	4.2	4.6	4.3	4.1	3.6	2.7	1.5	0.6	1.1	0.6	1.6	1.3	2.0	2.8	0.6	5.3
29	3.1	3.0	3.3	4.4	4.3	3.5	3.9	0.9P	1.8	3.4	4.1	3.5	4.1	3.6	3.9	3.1	2.4	2.1	1.3	3.8	2.1	2.7	3.4	3.6	0.9	4.4
30	3.1	2.8	2.1	3.1	2.3	3.2	2.0	1.3P	1.9	4.4	5.9	5.7	4.8	5.3	4.5	3.9	3.8	4.0	2.8	1.5	1.5	1.5	1.2	1.8	1.2	5.9
31	2.5	4.3	5.3	5.3	5.8	5.4	4.3	1.9P	2.3	4.5	6.4	5.9	5.6	5.3	4.3	4.7	3.9	1.9	1.6	1.6	1.8	1.3	1.6	1.6	1.3	6.4

Flags: P = Power Failure - Valid Hour
 Monthly: 3.8 Ave 0.5 Min 9.1 Max

Wind Speed (PE10)

Station/Facility: PE10
 Parameter: WS (MPH) Wind Speed
 Month/Year: May 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	0.9	1.0	0.7	0.4	0.4	0.3	2.6	6.4	4.1	3.4	3.7	4.5	5.2	4.5	4.9	4.7	4.9	4.6	3.2	2.0	2.0	1.4	0.5	0.5	0.3	6.4
02	0.5	0.7	0.6	0.3	0.3	0.3	0.3	1.3	2.7	3.0	4.1	5.3	5.2	5.6	5.5	4.6	4.2	3.3	1.8	0.3	0.3	0.4	0.5	0.4	0.3	5.6
03	0.3	0.4	0.3	0.5	0.4	0.4	0.4	0.7	2.8	3.8	3.6	4.5	3.8	5.1	4.9	4.6	3.8	2.6	1.1	0.3	0.6	0.4	0.3	0.3	0.3	5.1
04	0.3	0.4	0.3	0.4	0.4	0.5	0.4	0.8	1.9	2.3	1.9	4.2	4.3	5.2	5.2	4.3	3.9	2.5	0.9	0.4	0.3	0.6	0.4	0.5	0.3	5.2
05	0.3	0.3	0.3	0.3	0.3	0.5	0.7	0.6	0.8	0.9	4.4	3.9	4.2	4.7	5.4	5.9	4.6	3.8	2.2	1.3	1.0	0.8	0.4	0.5	0.3	5.9
06	0.3	0.4	0.3	0.3	0.4	0.4	0.3	1.0	3.1	1.7	4.4	4.9	4.8	5.4	4.8	4.7	5.3	3.6	3.2	3.0	1.3	1.9	0.6	1.3	0.3	5.4
07	0.9	0.6	0.6	0.6	0.3	0.4	0.4	0.4	3.2	4.8	5.5	5.3	6.0	5.5	6.1	6.0	4.7	5.0	3.6	2.4	2.6	1.8	1.4	0.8	0.3	6.1
08	0.6	0.5	0.6	0.4	0.5	0.7	0.5	1.1	3.0	3.9	3.6	4.9	3.2	4.5	4.8	5.1	4.1	3.5	3.3	3.3	3.2	2.5	1.9	0.9	0.4	5.1
09	0.5	0.5	0.4	0.8	0.7	0.7	0.7	3.2	1.9	2.0	2.8	3.7	4.0	4.8	5.9	4.4	3.3	2.5	1.1	0.5	0.7	0.4	2.4	0.8	0.4	5.9
10	0.7	0.4	0.3	0.3	0.3	0.4	0.4	1.3	3.4	3.8	3.8	4.4	4.5	4.1	5.2	4.7	4.6	4.4	2.6	1.4	1.5	1.9	2.1	1.5	0.3	5.2
11	0.5	0.4	0.7	0.5	0.8	1.4	1.1	1.3	2.3	2.3	4.6	5.5	5.2	5.4	5.4	4.4	4.4	4.1	2.1	0.9	0.8	0.5	1.4	0.5	0.4	6.3
12	0.5	0.3	0.4	0.3	0.3	0.3	0.3	1.5	2.6	2.7	4.1	4.9	6.0	5.1	5.0	5.2	4.3	3.7	2.9	2.2	1.9	1.7	0.8	0.4	0.3	6.0
13	0.3	0.6	0.6	0.4	0.3	0.3	0.3	0.8	1.9	3.2	4.1	3.4	4.6	4.7	4.6	4.7	4.6	3.6	2.8	1.8	1.5	1.9	0.9	0.6	0.3	4.7
14	0.4	0.4	0.7	0.6	0.4	0.4	0.6	0.6	2.5	4.7	4.2	5.6	5.4	5.2	4.5	4.4	3.0	1.6	1.5	0.5	0.5	0.3	0.3	0.3	0.3	5.6
15	0.5	0.8	1.1	0.4	1.3	1.1	1.6	1.5	1.8	0.9	2.9	0.9	3.5	4.8	3.9	4.2	3.4	1.8	0.7	0.4	0.5	0.6	0.6	0.3	0.3	4.8
16	0.3	0.4	0.3	0.3	0.3	0.5	0.6	0.5	1.6	2.3	3.5	3.8	4.7	3.2	3.9	3.8	3.2	2.1	1.4	0.6	0.5	0.3	0.4	0.3	0.3	4.7
17	0.5	0.3	0.3	0.3	0.3	1.1	0.5	0.5	0.7	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	0.3	1.1
18	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p
19	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0.6P	1.2	2.4	2.7	2.4	1.5	0.8	2.1	1.8	9980b	9980b	9980b	9980b	9980b	9980b	9980b	0.6	2.7
20	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
21	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	3.9	4.3P	4.0	4.4	3.3	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	3.3	4.4
22	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	3.4P	4.1	4.0	4.0	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	4.1
23	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
24	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
25	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p
26	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0.2	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	0.2	0.2
27	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	4.2P	5.0	4.3	4.4	4.4	3.9	3.1	1.2	0.5	0.4	0.3	0.4	0.4	0.3	5.0
28	0.4	0.4	0.3	0.3	0.3	0.3	0.3	1.0	2.9	3.5	3.5	3.4	3.7P	3.6P	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	9980b	0.3	3.7
29	0.3	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	3.0P	1.5	0.6	0.3	0.3	0.3	0.3	9980b	0.3	3.0
30	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
31	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p	9978p

Flags: Monthly: 2.2 Ave 0.2 6.4 Max
 b = Bad Condition - Invalid Hour (9980)
 P = Power Failure - Valid Hour
 p = Power Failure - Invalid Hour (9978)