Current Time: 5:29 AM

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "C" (1000 Area)

10/21/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHum gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	5.6	6.3	7.2	.7	1.6	5.1	14.0	97.4	6.8
01:00	5.0	5.8	6.7	.7	1.7	4.5	13.7	97.4	6.6
02:00	4.9	5.6	6.4	.7	1.5	4.4	13.3	97.4	6.5
03:00	4.3	5.1	5.9	.8	1.6	3.9	13.0	97.4	6.3
04:00	4.7	4.9	5.5	.2	.8	4.2	12.7	97.5	6.4
05:00	4.9	4.9	5.1	.0	.2	4.4	12.6	97.5	6.5
06:00	4.9	4.8	4.8	-.1	-.1	4.4	12.5	97.5	6.5
07:00	4.8	4.6	4.4	-.1	-.4	4.3	12.4	97.5	6.5
08:00	5.0	4.8	4.2	-.2	-.8	4.5	12.4	97.5	6.6
09:00	5.8	5.6	4.9	-.2	-.9	5.4	12.4	97.6	7.0
10:00	8.1	7.5	7.2	-.5	-.9	7.4	12.6	96.5	7.9
11:00	10.7	10.6	10.0	-.1	<	6.1	13.2	74.3	7.2
12:00	13.0	14.6	13.8	1.6	.8	6.3	13.7	64.6	7.3
13:00	17.2	17.0	16.1	-.3	-1.1	7.2	14.7	52.7	7.6
14:00	18.6	18.2	17.2	-.3	-1.4	5.6	15.5	43.6	6.9
15:00	19.3	19.0	17.8	-.3	-1.5	4.4	16.2	38.2	6.3
16:00	19.2	19.0	18.1	-.2	-1.1	5.0	16.6	39.7	6.5
17:00	18.2	18.4	18.1	.1	-.1	6.5	16.8	47.4	7.3
18:00	15.5	16.7	17.2	1.2	1.7	9.2	16.8	67.1	8.8
19:00	13.0	14.5	15.6	1.5	2.6	9.6	16.6	81.0	9.1
20:00	11.9	13.2	14.7	1.3	2.8	9.7	16.2	87.6	9.2
21:00	11.0	12.2	13.9	1.3	2.9	10.0	15.8	95.1	9.4
22:00	10.3	11.1	12.2	.8	1.9	9.7	15.4	97.3	9.2
23:00	9.8	10.5	11.8	.7	2.0	9.2	15.0	97.4	8.9
Avg	10.2	10.6	10.8	.4	.6	6.3	14.3	81.6	7.4
Max	19.3	19.0	18.1	1.6	2.9	10.0	16.8	97.6	9.4
Hr. of Max	15	16	17	12	21	21	18	09	21
Min	4.3	4.6	4.2	-.5	-1.5	3.9	12.4	38.2	6.3
Count	24	24	24	24	23	24	24	24	24
Total									

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Interval: 001h

	14_Mix Ratio	15_Vapor Pr	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m	29_Sigma_10m
Hour	None	KPa	INCHES	INHG	W/M2	DEG	DEG	DEG	DEG
00:00	0.005591	8.8	.00	29.10	-2.7	352	65	72	6
01:00	0.005384	8.5	.00	29.10	-3.0	351	69	38	3
02:00	0.005334	8.4	.00	29.10	-2.8	352	65	48	9
03:00	0.005125	8.1	.00	29.11	-2.8	318	82	50	6
04:00	0.005241	8.2	.00	29.11	-3.0	29	56	56	4
05:00	0.005336	8.4	.00	29.12	-2.9	40	55	62	13
06:00	0.005333	8.4	.00	29.13	-2.6	25	43	63	14
07:00	0.005285	8.3	.00	29.14	-1.6	2	27	77	15
08:00	0.005353	8.4	.00	29.15	29.9	6	28	76	19
09:00	0.005696	9.0	.00	29.16	152.0	60	58	56	24
10:00	0.006553	10.3	.00	29.16	450.7	120	125	21	17
11:00	0.006018	9.5	.00	29.16	599.2	168	177	202	24
12:00	0.006107	9.6	.00	29.14	676.6	192	198	215	24
13:00	0.006526	10.2	.00	29.12	712.6	232	234	224	24
14:00	0.005887	9.2	.00	29.09	692.2	227	228	222	23
15:00	0.005408	8.5	.00	29.07	432.3	227	232	227	19
16:00	0.005613	8.8	.00	29.06	288.7	235	238	231	18
17:00	0.006269	9.8	.00	29.06	161.9	268	248	231	16
18:00	0.007465	11.7	.00	29.05	36.4	299	238	228	5
19:00	0.007678	12.0	.00	29.05	-1.5	298	230	231	2
20:00	0.007724	12.1	.00	29.06	-2.1	277	216	268	5
21:00	0.007886	12.3	.00	29.05	-2.3	315	250	257	6
22:00	0.007717	12.1	.00	29.05	-2.4	303	64	202	5
23:00	0.007474	11.7	.00	29.05	-1.9	335	345	202	8
Avg	0.006167	9.7	.00	29.10	175.0	317	112	181	13
Max	0.007886	12.3	.00	29.16	712.6	352	345	268	24
Hr. of Max	21	21	23	11	13	02	23	20	13
Min	0.005125	8.1	.00	29.05	-3.0	2	27	21	2
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	30_Sigma_30m	31_Sigma_100m	35_WSpd_10m	36_WSpd_30m	37_WSpd_100m	44_PkWd_10m	45_PkWd_30m	46_PkWd_100m
Hour	DEG	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	3	2	.3	.7	2.9	1.6	1.8	4.6
01:00	1	2	.3	.7	3.4	1.6	2.2	4.4
02:00	4	2	.3	1.0	3.1	1.8	3.4	6.9
03:00	10	2	.3	.7	2.9	2.1	2.1	8.5
04:00	4	3	.4	1.3	3.3	2.1	3.9	6.4
05:00	8	2	1.0	2.7	4.8	3.0	6.9	11.0
06:00	11	4	1.4	2.6	3.2	3.4	7.8	6.6
07:00	15	5	1.2	2.2	3.0	3.2	4.8	6.6
08:00	19	8	1.4	1.7	2.4	3.7	5.7	6.2
09:00	20	8	1.4	1.6	2.4	4.4	5.0	4.8
10:00	17	16	2.0	2.1	2.3	4.6	4.1	4.2
11:00	23	25	2.2	2.2	2.2	6.4	6.0	6.0
12:00	19	17	3.1	3.4	4.0	7.3	7.8	11.0
13:00	20	17	4.6	5.4	7.2	14.4	17.2	16.3
14:00	20	9	6.3	8.0	10.5	15.1	17.4	23.1
15:00	16	11	5.2	6.5	8.3	15.3	16.9	19.5
16:00	15	8	4.7	6.2	8.8	11.2	13.7	16.9
17:00	12	6	2.0	3.5	7.3	7.3	10.1	16.9
18:00	7	2	1.4	2.0	7.9	2.3	6.0	14.2
19:00	10	2	.8	1.3	6.7	2.1	3.0	16.7
20:00	11	4	.9	1.7	9.3	2.5	3.9	15.8
21:00	14	3	.8	1.2	4.9	2.1	2.1	15.3
22:00	14	2	.4	.8	3.9	2.1	3.0	5.5
23:00	14	4	.6	1.0	2.9	2.1	3.5	7.6
Avg	13	7	1.8	2.5	4.9	5.1	6.6	10.6
Max	23	25	6.3	8.0	10.5	15.3	17.4	23.1
Hr. of Max	11	11	14	14	14	15	14	14
Min	1	2	.3	.7	2.2	1.6	1.8	4.2
Count	24	24	24	24	24	24	24	24
Total								