Current Time: 10:05 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/29/2013

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	4.4	4.3	4.3	-.1	-.1	3.9	4.3	97.5	6.3
01:00	4.6	4.6	4.5	.0	-.1	4.1	4.3	97.5	6.4
02:00	4.5	4.7	4.6	.1	.1	4.1	4.4	97.5	6.4
03:00	4.6	4.7	4.7	.1	.1	4.2	4.4	97.5	6.4
04:00	4.8	4.8	5.1	.0	.3	4.3	4.5	97.6	6.5
05:00	5.0	5.0	5.0	.0	.0	4.5	4.6	97.6	6.6
06:00	5.1	5.0	5.0	-.1	-.1	4.7	4.6	97.6	6.6
07:00	5.3	5.2	5.1	-.1	-.2	4.8	4.7	97.6	6.7
08:00	5.4	5.3	5.1	-.1	-.3	4.9	4.7	97.7	6.8
09:00	5.5	5.3	5.1	-.2	-.4	5.1	4.8	97.7	6.8
10:00	6.3	6.1	5.6	-.2	-.7	5.8	4.9	97.7	7.2
11:00	7.0	6.8	6.1	-.2	-.9	6.5	5.2	97.8	7.5
12:00	7.5	7.3	6.7	-.2	-.8	7.0	5.5	97.8	7.7
13:00	7.7	7.6	7.1	-.1	-.6	7.3	5.8	97.8	7.9
14:00	8.1	8.0	7.4	-.2	-.8	7.6	6.0	97.5	8.1
15:00	8.5	8.3	7.8	-.1	-.7	7.8	6.2	96.9	8.2
16:00	8.4	8.3	7.9	-.1	-.5	6.8	6.3	90.9	7.6
17:00	7.5	7.7	7.7	.1	.2	5.7	6.4	89.3	7.1
18:00	6.1	6.7	6.9	.6	.8	5.5	6.3	96.8	7.0
19:00	5.3	5.9	5.9	.6	.6	4.8	6.1	97.1	6.7
20:00	3.9	5.0	5.2	1.1	1.3	3.4	5.8	97.3	6.1
21:00	4.0	4.8	5.3	.7	1.3	3.5	5.5	97.4	6.2
22:00	4.1	4.9	5.1	.7	1.0	3.6	5.4	97.4	6.2
23:00	4.4	5.0	5.1	.6	.7	3.9	5.3	97.4	6.3
Avg	5.8	5.9	5.8	.1	.0	5.2	5.3	96.9	6.9
Max	8.5	8.3	7.9	1.1	1.3	7.8	6.4	97.8	8.2
Hr. of Max	15	16	16	20	21	15	17	13	15
Min	3.9	4.3	4.3	-.2	-.9	3.4	4.3	89.3	6.1
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	0.005151	8.1	.23	28.99	-1.7	61	31	35	26
01:00	0.005256	8.2	.11	28.97	-2.0	235	29	7	14
02:00	0.005229	8.2	.08	28.95	-1.2	268	20	6	18
03:00	0.005268	8.2	.14	28.92	-1.9	244	255	353	9
04:00	0.005333	8.3	.08	28.93	-1.2	250	241	242	12
05:00	0.005403	8.4	.03	28.93	-1.9	234	232	250	10
06:00	0.005463	8.5	.04	28.95	-2.0	229	233	235	14
07:00	0.005523	8.6	.02	28.94	-2.0	232	235	230	13
08:00	0.005563	8.7	.03	28.96	10.2	225	235	244	13
09:00	0.005605	8.8	.04	28.98	43.3	217	219	216	18
10:00	0.005909	9.2	.00	28.98	110.0	226	225	218	17
11:00	0.006212	9.7	.00	28.99	122.7	226	230	229	15
12:00	0.006413	10.0	.00	28.98	97.5	217	222	222	13
13:00	0.006539	10.2	.00	28.98	48.6	232	231	220	17
14:00	0.006704	10.5	.00	28.97	81.6	212	215	218	14
15:00	0.006802	10.6	.00	28.98	62.4	223	228	232	14
16:00	0.006351	9.9	.00	28.99	41.5	241	243	242	16
17:00	0.005878	9.2	.00	29.01	7.9	256	255	252	11
18:00	0.005756	9.0	.00	29.03	-1.9	267	239	243	5
19:00	0.005476	8.6	.00	29.05	-2.2	266	244	241	7
20:00	0.004974	7.8	.00	29.07	-2.3	337	22	277	8
21:00	0.005016	7.9	.00	29.06	-2.5	296	6	206	16
22:00	0.005057	7.9	.00	29.07	-2.3	266	261	180	6
23:00	0.005157	8.1	.00	29.07	-2.3	249	249	213	11
Avg	0.005668	8.9	.03	28.99	24.9	244	247	240	13
Max	0.006802	10.6	.23	29.07	122.7	337	261	353	26
Hr. of Max	15	15	00	23	11	20	22	03	00
Min	0.004974	7.8	.00	28.92	-2.5	61	6	6	5
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	23	12	2.2	3.2	7.5	10.5	15.6	29.3
01:00	18	17	1.1	1.2	5.7	3.7	4.4	13.5
02:00	16	22	1.1	1.0	4.6	6.6	6.9	8.7
03:00	5	9	1.8	2.3	2.3	5.3	6.4	10.1
04:00	15	12	2.2	3.0	3.3	6.0	10.3	7.6
05:00	5	2	2.1	3.4	5.6	4.1	7.1	13.5
06:00	8	3	3.3	5.6	9.3	8.9	10.3	15.6
07:00	8	4	2.9	4.8	8.5	6.9	10.1	17.2
08:00	9	5	3.7	5.8	9.5	7.6	13.5	19.2
09:00	15	6	3.2	5.1	9.7	8.7	11.4	22.0
10:00	17	10	3.7	4.8	7.8	10.3	11.9	17.6
11:00	14	8	4.0	5.0	7.2	9.2	10.3	20.6
12:00	11	6	3.7	4.8	7.2	9.4	9.4	15.8
13:00	14	6	2.5	3.8	7.2	6.9	13.7	18.8
14:00	12	7	2.7	3.6	6.5	6.2	9.8	14.0
15:00	12	7	3.3	4.8	7.6	7.8	9.4	14.4
16:00	12	6	3.5	5.3	8.7	9.2	11.2	14.0
17:00	9	5	2.7	4.7	8.9	14.2	19.0	17.6
18:00	4	3	1.6	3.2	8.9	4.1	6.2	19.7
19:00	7	4	2.0	4.4	9.2	5.5	10.5	24.0
20:00	8	4	.7	.8	5.7	3.4	3.0	14.2
21:00	16	5	.7	1.0	2.2	2.5	2.5	9.6
22:00	5	3	1.1	1.9	5.0	4.8	4.6	10.1
23:00	7	3	.8	1.1	3.7	1.8	2.5	8.5
Avg	11	7	2.4	3.5	6.7	6.8	9.2	15.7
Max	23	22	4.0	5.8	9.7	14.2	19.0	29.3
Hr. of Max	00	02	11	08	09	17	17	00
Min	4	2	.7	.8	2.2	1.8	2.5	7.6
Count	24	24	24	24	24	24	24	24
Total								