Current Time: 6:48 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/14/2013

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	-2.6	-1.8	-1.1	.9	1.5	-5.3	6.0	82.6	3.3
01:00	-3.4	-2.6	-1.7	.7	1.7	-5.4	5.7	86.0	3.3
02:00	-3.7	-3.0	-2.2	.7	1.5	-5.0	5.5	90.8	3.4
03:00	-4.4	-3.5	-3.0	.9	1.4	-5.2	5.3	94.5	3.3
04:00	-4.4	-3.7	-2.7	.7	1.7	-4.9	5.1	96.6	3.4
05:00	-4.4	-3.7	-3.1	.6	1.3	-4.9	4.9	96.8	3.4
06:00	-3.4	-3.2	-3.2	.2	.2	-3.9	4.7	96.8	3.7
07:00	-4.0	-3.4	-3.4	.6	.6	-4.5	4.7	96.9	3.5
08:00	-3.2	-3.3	-3.0	-.1	.2	-4.4	4.6	91.8	3.5
09:00	.4	-.5	-.6	-.9	-1.0	-3.7	4.7	74.3	3.7
10:00	3.8	3.3	2.2	-.4	-1.6	-4.7	5.2	54.8	3.4
11:00	6.1	5.9	4.7	-.2	-1.4	-5.8	5.8	42.9	3.1
12:00	8.5	8.2	7.2	-.2	-1.3	-6.9	6.5	33.6	2.8
13:00	10.1	9.8	8.9	-.3	-1.3	-8.3	7.2	27.0	2.5
14:00	11.2	10.9	10.0	-.3	-1.2	-8.5	8.0	24.8	2.5
15:00	12.1	11.8	10.9	-.2	-1.2	-9.3	8.5	22.1	2.4
16:00	12.2	12.2	11.1	.0	-1.1	-9.2	8.8	22.1	2.4
17:00	9.9	10.8	10.6	.8	.7	-7.5	8.8	29.1	2.7
18:00	6.8	8.0	9.6	1.2	2.8	-7.3	8.5	36.4	2.8
19:00	4.7	6.1	8.3	1.3	3.5	-6.1	8.0	45.7	3.0
20:00	3.0	4.3	7.2	1.4	4.2 +	-5.1	7.6	56.1	3.3
21:00	1.6	3.0	5.6	1.4	<	-5.3	7.2	60.8	3.3
22:00	.4	1.9	3.5	1.4	3.1	-5.3	6.8	65.9	3.3
23:00	-.2	.9	3.3	1.2	3.4 +	-4.8	6.5	71.6	3.4
Avg	2.4	2.9	3.3	.5	.8	-5.9	6.4	62.5	3.1
Max	12.2	12.2	11.1	1.4	4.2	-3.7	8.8	96.9	3.7
Hr. of Max	16	16	16	22	20	09	17	07	09
Min	-4.4	-3.7	-3.4	-.9	-1.6	-9.3	4.6	22.1	2.4
Count	24	24	24	24	23	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	0.002589	4.1	.00	29.45	-2.7	52	57	47	14
01:00	0.002557	4.1	.00	29.44	-3.0	309	342	82	9
02:00	0.002637	4.2	.00	29.44	-3.1	300	59	88	8
03:00	0.002594	4.1	.00	29.44	-3.2	281	340	196	7
04:00	0.002664	4.3	.00	29.44	-3.1	353	61	21	5
05:00	0.002664	4.3	.00	29.45	-2.9	28	48	73	4
06:00	0.00286	4.6	.00	29.45	-3.1	28	41	87	6
07:00	0.002736	4.4	.00	29.45	14.5	253	59	81	6
08:00	0.002764	4.4	.00	29.47	145.5	189	89	84	9
09:00	0.002915	4.7	.00	29.47	400.1	132	114	64	16
10:00	0.002727	4.4	.00	29.46	510.3	159	160	167	27
11:00	0.002516	4.0	.00	29.44	602.6	227	231	226	20
12:00	0.002318	3.7	.00	29.41	642.4	215	224	217	20
13:00	0.002085	3.3	.00	29.37	603.0	231	230	216	23
14:00	0.002068	3.3	.00	29.34	446.4	191	206	207	23
15:00	0.001953	3.1	.00	29.32	322.0	205	215	207	29
16:00	0.001969	3.1	.00	29.31	147.4	269	261	239	13
17:00	0.002222	3.5	.00	29.30	7.7	342	327	260	7
18:00	0.00225	3.6	.00	29.30	-1.8	328	50	227	7
19:00	0.002453	3.9	.00	29.30	-2.1	14	84	228	15
20:00	0.002656	4.2	.00	29.30	-2.2	10	61	211	8
21:00	0.002612	4.2	.00	29.30	-2.5	332	57	185	7
22:00	0.002601	4.1	.00	29.31	-2.6	318	88	211	4
23:00	0.002693	4.3	.00	29.30	-1.7	70	72	219	7
Avg	0.002504	4.0	.00	29.39	158.7	303	66	180	12
Max	0.002915	4.7	.00	29.47	642.4	353	342	260	29
Hr. of Max	09	09	23	09	12	04	01	17	15
Min	0.001953	3.1	.00	29.30	-3.2	10	41	21	4
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	6	2	.7	1.0	2.5	3.7	3.4	4.1
01:00	9	2	.8	1.2	3.1	3.4	2.5	4.8
02:00	7	2	1.2	1.6	2.5	3.2	3.0	4.8
03:00	6	6	.6	.7	.7	5.0	5.3	2.5
04:00	4	18	.5	.9	1.7	1.8	2.1	3.7
05:00	3	3	.6	1.1	2.9	1.6	3.0	4.8
06:00	9	3	.7	2.0	4.9	1.8	4.6	7.1
07:00	11	2	1.1	1.5	4.5	2.3	2.5	8.9
08:00	23	6	1.2	1.6	3.7	2.5	2.3	6.6
09:00	24	13	1.7	1.9	2.3	4.1	4.6	6.2
10:00	30	30	1.8	2.0	2.7	5.3	5.0	5.5
11:00	20	13	3.9	4.4	5.0	9.6	11.2	10.3
12:00	16	12	5.1	6.1	7.5	12.4	13.7	14.2
13:00	19	18	4.6	5.5	6.4	10.8	12.6	13.7
14:00	24	14	3.6	3.9	4.4	10.1	11.0	11.9
15:00	30	27	2.0	1.9	2.6	6.9	7.6	8.9
16:00	12	11	1.9	2.3	3.1	7.8	9.2	8.9
17:00	8	4	.6	.8	1.9	3.4	4.6	7.8
18:00	12	5	.2	.2	1.6	1.6	3.9	4.1
19:00	1	2	.3	.6	3.9	1.4	2.0	6.0
20:00	2	2	.2	.5	2.8	1.1	2.1	6.2
21:00	3	3	.3	.5	2.1	1.4	2.1	6.2
22:00	0	6	.2	.2	2.1	1.6	1.0	5.0
23:00	3	4	.3	.6	3.6	1.1	2.3	8.7
Avg	12	9	1.4	1.8	3.3	4.3	5.1	7.1
Max	30	30	5.1	6.1	7.5	12.4	13.7	14.2
Hr. of Max	15	10	12	12	12	12	12	12
Min	0	2	.2	.2	.7	1.1	1.0	2.5
Count	24	24	24	24	24	24	24	24
Total								