Current Time: 7:02 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/7/2014

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	-15.6	-15.8	-16.4	-.2	-.8	-20.0	1.5	68.9	1.0
01:00	-16.1	-16.4	-16.8	-.2	-.7	-22.6	1.5	57.7	.8
02:00	-16.6	-16.9	-17.3	-.2	-.7	-23.1	1.4	57.3	.8
03:00	-17.0	-17.2	-17.7	-.2	-.7	-22.6	1.3	62.2	.8
04:00	-17.9	-17.6	-17.8	.3	.1	-21.4	1.2	73.8	.9
05:00	-18.3	-17.6	-17.8	.7	.5	-21.3	1.2	77.5	.9
06:00	-18.0	-17.5	-17.9	.4	-.1	-21.1	1.1	76.9	1.0
07:00	-18.1	-17.8	-17.9	.2	.2	-21.0	1.0	78.0	1.0
08:00	-17.3	-17.4	-17.7	-.1	-.4	-22.1	1.0	66.5	.9
09:00	-16.0	-16.2	-16.7	-.2	-.7	-23.7	.9	52.0	.8
10:00	-15.1	-15.3	-15.8	-.2	-.7	-23.8	.8	47.8	.8
11:00	-14.2	-14.5	-14.9	-.3	-.7	-23.4	.8	45.9	.8
12:00	-12.3	-12.8	-13.3	-.4	-1.0	-22.0	.8	44.9	.9
13:00	-11.0	-11.4	-12.0	-.4	-1.0	-21.4	.8	42.3	.9
14:00	-9.9	-10.3	-10.6	-.3	-.7	-21.3	.8	39.2	.9
15:00	-8.7	-9.2	-10.0	-.5	-1.3	-20.6	.8	37.8	1.0
16:00	-8.4	-8.6	-9.7	-.3	-1.3	-20.6	.8	36.8	1.0
17:00	-8.6	-8.8	-9.4	-.1	-.8	-18.9	.8	43.5	1.1
18:00	-9.3	-9.3	-9.5	.0	-.2	-17.3	.8	52.4	1.3
19:00	-10.0	-9.8	-9.8	.3	.2	-16.5	.7	59.4	1.4
20:00	-10.8	-10.0	-10.0	.8	.8	-15.8	.7	66.9	1.5
21:00	-11.4	-10.2	-10.2	1.1	1.2	-15.7	.7	70.5	1.5
22:00	-11.6	-10.8	-10.2	.8	1.4	-15.3	.6	74.3	1.5
23:00	-12.4	-11.3	-10.6	1.1	1.8	-15.1	.6	80.2	1.6
Avg	-13.5	-13.4	-13.8	.1	-.2	-20.3	.9	58.9	1.0
Max	-8.4	-8.6	-9.4	1.1	1.8	-15.1	1.5	80.2	1.6
Hr. of Max	16	16	17	23	23	23	01	23	23
Min	-18.3	-17.8	-17.9	-.5	-1.3	-23.8	.6	36.8	.8
Count	24	24	24	24	24	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	0.000779	1.2	.00	29.45	-4.2	275	287	289	22
01:00	0.000621	1.0	.00	29.47	-4.4	275	284	287	19
02:00	0.000593	1.0	.00	29.48	-4.4	260	266	282	19
03:00	0.00062	1.0	.00	29.48	-4.2	235	248	288	17
04:00	0.000688	1.1	.00	29.47	-4.0	290	208	273	7
05:00	0.000695	1.1	.00	29.46	-4.4	282	262	271	5
06:00	0.000708	1.1	.00	29.47	-4.9	278	287	296	9
07:00	0.000711	1.1	.00	29.51	-2.2	237	234	275	13
08:00	0.000647	1.0	.00	29.53	43.3	205	216	251	14
09:00	0.000563	.9	.00	29.55	265.6	259	260	260	20
10:00	0.00056	.9	.00	29.55	409.1	276	282	275	29
11:00	0.000582	.9	.00	29.52	518.6	101	26	333	27
12:00	0.000661	1.1	.00	29.48	577.4	152	161	247	28
13:00	0.000698	1.1	.00	29.45	560.6	143	133	101	30
14:00	0.000703	1.1	.00	29.44	467.8	153	156	188	24
15:00	0.000745	1.2	.00	29.45	289.6	162	170	183	20
16:00	0.000746	1.2	.00	29.45	164.9	204	214	208	24
17:00	0.000862	1.4	.00	29.45	16.7	232	232	230	14
18:00	0.000984	1.6	.00	29.44	-3.1	216	187	181	16
19:00	0.001053	1.7	.00	29.45	-3.3	277	220	182	8
20:00	0.001119	1.8	.00	29.46	-3.6	296	250	208	11
21:00	0.001126	1.8	.00	29.46	-3.6	262	237	230	8
22:00	0.001164	1.9	.00	29.47	-3.7	293	224	251	10
23:00	0.001178	1.9	.00	29.46	-3.8	259	251	239	7
Avg	0.000784	1.3	.00	29.48	135.8	243	233	248	17
Max	0.001178	1.9	.00	29.55	577.4	296	287	333	30
Hr. of Max	23	23	23	10	12	20	06	11	13
Min	0.00056	.9	.00	29.44	-4.9	101	26	101	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	20	12	5.2	6.6	10.7	16.9	19.5	22.9
01:00	17	11	8.0	10.1	15.7	19.9	22.0	32.1
02:00	18	12	4.5	5.6	10.0	15.3	22.7	30.0
03:00	14	11	1.7	2.0	4.1	6.9	6.6	11.7
04:00	7	8	1.3	1.3	3.1	3.0	4.6	6.0
05:00	3	3	2.0	2.3	4.4	3.0	4.6	7.8
06:00	8	4	1.8	3.2	7.2	4.1	8.2	14.0
07:00	7	9	1.6	3.2	5.7	4.1	8.5	17.9
08:00	11	11	2.5	3.4	4.8	6.2	6.4	10.5
09:00	16	15	4.7	5.4	6.2	10.8	12.4	13.1
10:00	27	25	3.6	3.8	4.4	10.8	11.9	13.1
11:00	26	24	3.0	2.8	3.0	10.5	8.2	8.9
12:00	28	34	3.5	3.2	3.2	12.4	9.8	9.4
13:00	33	28	3.0	2.8	3.4	10.5	11.0	11.4
14:00	23	31	3.6	3.3	3.8	10.3	11.7	12.1
15:00	18	17	4.5	5.0	5.6	11.4	11.4	11.2
16:00	15	11	3.3	3.9	4.8	8.2	8.0	10.5
17:00	11	6	2.5	3.8	5.4	6.0	7.6	7.8
18:00	11	4	1.4	2.6	6.0	5.3	7.1	13.3
19:00	8	4	1.5	2.0	5.6	2.7	3.4	13.1
20:00	6	4	1.1	1.7	6.1	2.5	5.7	10.3
21:00	3	3	1.4	1.9	6.5	2.3	3.2	12.4
22:00	7	5	1.4	1.7	5.0	3.4	3.0	10.8
23:00	8	2	1.2	1.5	5.1	3.9	5.5	14.4
Avg	14	12	2.8	3.5	5.8	7.9	9.3	13.5
Max	33	34	8.0	10.1	15.7	19.9	22.7	32.1
Hr. of Max	13	12	01	01	01	01	02	01
Min	3	2	1.1	1.3	3.0	2.3	3.0	6.0
Count	24	24	24	24	24	24	24	24
Total								