Current Time: 7:45 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/31/2014

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	-4.5	-1.1	.0	3.4	4.5	-10.7	.9	62.1	2.2
01:00	-4.6	-.9	-.2	3.6	4.8	-9.7	.9	67.4	2.4
02:00	-4.4	-1.8	-.4	2.5	4.0	-9.3	.9	68.9	2.4
03:00	-4.9	-2.6	-.6	2.3	4.3	-9.1	.8	72.6	2.5
04:00	-5.5	-3.7	-.8	1.8	4.7	-9.2	.8	75.5	2.5
05:00	-6.1	-4.6	-1.4	1.5	4.7	P	.8 P	80.3 P	2.5 P
06:00	-6.6	-5.4	-2.2	1.3	4.4	-9.0	.8	83.9	2.5
07:00	-6.7	-5.4	-2.0	1.3	4.7	-8.6	.8	86.9	2.6
08:00	-5.8	-4.4	-2.0	1.4	3.8	-8.8	.7	79.7	2.6
09:00	-2.8	-2.8	-2.0	.0	.8	-6.9	.7	73.9	2.9
10:00	-.2	-.5	-1.1	-.4	-.9	-8.0	.7	56.5	2.7
11:00	1.8	1.5	.6	-.3	-1.2	-9.8	.7	42.4	2.3
12:00	3.7	3.4	2.4	-.2	-1.3	-10.1	.7	36.3	2.2
13:00	5.6	5.4	4.6	-.2	-1.0	-10.2	.7	31.6	2.2
14:00	6.9	6.7	5.8	-.2	-1.1	-9.7	.7	30.0	2.3
15:00	7.9	7.7	6.9	-.2	-1.0	-8.6	.7	30.5	2.5
16:00	8.7	8.4	7.8	-.3	-.9	-7.5	.7	31.4	2.7
17:00	8.4	8.4	7.6	.0	-.8	-6.0	.7	36.0	3.0
18:00	6.5	7.1	6.9	.6	.4	-5.9	.7	41.3	3.1
19:00	3.9	5.3	6.1	1.4	2.2	-5.6	.8	50.4	3.2
20:00	2.5	4.1	5.6	1.7	3.1	-5.2	.8	57.2	3.3
21:00	1.8	2.9	5.0	1.1	3.2	-4.6	.8	62.8	3.4
22:00	.5	2.1	4.4	1.5	3.9	-4.8	.8	68.1	3.4
23:00	-.5	1.3	3.3	1.8	3.8	-4.7	.8	73.8	3.4
Avg	.2	1.3	2.3	1.1	2.0	-7.9	.8	58.3	2.7
Max	8.7	8.4	7.8	3.6	4.8	-4.6	.9	86.9	3.4
Hr. of Max	16	17	16	01	01	21	02	07	23
Min	-6.7	-5.4	-2.2	-.4	-1.3	-10.7	.7	30.0	2.2
Count	24	24	24	24	24	23	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	0.001709	2.7	.00	29.17	-3.1	259	263	259	12
01:00	0.001848	2.9	.00	29.18	-3.0	260	252	271	14
02:00	0.001916	3.0	.00	29.18	-3.0	280	223	269	12
03:00	0.001936	3.1	.00	29.18	-3.3	269	239	274	21
04:00	0.001923	3.0	.00	29.18	-2.9	286	237	267	6
05:00	0.00195 P	3.1 P	.00 P	29.19 P	-3.1 P	301 P	271 P	225 P	13 P
06:00	0.001958	3.1	.00	29.20	-3.4	32	136	184	6
07:00	0.00201	3.2	.00	29.23	3.9	38	52	155	11
08:00	0.001987	3.2	.00	29.24	74.6	74	48	113	7
09:00	0.002306	3.7	.00	29.25	177.9	93	60	90	16
10:00	0.002125	3.4	.00	29.25	377.2	109	115	119	24
11:00	0.001852	2.9	.00	29.25	405.1	180	202	214	22
12:00	0.00181	2.9	.00	29.23	603.7	208	216	211	26
13:00	0.001807	2.9	.00	29.20	570.2	209	218	229	21
14:00	0.001883	3.0	.00	29.18	486.9	211	206	207	33
15:00	0.002052	3.2	.00	29.17	316.1	139	181	256	26
16:00	0.002231	3.5	.00	29.16	231.6	39	47	53	27
17:00	0.002503	4.0	.00	29.16	61.2	48	54	58	21
18:00	0.002512	4.0	.00	29.16	-.8	24	47	51	9
19:00	0.002568	4.1	.00	29.16	-2.1	31	54	42	10
20:00	0.00263	4.2	.00	29.17	-2.3	48	58	42	6
21:00	0.002756	4.4	.00	29.17	-2.3	65	62	52	9
22:00	0.002722	4.3	.00	29.17	-2.4	58	55	67	6
23:00	0.002742	4.3	.00	29.16	-2.2	31	57	62	9
Avg	0.002156	3.4	.00	29.19	136.4	39	113	167	15
Max	0.002756	4.4	.00	29.25	603.7	301	271	274	33
Hr. of Max	21	21	23	11	12	05	05	03	14
Min	0.001709	2.7	.00	29.16	-3.4	24	47	42	6
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	12	5	1.1	3.1	10.9	3.4	9.2	22.9
01:00	11	6	1.3	3.5	11.0	3.4	8.0	20.4
02:00	9	6	.9	2.9	8.8	3.2	6.0	18.3
03:00	9	6	.7	1.1	5.6	3.7	1.8	13.5
04:00	5	3	.4	.9	5.0	2.5	1.8	11.7
05:00	9 P	4 P	.2	.6	3.9	<	1.5	<
06:00	4	3	.2	.7	5.2	1.1	1.8	8.9
07:00	4	9	.2	.6	3.3	.9	2.7	10.3
08:00	3	7	.5	2.0	2.3	2.5	4.1	5.5
09:00	13	9	.8	1.6	1.5	3.4	3.9	3.7
10:00	21	13	1.7	1.8	2.0	4.1	4.8	5.5
11:00	19	19	2.9	2.9	3.3	8.2	8.5	8.7
12:00	23	22	2.9	3.0	3.2	8.0	8.2	9.2
13:00	23	19	4.2	4.3	4.8	8.7	10.5	12.4
14:00	28	27	2.4	2.5	2.9	9.8	11.9	10.8
15:00	28	26	2.0	1.9	1.9	8.9	7.6	6.0
16:00	16	12	2.2	3.2	3.7	6.4	7.3	7.3
17:00	13	8	1.1	2.5	3.2	4.4	6.2	8.7
18:00	8	3	1.4	2.7	5.9	3.0	7.8	9.8
19:00	5	3	.7	2.2	7.0	2.3	5.3	16.5
20:00	4	3	.5	2.4	7.4	1.6	4.6	13.3
21:00	4	2	.9	2.5	6.9	2.3	5.3	15.1
22:00	3	3	.9	2.6	4.3	2.7	4.1	9.8
23:00	3	2	.6	2.3	3.6	2.3	5.3	8.2
Avg	12	9	1.3	2.2	4.9	4.2	5.8	11.2
Max	28	27	4.2	4.3	11.0	9.8	11.9	22.9
Hr. of Max	15	14	13	13	01	14	14	00
Min	3	2	.2	.6	1.5	.9	1.5	3.7
Count	24	24	24	24	24	23	24	23
Total								