Current Time: 7:00 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/30/2014

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	-13.1	-11.8	-10.2	1.3	2.9	-16.2	1.0	78.2	1.4
01:00	-13.9	-12.7	-11.1	1.1	2.8	-16.3	1.0	82.1	1.4
02:00	-14.6	-13.4	-11.6	1.2	3.0	-16.6	1.0	84.9	1.4
03:00	-14.4	-13.6	-11.9	.8	2.5	-16.2	1.0	87.0	1.4
04:00	-14.7	-13.9	-13.2	.8	1.5	-16.5	.9	86.5	1.4
05:00	-15.0	-14.2	-13.7	.8	1.3	-16.5	.9	88.7	1.4
06:00	-15.8	-14.6	-14.2	1.2	1.6	-17.3	.9	88.0	1.3
07:00	-15.5	-14.8	-14.0	.8	1.5	-17.1	.9	87.7	1.3
08:00	-14.3	-14.0	-13.6	.2	.7	-16.3	.9	84.6	1.4
09:00	-10.6	-10.9	-11.8	-.3	-.8	-14.5	.8	73.5	1.6
10:00	-8.0	-8.5	-8.9	-.5	-.9	-14.7	.8	58.9	1.6
11:00	-5.3	-5.6	-6.2	-.4	-1.1	-14.5	.8	48.5	1.6
12:00	-2.7	-3.0	-4.0	-.3	-1.3	-13.7	.8	42.7	1.7
13:00	-.9	-1.1	-2.3	-.2	-1.4	-13.5	.8	38.4	1.7
14:00	.8	.6	-.5	-.2	-1.3	-14.2	.8	32.1	1.6
15:00	2.2	1.8	.7	-.3	-1.5	-14.3	.8	28.7	1.6
16:00	3.0	2.8	1.6	-.3	-1.4	-13.8	.8	28.3	1.7
17:00	2.7	2.6	1.7	.0	-1.0	-13.0	.8	31.0	1.8
18:00	.3	1.4	1.4	1.1	1.1	-12.2	.8	39.1	1.9
19:00	-1.1	.1	.9	1.2	2.0	-12.3	.8	43.0	1.9
20:00	-2.1	-1.0	.6	1.0	2.7	-10.7	.8	52.1	2.2
21:00	-2.5	-1.5	.5	1.0	3.0	-11.4	.8	50.8	2.1
22:00	-3.4	-2.0	.0	1.4	3.4	-11.3	.8	54.7	2.1
23:00	-3.9	-1.6	.0	2.3	3.9	-10.8	.8	59.1	2.2
Avg	-6.8	-6.2	-5.8	.6	1.0	-14.3	.9	60.4	1.7
Max	3.0	2.8	1.7	2.3	3.9	-10.7	1.0	88.7	2.2
Hr. of Max	16	16	17	23	23	20	03	05	23
Min	-15.8	-14.8	-14.2	-.5	-1.5	-17.3	.8	28.3	1.3
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	0.001084	1.7	.00	29.34	-3.5	279	12	41	7
01:00	0.001073	1.7	.00	29.34	-3.6	329	44	46	8
02:00	0.001044	1.7	.00	29.34	-3.7	26	40	46	4
03:00	0.001084	1.7	.00	29.33	-3.7	35	67	51	7
04:00	0.001055	1.7	.00	29.33	-3.9	15	61	55	4
05:00	0.001054	1.7	.00	29.32	-3.8	36	59	70	7
06:00	0.000981	1.6	.00	29.33	-4.3	360	51	76	10
07:00	0.000999	1.6	.00	29.33	.0	36	57	58	7
08:00	0.001071	1.7	.00	29.33	33.0	100	53	55	23
09:00	0.001251	2.0	.00	29.33	347.1	95	78	57	17
10:00	0.001232	2.0	.00	29.34	528.2	97	96	72	16
11:00	0.001253	2.0	.00	29.33	605.6	85	85	153	29
12:00	0.001341	2.1	.00	29.30	660.2	209	215	218	20
13:00	0.001376	2.2	.00	29.25	665.2	207	214	214	30
14:00	0.001304	2.1	.00	29.20	577.5	227	229	214	18
15:00	0.001292	2.0	.00	29.17	379.2	218	220	217	19
16:00	0.001354	2.1	.00	29.15	263.3	222	226	218	18
17:00	0.001442	2.3	.00	29.14	62.5	226	225	220	16
18:00	0.001532	2.4	.00	29.16	-1.6	261	259	265	8
19:00	0.00152	2.4	.00	29.17	-2.4	355	264	227	9
20:00	0.001721	2.7	.00	29.17	-2.5	55	57	188	7
21:00	0.001626	2.6	.00	29.18	-2.8	297	21	229	9
22:00	0.001635	2.6	.00	29.18	-2.9	268	266	245	7
23:00	0.001703	2.7	.00	29.18	-2.9	259	239	250	7
Avg	0.001293	2.1	.00	29.26	170.0	328	57	154	13
Max	0.001721	2.7	.00	29.34	665.2	360	266	265	30
Hr. of Max	20	23	23	10	13	06	22	18	13
Min	0.000981	1.6	.00	29.14	-4.3	15	12	41	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	1	.7	1.0	3.6	1.8	2.3	7.3
01:00	8	2	.5	.9	2.7	1.6	2.7	7.3
02:00	4	1	.5	.9	2.7	2.1	3.0	5.3
03:00	4	1	1.0	1.7	5.1	2.7	4.6	10.1
04:00	3	2	.7	1.4	4.7	2.3	5.7	9.4
05:00	4	3	.8	2.1	5.2	2.1	4.8	8.7
06:00	4	2	.5	1.8	5.3	1.8	4.1	10.1
07:00	5	2	.7	2.8	4.6	3.4	6.4	8.7
08:00	12	3	1.0	2.3	6.0	3.7	6.6	10.8
09:00	16	11	3.7	3.6	4.8	9.2	8.5	9.8
10:00	13	14	4.2	4.0	3.2	14.2	11.2	7.3
11:00	31	32	2.3	2.0	2.0	6.9	8.9	7.6
12:00	15	12	5.0	5.9	6.8	11.9	13.7	11.9
13:00	31	22	3.8	4.1	5.2	10.8	12.1	11.0
14:00	18	13	4.9	5.6	6.8	12.1	13.1	15.3
15:00	14	8	5.8	7.3	9.1	16.7	15.1	16.7
16:00	14	10	4.8	5.7	7.5	11.2	11.7	16.7
17:00	13	9	3.1	4.4	7.2	9.6	10.1	12.1
18:00	7	2	1.6	3.3	9.1	10.8	10.5	18.1
19:00	14	3	.8	1.1	5.0	3.9	8.0	16.7
20:00	4	4	.7	1.3	3.2	1.8	2.7	8.7
21:00	10	5	.4	.9	4.2	1.8	3.7	8.5
22:00	12	5	.7	.8	8.6	2.7	3.4	14.7
23:00	10	4	1.2	1.8	9.5	2.7	4.8	16.5
Avg	11	7	2.1	2.8	5.5	6.2	7.4	11.2
Max	31	32	5.8	7.3	9.5	16.7	15.1	18.1
Hr. of Max	13	11	15	15	23	15	15	18
Min	3	1	.4	.8	2.0	1.6	2.3	5.3
Count	24	24	24	24	24	24	24	24
Total								