Current Time: 6:20 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/16/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHm gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	4.7	4.6	4.4	-.1	-.3	4.2	7.7	97.7	6.5
01:00	4.7	4.5	4.4	-.2	-.3	4.2	7.7	97.7	6.5
02:00	4.7	4.6	4.3	-.1	-.4	4.3	7.6	97.8	6.5
03:00	4.8	4.7	4.2	-.1	-.6	4.3	7.6	97.8	6.5
04:00	5.0	4.8	4.5	-.1	-.5	4.5	7.6	97.8	6.6
05:00	5.1	5.0	4.8	-.1	-.3	4.7	7.6	97.8	6.6
06:00	5.2	5.1	4.8	-.1	-.4	4.8	7.6	97.8	6.7
07:00	5.4	5.3	5.0	-.1	-.4	5.0	7.6	97.8	6.8
08:00	5.7	5.7	5.2	.0	-.5	5.3	7.6	97.8	6.9
09:00	5.8	5.7	5.4	-.1	-.4	5.4	7.6	97.9	7.0
10:00	6.0	5.8	5.8	-.2	-.2	5.6	7.6	97.9	7.1
11:00	6.1	6.0	5.8	-.2	-.3	5.7	7.7	97.9	7.1
12:00	6.2	6.0	6.0	-.2	-.2	5.7	7.8	97.9	7.1
13:00	6.4	6.2	6.1	-.2	-.3	5.9	7.9	97.9	7.2
14:00	6.4	6.2	6.1 D	-.2	-.3 D	6.0	8.0	97.9	7.2
15:00	5.5	5.4	4.8	-.2	-.7	5.1	8.2	97.7	6.8
16:00	4.9	4.7	4.3	-.2	-.6	4.4	8.3	97.6	6.5
17:00	4.8	4.7	4.4	-.2	-.4	4.4	8.2	97.6	6.5
18:00	4.8	4.7	4.4	-.1	-.4	4.4	8.2	97.6	6.5
19:00	5.1	5.0	4.6	-.1	-.5	4.6	8.1	97.7	6.6
20:00	5.1	5.0	4.7	-.1	-.4	4.7	8.1	97.7	6.6
21:00	5.0	5.0	4.6	-.1	-.4	4.6	8.0	97.7	6.6
22:00	5.1	5.0	4.6	-.1	-.5	4.7	8.0	97.7	6.6
23:00	5.2	5.1	4.8	-.1	-.4	4.7	7.9	97.7	6.7
Avg	5.3	5.2	4.9	-.1	-.4	4.9	7.8	97.8	6.7
Max	6.4	6.2	6.1	.0	-.2	6.0	8.3	97.9	7.2
Hr. of Max	14	14	14	08	12	14	16	14	14
Min	4.7	4.5	4.2	-.2	-.7	4.2	7.6	97.6	6.5
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	8.3	.15	29.01	-1.5	44	35	41	18
01:00	.0	8.3	.05	29.00	-2.6	49	54	54	21
02:00	.0	8.3	.00	29.00	-2.0	302	317	329	16
03:00	.0	8.3	.01	28.99	-2.1	11	12	354	18
04:00	.0	8.5	.12	28.98	-2.6	18	30	25	21
05:00	.0	8.5	.03	28.99	-2.1	160	166	182	10
06:00	.0	8.6	.00	29.03	-2.9	238	240	227	15
07:00	.0	8.7	.00	29.03	-2.0	204	195	192	16
08:00	.0	8.9	.00	29.03	7.4	10	14	85	20
09:00	.0	9.0	.00	29.05	19.4	282	292	282	19
10:00	.0	9.1	.00	29.07	70.3	272	287	295	26
11:00	.0	9.2	.00	29.06	79.3	244	259	283	21
12:00	.0	9.2	.02	29.06	78.5	219	224	228	13
13:00	.0	9.3	.00	29.04	130.9	230	228	210	13
14:00	.0	9.3	.00	29.04	106.4	281	286	280	18
15:00	.0	8.8	.00	29.05	42.5	274	287	296	22
16:00	.0	8.4	.00	29.06	21.1	255	276	309	21
17:00	.0	8.4	.01	29.08	2.9	219	226	291	9
18:00	.0	8.3	.02	29.09	-2.7	236	217	68	10
19:00	.0	8.5	.00	29.09	-2.7	79	90	75	18
20:00	.0	8.5	.00	29.10	-2.4	4	24	55	15
21:00	.0	8.5	.00	29.10	-1.6	0	10	16	19
22:00	.0	8.5	.00	29.08	-2.9	11	16	25	14
23:00	.0	8.6	.00	29.07	-2.4	316	332	12	14
Avg	.0	8.7	.01	29.05	21.9	294	305	337	17
Max	.0	9.3	.15	29.10	130.9	316	332	354	26
Hr. of Max	23	14	00	21	13	23	23	03	10
Min	.0	8.3	.00	28.98	-2.9	0	10	12	9
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	16	10	1.5	2.1	3.6	5.5	7.3	9.6
01:00	14	8	1.0	1.9	3.0	3.4	6.2	9.8
02:00	16	13	1.2	1.3	2.8	5.0	6.2	5.7
03:00	16	15	1.0	1.1	3.4	3.4	5.3	7.8
04:00	21	12	1.9	2.5	4.2	6.2	11.7	14.4
05:00	10	16	1.5	1.7	2.0	4.4	4.6	5.0
06:00	10	6	2.5	3.4	5.4	5.3	7.3	9.4
07:00	15	10	1.9	2.7	5.8	8.7	13.1	17.4
08:00	18	13	1.6	1.8	2.3	5.5	9.6	7.3
09:00	17	6	2.7	4.2	6.4	10.1	13.5	18.8
10:00	21	9	4.5	6.1	11.6	15.3	19.0	23.4
11:00	19	12	4.1	5.1	9.4	14.7	19.2	28.9
12:00	12	8	3.0	3.7	5.1	6.4	8.0	8.5
13:00	13	10	2.7	2.8	4.1	7.1	6.4	7.6
14:00	14	8	4.3	5.9	8.8	12.8	17.2	19.7
15:00	18	10	4.4	6.1	10.0	12.1	26.1	27.7
16:00	22	18	3.1	3.5	6.4	10.5	11.7	14.0
17:00	15	13	1.4	1.3	1.3	3.4	3.7	4.4
18:00	13	14	1.2	1.4	2.2	4.1	4.8	6.6
19:00	17	13	2.5	3.2	4.9	6.0	7.3	11.9
20:00	19	8	.8	1.2	2.5	3.4	5.3	6.2
21:00	21	17	1.6	3.5	6.0	5.5	7.8	8.9
22:00	19	17	1.0	1.2	3.7	4.8	9.4	13.3
23:00	16	12	1.0	1.3	2.9	3.4	4.8	6.6
Avg	16	12	2.2	2.9	4.9	7.0	9.8	12.2
Max	22	18	4.5	6.1	11.6	15.3	26.1	28.9
Hr. of Max	16	16	10	15	10	10	15	11
Min	10	6	.8	1.1	1.3	3.4	3.7	4.4
Count	24	24	24	24	24	24	24	24
Total								