Current Time: 6:45 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/1/2013

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	3.6	4.0	5.4	.4	1.8	.2	4.8	79.0	4.9
01:00	3.5	3.8	5.2	.3	1.7	1.4	4.9	87.3	5.3
02:00	3.4	3.5	4.9	.2	1.5	2.7	4.9	95.9	5.8
03:00	3.5	3.6	4.3	.0	.8	3.0	4.9	97.2	6.0
04:00	3.5	3.4	3.7	-.1	.2	3.0	5.0	97.4	5.9
05:00	3.5	3.5	3.6	.0	.1	3.0	5.0	97.4	6.0
06:00	3.6	3.6	3.5	-.1	-.1	3.2	5.0	97.5	6.0
07:00	3.7	3.6	3.4 D	-.1	-.3 D	3.2	5.0	97.5	6.0
08:00	3.8	3.7	3.4	-.1	-.4	3.3	5.0	97.6	6.1
09:00	3.9	3.8	3.5 D	-.1	-.5 D	3.5	5.0	97.6	6.1
10:00	4.4	4.2	3.9	-.1	-.5	3.9	5.1	97.6	6.3
11:00	5.1	4.9	4.7	-.1	-.4	4.6	5.1	97.7	6.6
12:00	5.7	5.6	5.3	-.1	-.4	5.2	5.2	97.7	6.9
13:00	6.1	5.9	5.6	-.2	-.5	5.6	5.4	97.8	7.1
14:00	6.5	6.4	6.1	-.1	-.4	6.0	5.6	97.8	7.3
15:00	6.8	6.7	6.5	-.1	-.3	6.3	5.7	97.8	7.4
16:00	7.0	6.9	6.7 D	-.1	-.4 +	6.5	5.8	97.9	7.5
17:00	7.0	7.0	6.8	.0	-.2	6.6	5.9	97.9	7.5
18:00	7.1	7.1	6.8	.1	.0	6.6	6.0	97.9	7.6
19:00	7.0	7.1	6.8	.2	-.2	6.5	6.0	97.9	7.5
20:00	6.8	7.0	6.7	.2	-.1	6.3	6.1	97.9	7.4
21:00	7.0	7.0	6.7	.0	-.3	6.5	6.1	97.9	7.5
22:00	6.8	6.8	6.3	.0	-.5	6.4	6.1	97.9	7.4
23:00	5.7	5.5	5.2	-.2	-.5	5.3	6.1	97.8	6.9
Avg	5.2	5.2	5.2	.0	.0	4.5	5.4	96.4	6.6
Max	7.1	7.1	6.8	.4	1.8	6.6	6.1	97.9	7.6
Hr. of Max	18	19	19	00	00	18	23	22	18
Min	3.4	3.4	3.4	-.2	-.5	.2	4.8	79.0	4.9
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	6.2	.00	29.12	-2.3	245	220	273	7
01:00	.0	6.8	.00	29.10	-2.5	313	7	305	7
02:00	.0	7.4	.02	29.10	-2.5	351	52	348	17
03:00	.0	7.6	.06	29.11	-2.1	31	43	5	11
04:00	.0	7.6	.15	29.11	-2.6	247	261	266	14
05:00	.0	7.6	.12	29.11	-2.1	222	84	123	12
06:00	.0	7.7	.08	29.12	-2.0	280	104	102	12
07:00	.0	7.7	.03	29.12	-2.7	62	92	123	9
08:00	.0	7.7	.06	29.11	7.5	41	97	143	15
09:00	.0	7.8	.10	29.11	11.8	250	282	293	19
10:00	.0	8.1	.03	29.07	43.4	79	71	177	16
11:00	.0	8.5	.00	29.09	40.6	272	288	302	22
12:00	.0	8.9	.04	29.05	57.9	208	224	264	20
13:00	.0	9.1	.02	29.03	67.1	203	215	222	12
14:00	.0	9.4	.06	29.03	33.3	257	276	286	17
15:00	.0	9.6	.06	29.03	27.9	213	213	257	8
16:00	.0	9.7	.03	29.03	17.0	230	234	252	9
17:00	.0	9.7	.03	29.03	.5	243	234	283	8
18:00	.0	9.8	.06	29.04	-1.9	359	21	18	9
19:00	.0	9.7	.03	29.04	-1.9	287	279	83	4
20:00	.0	9.6	.03	29.04	-1.6	249	250	103	7
21:00	.0	9.7	.03	29.04	-1.9	220	226	275	9
22:00	.0	9.6	.00	29.04	-2.8	272	260	244	14
23:00	.0	8.9	.00	29.06	-2.1	273	285	293	18
Avg	.0	8.5	.04	29.07	11.5	263	257	273	12
Max	.0	9.8	.15	29.12	67.1	359	288	348	22
Hr. of Max	23	18	04	07	13	18	11	02	11
Min	.0	6.2	.00	29.03	-2.8	31	7	5	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	8	5	1.3	1.6	4.8	2.7	3.0	9.4
01:00	10	8	.6	.9	3.0	2.5	3.0	5.5
02:00	7	11	.3	1.0	2.8	3.7	3.7	6.0
03:00	12	9	1.4	1.2	4.0	4.1	6.2	9.4
04:00	21	13	2.3	2.4	2.8	9.2	9.8	6.2
05:00	14	8	.6	.7	1.2	3.0	4.1	3.7
06:00	15	6	1.1	.8	2.0	4.1	5.3	5.3
07:00	12	8	1.0	1.1	2.2	4.4	4.6	5.5
08:00	14	15	1.1	.9	2.5	5.0	6.6	8.5
09:00	28	16	2.6	3.3	5.3	8.5	12.1	14.9
10:00	16	14	3.2	4.1	5.1	7.6	9.4	13.1
11:00	22	8	2.9	4.1	10.6	13.7	16.5	22.0
12:00	16	7	1.7	1.3	4.6	5.5	5.7	16.7
13:00	15	11	1.6	1.6	3.6	6.0	8.2	10.8
14:00	16	9	2.1	2.5	6.5	9.2	14.9	17.2
15:00	8	6	.9	.8	3.8	3.7	3.7	11.4
16:00	10	4	1.3	1.6	4.3	3.9	4.8	8.9
17:00	6	6	.9	1.4	4.2	3.4	5.5	12.4
18:00	8	8	.6	.8	2.0	2.1	2.5	10.8
19:00	12	7	.7	.9	2.3	3.0	2.7	4.8
20:00	4	7	1.7	1.8	1.4	4.8	5.0	4.1
21:00	7	4	.8	.8	1.3	4.4	8.5	7.3
22:00	11	5	2.3	2.7	4.5	9.8	13.7	17.4
23:00	16	9	4.0	5.3	9.2	11.7	13.5	29.5
Avg	13	9	1.5	1.8	3.9	5.7	7.2	10.9
Max	28	16	4.0	5.3	10.6	13.7	16.5	29.5
Hr. of Max	09	09	23	23	11	11	11	23
Min	4	4	.3	.7	1.2	2.1	2.5	3.7
Count	24	24	24	24	24	24	24	24
Total								