Current Time: 7:37 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/13/2013

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	18.8	18.9	18.5	.1	-.3	14.3	12.2	76.6	12.1
01:00	18.8	18.9	18.5	.1	-.3	14.1	12.1	75.5	12.0
02:00	18.7	18.7	18.5	.0	-.2	13.9	12.0	75.0	11.8
03:00	18.9	18.8	18.5	-.1	-.4	13.8	12.0	73.7	11.8
04:00	18.8	18.7	18.4	-.1	-.4	13.8	12.0	74.1	11.8
05:00	18.3	18.3	18.5	.0	.2	13.9	12.0	76.8	11.8
06:00	17.0	17.5	18.5 D	.5	1.5 D	14.0	12.0	84.0	12.0
07:00	16.5	17.1	18.5	.6	2.0	14.2	11.9	88.2	12.2
08:00	16.3	17.0	18.0	.7	1.7	14.4	11.9	90.1	12.3
09:00	15.9	16.7	16.9	.8	1.0	15.2	11.8	97.0	13.0
10:00	16.2	16.8	17.0	.6	.8	15.5	11.9	97.5	13.2
11:00	16.5	16.7	17.0	.1	.5	15.9	11.9	97.6	13.5
12:00	16.5	16.7	17.1	.2	.6	15.8	12.0	97.9	13.5
13:00	16.5	16.9	17.2	.3	.7	15.9	12.1	98.0	13.5
14:00	18.5	18.6	18.1	.0	-.4	17.2	12.2	94.0	14.6
15:00	18.6	18.5	18.1	-.1	-.5	16.7	12.4	90.6	14.2
16:00	19.7	19.7	19.3	.0	-.4	15.9	12.5	80.5	13.4
17:00	19.7	19.8	19.7	.2	.0	15.4	12.6	78.1	13.0
18:00	19.3	19.4	19.4	.1	.1	15.2	12.7	78.6	12.8
19:00	17.0	17.3	17.8	.3	.8	16.2	12.7	97.1	13.8
20:00	16.4	16.4	17.2	.0	.8	15.8	12.7	98.0	13.5
21:00	16.0	16.0	16.7	.0	.7	15.5	12.8	98.2	13.2
22:00	15.8	15.8	15.4	.0	-.4	15.3	12.8	98.2	13.0
23:00	12.5	12.2	12.2	-.3	-.3	12.0	12.8	98.1	10.7
Avg	17.4	17.6	17.7	.2	.3	15.0	12.3	88.1	12.8
Max	19.7	19.8	19.7	.8	2.0	17.2	12.8	98.2	14.6
Hr. of Max	17	17	17	09	07	14	23	22	14
Min	12.5	12.2	12.2	-.3	-.5	12.0	11.8	73.7	10.7
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	16.4	.00	29.04	-2.2	229	219	195	17
01:00	.0	16.1	.00	29.03	-1.7	229	220	196	17
02:00	.0	15.9	.00	29.03	-2.6	222	214	192	19
03:00	.0	15.9	.00	29.02	-1.8	212	211	190	21
04:00	.0	15.9	.00	29.02	-1.8	219	215	192	18
05:00	.0	15.9	.00	29.03	-1.8	249	248	223	13
06:00	.0	16.0	.00	29.06	-1.8	252	227	221	9
07:00	.0	16.3	.00	29.07	-1.1	238	241	229	9
08:00	.0	16.4	.00	29.08	11.3	60	220	225	18
09:00	.0	17.3	.00	29.08	17.2	61	15	222	8
10:00	.0	17.7	.00	29.07	33.2	110	228	224	5
11:00	.0	18.1	.04	29.06	48.5	266	250	213	8
12:00	.0	18.0	.01	29.04	26.5	286	264	219	11
13:00	.0	18.1	.00	29.02	35.0	2	4	227	17
14:00	.0	19.7	.00	29.01	45.3	206	208	192	21
15:00	.0	19.1	.00	29.01	86.3	223	218	188	25
16:00	.0	18.1	.00	29.01	30.8	237	223	199	20
17:00	.0	17.6	.00	29.01	.3	243	228	203	17
18:00	.0	17.3	.01	29.01	-1.7	240	229	206	15
19:00	.0	18.5	.21	29.02	-1.7	252	244	228	13
20:00	.0	18.0	.59	29.04	-1.7	239	249	248	13
21:00	.0	17.6	.24	29.05	-1.5	229	227	220	19
22:00	.0	17.4	.12	29.06	-2.1	234	234	229	11
23:00	.0	14.1	.12	29.09	-1.6	268	278	284	24
Avg	.0	17.1	.05	29.04	12.9	238	235	215	15
Max	.0	19.7	.59	29.09	86.3	286	278	284	25
Hr. of Max	23	14	20	23	15	12	23	23	15
Min	.0	14.1	.00	29.01	-2.6	2	4	188	5
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	15	9	4.2	6.5	13.3	12.4	15.1	34.8
01:00	14	10	4.7	7.5	13.2	12.6	17.9	21.8
02:00	18	10	4.7	6.8	13.4	11.0	15.1	23.4
03:00	20	11	5.4	7.4	13.7	13.5	16.0	26.1
04:00	16	10	4.8	6.9	11.8	19.0	17.9	29.1
05:00	11	6	3.7	5.8	10.3	9.2	11.4	16.7
06:00	5	5	1.2	2.4	7.2	3.9	7.1	14.7
07:00	7	4	1.7	3.4	8.0	5.7	8.5	17.9
08:00	13	4	.5	.7	5.4	2.1	4.6	18.1
09:00	20	6	.5	.8	5.8	2.3	4.8	9.4
10:00	11	5	.3	.5	6.5	1.6	3.9	13.7
11:00	9	4	.9	1.2	8.7	3.7	6.9	16.9
12:00	12	7	.2	.5	7.8	1.6	3.9	21.3
13:00	20	22	2.0	2.2	4.3	6.9	7.3	13.3
14:00	21	13	6.8	9.3	15.0	19.7	25.9	29.3
15:00	22	14	3.9	5.4	10.4	13.7	17.9	43.1
16:00	16	11	3.1	4.6	8.5	8.9	12.8	29.3
17:00	14	9	2.5	4.4	8.6	8.0	11.9	15.8
18:00	12	7	3.5	5.8	10.9	8.5	12.8	20.2
19:00	10	4	1.4	3.1	9.9	5.0	8.9	18.5
20:00	11	7	4.4	7.0	13.3	20.4	19.9	27.9
21:00	13	5	2.4	4.1	9.2	9.8	18.3	17.2
22:00	8	4	2.2	4.3	8.5	9.8	12.6	18.1
23:00	17	10	6.8	9.3	14.1	16.9	22.9	24.7
Avg	14	8	3.0	4.6	9.9	9.4	12.7	21.7
Max	22	22	6.8	9.3	15.0	20.4	25.9	43.1
Hr. of Max	15	13	23	23	14	20	14	15
Min	5	4	.2	.5	4.3	1.6	3.9	9.4
Count	24	24	24	24	24	24	24	24
Total								