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)

11/7/2013

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	15.6	15.4	15.1	-.2	-.5	14.6	15.1	95.8	12.5
01:00	15.2	15.0	14.9	-.1	-.3	14.5	15.0	97.6	12.4
02:00	15.3	15.1	15.0	-.1	-.3	14.7	15.0	97.8	12.6
03:00	15.0	14.9	14.7	-.1	-.3	14.5	15.0	97.9	12.4
04:00	15.0	14.9	14.7	-.1	-.3	14.4	14.9	98.0	12.4
05:00	14.0	13.8	13.4	-.2	-.6	13.4	14.9	98.0	11.7
06:00	11.6	11.4	10.9	-.2	-.7	11.0	14.8	97.8	10.0
07:00	10.3	10.1	9.7	-.2	-.6	9.8	14.7	97.7	9.3
08:00	9.3	9.1	8.7	-.2	-.6	8.8	14.5	97.5	8.7
09:00	9.2	9.0	8.8	-.2	-.4	8.0	14.3	93.5	8.3
10:00	9.9	9.7	8.9	-.2	-1.0	5.4	14.2	74.6	6.9
11:00	10.6	10.2	9.6	-.4	-1.0	3.9	14.3	64.2	6.2
12:00	10.9	10.4	9.8	-.6	-.9	2.1	14.7	55.2	5.5
13:00	11.5	11.0	10.4	-.5	-1.1	.1	15.2	46.1	4.7
14:00	12.2	11.8	11.1	-.4	-1.1	-.5	15.6	42.1	4.5
15:00	12.8	12.4	11.7	-.4	-1.1	-2.3	15.8	35.6	4.0
16:00	12.6	12.3	11.7	-.2	-.9	-2.1	15.8	36.7	4.0
17:00	11.2	11.3	10.6	.1	-.6	-1.8	15.6	40.8	4.1
18:00	9.8	10.1	10.0	.3	.2	-.9	15.2	47.8	4.4
19:00	7.6	8.6	8.7	1.0	.9	.1	14.6	60.0	4.8
20:00	5.9	6.9	7.0	1.0	1.2	.9	14.0	71.1	5.1
21:00	4.9	5.8	6.7	.9	1.8	1.8	13.5	81.1	5.4
22:00	3.9	5.1	6.6	1.2	2.7	1.9	12.9	87.2	5.5
23:00	2.8	4.5	5.0	1.7	2.2	1.2	12.5	89.8	5.2
Avg	10.7	10.8	10.6	.1	-.1	5.6	14.7	75.2	7.5
Max	15.6	15.4	15.1	1.7	2.7	14.7	15.8	98.0	12.6
Hr. of Max	00	00	00	23	22	02	16	05	02
Min	2.8	4.5	5.0	-.6	-1.1	-2.3	12.5	35.6	4.0
Count	24	24	24	24	24	24	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	0.010695	16.7	.00	29.11	-1.7	254	255	237	14
01:00	0.010624	16.6	.07	29.10	-1.9	256	260	250	15
02:00	0.010731	16.7	.13	29.09	-1.5	217	227	266	10
03:00	0.010593	16.5	.11	29.08	-1.4	226	217	227	10
04:00	0.010589	16.5	.06	29.07	-1.6	225	214	204	15
05:00	0.009938	15.5	.04	29.08	-1.7	251	253	254	16
06:00	0.008418	13.2	.01	29.11	-2.0	269	283	296	19
07:00	0.00774	12.1	.00	29.13	5.0	260	268	283	19
08:00	0.007226	11.3	.00	29.17	71.6	254	263	276	16
09:00	0.006843	10.8	.00	29.21	160.6	275	282	288	18
10:00	0.005722	9.0	.00	29.24	258.0	318	337	337	26
11:00	0.005144	8.1	.00	29.25	531.6	345	360	353	32
12:00	0.004544	7.2	.00	29.25	696.0	53	40	29	34
13:00	0.003936	6.2	.00	29.23	591.3	58	46	24	33
14:00	0.00377	6.0	.00	29.22	429.9	6	23	11	31
15:00	0.003311	5.2	.00	29.21	355.4	355	9	354	34
16:00	0.00336	5.3	.00	29.22	163.7	348	2	356	32
17:00	0.003422	5.4	.00	29.23	14.3	323	333	335	17
18:00	0.003635	5.8	.00	29.25	-1.8	293	311	328	12
19:00	0.003905	6.2	.00	29.26	-1.8	290	272	329	16
20:00	0.004135	6.5	.00	29.27	-2.1	340	126	343	19
21:00	0.004398	7.0	.00	29.28	-2.3	332	100	345	23
22:00	0.004429	7.0	.00	29.29	-2.3	343	350	346	23
23:00	0.004213	6.7	.00	29.30	-2.6	261	212	349	25
Avg	0.006305	9.9	.01	29.19	135.5	297	298	317	21
Max	0.010731	16.7	.13	29.30	696.0	355	360	356	34
Hr. of Max	02	02	02	23	12	15	11	16	15
Min	0.003311	5.2	.00	29.07	-2.6	6	2	11	10
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	13	5	2.2	3.7	8.3	6.6	7.8	18.5
01:00	13	6	2.8	4.7	9.9	11.9	16.0	18.8
02:00	10	9	1.4	2.6	5.4	7.6	11.9	22.9
03:00	8	5	1.0	2.4	5.0	3.7	5.3	9.6
04:00	14	6	1.8	3.4	7.2	5.3	7.3	11.2
05:00	13	7	5.5	7.7	12.6	18.8	24.3	25.2
06:00	17	11	5.9	7.8	13.6	18.5	20.4	33.0
07:00	18	11	4.6	6.1	10.8	13.7	17.9	35.7
08:00	16	12	4.8	6.1	9.6	13.5	22.7	22.4
09:00	15	10	5.6	7.3	10.6	19.0	18.8	32.3
10:00	25	21	4.1	6.2	8.3	12.4	16.0	16.9
11:00	23	20	4.3	6.3	8.4	12.4	15.3	15.6
12:00	26	17	4.1	5.7	7.9	13.3	16.3	16.5
13:00	23	19	3.5	4.3	5.6	11.2	13.1	14.0
14:00	37	28	3.3	3.7	5.6	11.4	12.6	13.1
15:00	31	23	3.0	3.7	5.3	11.9	14.0	13.5
16:00	31	22	2.6	4.1	6.4	9.6	14.4	14.0
17:00	16	9	2.5	4.3	8.9	8.5	10.8	14.2
18:00	11	7	3.8	5.6	11.1	8.9	11.2	23.8
19:00	15	16	1.7	2.6	6.8	7.8	13.3	22.7
20:00	19	22	.7	1.0	3.4	2.7	2.6	9.2
21:00	23	17	.7	1.1	5.0	3.4	3.0	13.5
22:00	22	16	.4	.8	7.4	2.7	4.6	12.4
23:00	19	18	1.1	1.6	7.5	3.7	5.7	16.9
Avg	19	14	3.0	4.3	7.9	9.9	12.7	18.6
Max	37	28	5.9	7.8	13.6	19.0	24.3	35.7
Hr. of Max	14	14	06	06	06	09	05	07
Min	8	5	.4	.8	3.4	2.7	2.6	9.2
Count	24	24	24	24	24	24	24	24
Total								