Current Time: 6:26 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/7/2013

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	13.3	13.1	12.8	-.2	-.5	12.7	21.9	97.5	11.1
01:00	13.3	13.2	12.9	-.1	-.4	12.7	21.4	97.4	11.1
02:00	13.1	13.1	12.8	.0	-.3	12.5	21.0	97.4	11.0
03:00	12.9	12.7	12.6	-.2	-.3	12.3	20.7	97.6	10.8
04:00	12.9	12.6	12.5	-.2	-.4	12.3	20.5	97.7	10.8
05:00	13.0	12.7	12.5	-.2	-.4	12.4	20.2	97.8	10.9
06:00	13.0	12.8	12.5	-.2	-.5	12.4	20.0	97.8	10.9
07:00	12.3	12.4	12.2	.1	-.1	11.7	19.8	97.8	10.5
08:00	12.7	12.7	12.3	.0	-.6	12.1	19.5	97.9	10.7
09:00	13.2	12.9	12.8	-.3	-.5	12.6	19.4	97.9	11.1
10:00	14.6	14.3	13.4	-.3	-1.2	11.8	19.5	85.1	10.5
11:00	16.1	15.5	14.9	-.6	-1.2	9.5	19.9	66.0	8.9
12:00	17.2	16.6	16.0	-.6	-1.2	8.8	20.0	58.7	8.5
13:00	17.9	17.4	16.5	-.5	-1.4	6.6	20.7	48.5	7.4
14:00	18.9	18.3	17.8	-.6	-1.1	6.5	21.4	45.1	7.3
15:00	19.2	18.7	18.1	-.5	-1.1	5.6	22.0	41.6	6.8
16:00	19.8	19.2	18.9	-.5	-.9	6.3	22.4	42.2	7.1
17:00	19.6	19.3	18.9	-.3	-.7	7.4	22.6	46.0	7.7
18:00	17.7	18.2	18.3	.5	.6	8.9	22.5	57.9	8.6
19:00	15.0	16.3	16.5	1.3	1.5	10.8	22.2	77.4	9.8
20:00	14.0	15.1	15.2	1.1	1.2	10.8	21.6	82.3	9.8
21:00	13.4	14.3	14.4	.8	1.0	10.7	20.9	84.7	9.8
22:00	13.0	13.7	13.9	.7	.9	10.1	20.4	83.9	9.4
23:00	11.6	13.0	13.3	1.4	1.7	10.2	19.8	92.5	9.5
Avg	14.9	14.9	14.7	.0	-.2	10.3	20.8	78.7	9.6
Max	19.8	19.3	18.9	1.4	1.7	12.7	22.6	97.9	11.1
Hr. of Max	16	17	17	23	23	01	17	09	09
Min	11.6	12.4	12.2	-.6	-1.4	5.6	19.4	41.6	6.8
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	0.009487	14.7	.00	28.97	-1.8	256	274	297	26
01:00	0.009468	14.7	.00	28.96	-1.6	239	259	293	20
02:00	0.009339	14.5	.02	28.97	-2.2	279	220	306	14
03:00	0.009213	14.3	.03	28.98	-2.1	189	186	186	14
04:00	0.009214	14.3	.00	28.97	-1.4	220	215	217	11
05:00	0.009273	14.4	.00	28.99	-2.1	260	249	247	12
06:00	0.009272	14.4	.00	28.99	-1.5	242	220	339	6
07:00	0.00887	13.8	.00	29.00	3.4	282	251	165	4
08:00	0.009104	14.2	.00	29.02	63.0	334	320	318	16
09:00	0.009391	14.6	.00	29.04	191.1	334	348	356	20
10:00	0.00894	13.9	.00	29.05	403.9	2	9	8	24
11:00	0.007635	11.9	.00	29.06	659.4	53	43	34	26
12:00	0.007294	11.4	.00	29.06	763.2	30	29	11	36
13:00	0.006306	9.9	.00	29.05	799.1	336	354	353	33
14:00	0.006246	9.8	.00	29.04	767.3	23	19	14	37
15:00	0.005877	9.2	.00	29.04	568.9	2	10	15	28
16:00	0.006163	9.6	.00	29.04	491.7	71	49	38	34
17:00	0.006629	10.4	.00	29.04	291.5	8	21	13	34
18:00	0.007373	11.5	.00	29.05	86.1	351	27	16	28
19:00	0.008351	13.0	.00	29.07	1.3	355	23	21	18
20:00	0.00833	13.0	.00	29.08	-1.3	357	18	18	20
21:00	0.008248	12.9	.00	29.10	-1.7	3	19	10	40
22:00	0.007915	12.4	.00	29.12	-1.5	18	24	13	36
23:00	0.007982	12.5	.00	29.12	-1.9	350	32	25	25
Avg	0.008163	12.7	.00	29.03	211.3	337	352	355	23
Max	0.009487	14.7	.03	29.12	799.1	357	354	356	40
Hr. of Max	00	01	03	23	13	20	13	09	21
Min	0.005877	9.2	.00	28.96	-2.2	2	9	8	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	24	16	4.3	5.7	11.3	16.0	16.5	29.5
01:00	22	15	3.4	4.5	8.8	12.4	13.3	21.3
02:00	14	10	1.4	2.1	4.2	7.1	6.2	10.3
03:00	12	6	1.9	2.6	3.3	5.0	8.0	6.6
04:00	9	5	1.6	2.2	3.2	6.2	5.5	9.8
05:00	12	10	.7	1.1	2.4	2.3	3.0	4.1
06:00	10	10	.6	1.0	1.4	2.5	2.5	4.1
07:00	10	8	.9	.9	2.2	2.5	2.3	2.5
08:00	20	12	.9	1.4	4.0	4.1	6.2	8.5
09:00	21	17	2.2	3.2	4.4	6.2	7.1	14.9
10:00	22	16	2.3	3.2	4.0	7.1	7.3	7.8
11:00	25	13	2.7	3.7	4.7	9.2	10.8	11.4
12:00	33	25	3.3	4.6	6.2	8.9	11.4	12.6
13:00	24	20	4.2	6.2	8.1	12.4	14.2	16.9
14:00	32	21	3.4	5.3	7.2	12.6	15.3	15.6
15:00	25	19	3.1	4.4	5.2	11.7	12.6	12.1
16:00	24	19	3.4	4.5	5.5	10.3	12.6	13.7
17:00	25	16	2.3	4.6	6.8	11.4	10.3	16.7
18:00	15	9	1.7	5.1	9.7	6.4	14.4	19.2
19:00	11	4	1.0	4.9	12.3	4.1	9.2	26.1
20:00	14	6	.9	5.5	14.1	7.3	10.8	26.6
21:00	19	9	1.2	5.9	15.3	7.1	12.8	28.6
22:00	17	6	.6	4.3	13.1	5.3	14.7	32.7
23:00	12	6	.4	3.2	11.4	6.2	9.2	22.0
Avg	19	12	2.0	3.8	7.0	7.7	9.8	15.6
Max	33	25	4.3	6.2	15.3	16.0	16.5	32.7
Hr. of Max	12	12	00	13	21	00	00	22
Min	9	4	.4	.9	1.4	2.3	2.3	2.5
Count	24	24	24	24	24	24	24	24
Total								