Current Time: 6:21 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/5/2013

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	-2.4	-1.8	.8	.7	3.2	-4.5	3.5	86.2	3.5
01:00	-2.4	-1.8	-.5	.6	1.9 -	-3.6	3.3	91.5	3.7
02:00	-2.8	-2.4	-1.1	.5	1.7	-3.7	3.2	94.5	3.7
03:00	-3.7	-2.9	-1.5	.8	2.2	-4.3	3.1	96.6	3.6
04:00	-4.2	-3.4	-2.2	.8	2.0	-4.7	3.0	96.8	3.5
05:00	-4.1	-3.6	-2.0	.5	2.1	-4.6	2.9	96.8	3.5
06:00	-4.0	-3.4	-2.2 D	.6	1.8 D	-4.5	2.8	96.8	3.5
07:00	-4.4	-3.5	-2.3	.9	2.1	-4.9	2.7	96.8	3.4
08:00	-3.8	-3.4	-1.9	.4	2.0	-4.4	2.6	96.3	3.5
09:00	-1.0	-1.2	-.9	-.2	.1	-3.5	2.6	84.1	3.8
10:00	2.1	1.7	1.7	-.4	-.4	-3.5	2.5	67.0	3.7
11:00	3.9	3.4	2.7	-.4	-1.2	-5.2	2.5	52.2	3.3
12:00	5.0	4.4	3.8	-.5	-1.2	-6.1	2.5	45.1	3.0
13:00	5.9	5.7	4.7	-.2	-1.2	-6.4	2.6	41.3	3.0
14:00	6.8	6.6	5.7	-.2	-1.1	-6.2	3.0	39.5	3.0
15:00	7.1	7.0	6.3	-.2	-.8	-6.2	3.4	38.7	3.0
16:00	7.0	6.8	6.3	-.2	-.7	-5.3	3.7	41.8	3.2
17:00	6.5	6.4	6.0	-.1	-.5	-4.2	3.9	46.8	3.5
18:00	6.0	6.1	5.9	.2	-.1	-3.3	4.1	51.8	3.7
19:00	5.6	5.9	5.8	.4	.2	-2.7	4.1	55.7	3.9
20:00	4.9	5.3	5.1 D	.5	.2 D	-1.1	4.2	66.3	4.4
21:00	3.4	4.2	4.2	.8	.8	2.3	4.2	93.2	5.7
22:00	3.3	3.6	3.9	.3	.6	2.8	4.3	96.8	5.8
23:00	3.4	3.5	3.4	.1	.0	2.9	4.3	97.1	5.9
Avg	1.6	1.8	2.2	.2	.6	-3.5	3.3	73.7	3.8
Max	7.1	7.0	6.3	.9	3.2	2.9	4.3	97.1	5.9
Hr. of Max	15	15	16	07	00	23	23	23	23
Min	-4.4	-3.6	-2.3	-.5	-1.2	-6.4	2.5	38.7	3.0
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	4.4	.00	29.39	-2.7	60	63	58	5
01:00	.0	4.7	.00	29.38	-2.9	62	42	63	13
02:00	.0	4.7	.00	29.38	-2.8	12	67	43	9
03:00	.0	4.5	.00	29.38	-2.8	7	76	29	4
04:00	.0	4.3	.00	29.38	-3.2	275	54	4	6
05:00	.0	4.4	.00	29.37	-3.2	41	63	36	9
06:00	.0	4.4	.00	29.38	-3.2	47	59	50	14
07:00	.0	4.3	.00	29.40	-.7	344	55	25	5
08:00	.0	4.4	.00	29.40	49.0	67	55	49	7
09:00	.0	4.7	.00	29.39	271.9	71	68	51	20
10:00	.0	4.7	.00	29.38	370.2	85	76	56	17
11:00	.0	4.2	.00	29.38	455.4	87	82	74	25
12:00	.0	3.9	.00	29.34	489.8	63	64	63	25
13:00	.0	3.8	.00	29.30	485.2	258	307	3	25
14:00	.0	3.9	.00	29.28	223.1	286	299	292	21
15:00	.0	3.9	.00	29.27	86.8	253	276	262	21
16:00	.0	4.2	.00	29.27	33.3	263	270	269	14
17:00	.0	4.5	.00	29.27	4.3	264	279	284	11
18:00	.0	4.8	.00	29.27	-2.3	230	268	293	7
19:00	.0	5.0	.00	29.28	-2.3	246	243	250	7
20:00	.0	5.7	.00	29.28	-2.3	240	232	244	12
21:00	.0	7.2	.01	29.28	-2.4	284	243	225	7
22:00	.0	7.5	.00	29.28	-2.1	266	223	206	7
23:00	.0	7.5	.00	29.27	-2.1	262	225	209	7
Avg	.0	4.8	.00	29.33	101.4	324	24	6	12
Max	.0	7.5	.01	29.40	489.8	344	307	293	25
Hr. of Max	23	23	21	08	12	07	13	18	13
Min	.0	3.8	.00	29.27	-3.2	7	42	3	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	4	2	1.1	2.5	4.3	2.5	6.0	9.8
01:00	8	4	.8	2.2	5.6	4.6	6.9	20.2
02:00	8	4	.9	1.1	5.9	2.3	3.2	9.2
03:00	4	2	.5	.7	4.0	4.4	4.5	5.7
04:00	8	25	1.1	1.3	4.9	3.4	3.6	8.5
05:00	6	3	.8	1.0	5.7	2.1	2.7	13.3
06:00	6	2	1.0	1.2	6.5	2.5	3.7	9.2
07:00	9	19	1.0	1.2	2.9	2.7	2.1	9.2
08:00	10	1	.7	1.5	6.7	3.4	4.8	10.5
09:00	16	5	2.9	3.5	5.4	7.1	8.2	10.3
10:00	16	10	5.0	4.7	5.1	9.2	8.9	11.2
11:00	15	11	4.2	4.2	4.2	9.8	15.8	10.3
12:00	17	13	4.5	5.2	5.3	12.6	11.4	13.5
13:00	34	33	2.4	1.7	1.8	6.4	7.1	7.1
14:00	24	21	1.6	1.3	1.9	6.9	4.8	5.5
15:00	23	27	1.5	1.1	1.5	5.3	6.0	7.1
16:00	12	8	1.9	2.1	3.1	6.4	6.9	6.6
17:00	12	4	1.9	2.3	4.4	5.5	6.2	6.4
18:00	13	7	.7	.6	3.1	2.7	2.7	6.2
19:00	5	3	2.3	3.0	5.4	5.5	5.0	8.0
20:00	7	3	1.8	3.2	6.8	6.2	6.9	12.4
21:00	3	3	1.0	1.2	6.5	2.5	5.0	12.1
22:00	8	4	1.8	2.4	8.5	3.7	5.5	14.9
23:00	7	5	1.5	2.4	8.1	4.8	5.7	14.7
Avg	11	9	1.8	2.2	4.9	5.1	6.0	10.1
Max	34	33	5.0	5.2	8.5	12.6	15.8	20.2
Hr. of Max	13	13	10	12	22	12	11	01
Min	3	1	.5	.6	1.5	2.1	2.1	5.5
Count	24	24	24	24	24	24	24	24
Total								