Current Time: 7:13 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/7/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHm gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	1.1	2.0	.8	1.0	-.3	-2.0	5.0	80.5	4.2
01:00	-.2	.8	.1	1.1	.3	-1.9	4.8	89.0	4.2
02:00	-.3	.5	.6	.8	.9	-1.9	4.6	89.1	4.2
03:00	.4	.6	.0	.1	<	-2.8	4.4	79.3	3.9
04:00	.1	.4	.2	.3	<	-3.2	4.2	79.1	3.8
05:00	-.4	.1	-.1	.5	.3 -	-3.3	4.0	81.2	3.8
06:00	-1.4	-.3	-.3	1.0	1.1 -	-3.5	3.8	86.0	3.8
07:00	-1.6	-.6	-.6	.9	1.0	-3.2	3.6	89.0	3.9
08:00	-.5	-.5	-.4	.1	<	-3.6	3.5	80.2	3.7
09:00	1.3	1.0	.7	-.3	<	-3.8	3.4	68.9	3.6
10:00	3.2	2.6	1.9 D	-.5	-.6 -	-3.5	3.3	62.0	3.7
11:00	4.4	3.8	3.5	-.6	-.9	-3.7	3.3	56.2	3.6
12:00	5.3	4.7	4.8	-.5	-1.5	-3.6	3.6	53.3	3.7
13:00	7.0	6.6	5.5	-.5	-1.5	-3.2	3.7	48.7	3.8
14:00	8.2	7.7	6.7	-.5	-1.5	-4.0	4.0	42.1	3.5
15:00	9.0	8.6	7.5	-.5	-1.5	-4.0	4.5	40.3	3.5
16:00	9.2	8.9	7.9 D	-.3	-1.3 D	-3.8	4.8	40.3	3.6
17:00	8.1	8.6	7.4	.5	-.7	-2.3	4.9	48.5	4.0
18:00	5.6	6.7	6.9	1.2	1.3	-1.5	4.9	61.2	4.3
19:00	3.6	4.8	6.4	1.1	2.8	-.9	4.7	72.8	4.5
20:00	2.1	3.6	5.7	1.5	3.6	-1.0	4.6	80.7	4.5
21:00	1.0	2.3	5.2	1.3	4.2	-1.1	4.4	86.8	4.5
22:00	.0	1.2	5.3	1.2	5.2	-1.3	4.2	91.4	4.4
23:00	-.7	.4	3.4	1.1	4.1	-1.5	4.0	95.0	4.4
Avg	2.7	3.1	3.3	.4	.8	-2.7	4.2	70.9	4.0
Max	9.2	8.9	7.9	1.5	5.2	-.9	5.0	95.0	4.5
Hr. of Max	16	16	16	20	22	19	00	23	21
Min	-1.6	-.6	-.6	-.6	-1.5	-4.0	3.3	40.3	3.5
Count	24	24	24	24	20	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	5.3	.00	29.31	-2.0	348	302	307	12
01:00	.0	5.3	.00	29.31	-2.6	359	64	55	16
02:00	.0	5.3	.00	29.32	-2.9	46	53	50	16
03:00	.0	5.0	.00	29.33	-2.6	57	49	42	29
04:00	.0	4.8	.00	29.35	-3.2	31	31	33	28
05:00	.0	4.8	.00	29.36	-2.6	50	38	27	15
06:00	.0	4.7	.00	29.38	-2.9	312	64	40	18
07:00	.0	4.8	.00	29.39	-.7	71	50	39	10
08:00	.0	4.7	.00	29.39	45.9	63	64	50	23
09:00	.0	4.6	.00	29.40	243.1	75	65	51	19
10:00	.0	4.7	.00	29.41	410.4	80	72	59	16
11:00	.0	4.7	.00	29.40	522.6	83	73	69	18
12:00	.0	4.7	.00	29.36	575.9	76	71	65	20
13:00	.0	4.9	.00	29.33	567.7	83	71	63	19
14:00	.0	4.6	.00	29.32	475.9	101	93	77	18
15:00	.0	4.6	.00	29.32	295.0	92	76	73	20
16:00	.0	4.7	.00	29.32	167.4	65	67	68	22
17:00	.0	5.2	.00	29.32	18.5	348	62	52	12
18:00	.0	5.5	.00	29.33	-2.1	350	77	98	8
19:00	.0	5.7	.00	29.32	-2.2	20	71	146	4
20:00	.0	5.7	.00	29.32	-2.3	61	52	188	4
21:00	.0	5.7	.00	29.31	-2.3	13	44	228	6
22:00	.0	5.6	.00	29.31	-2.6	281	65	241	8
23:00	.0	5.5	.00	29.31	-2.8	29	60	3	15
Avg	.0	5.0	.00	29.34	137.0	44	60	56	16
Max	.0	5.7	.00	29.41	575.9	359	302	307	29
Hr. of Max	23	21	23	10	12	01	00	00	03
Min	.0	4.6	.00	29.31	-3.2	13	31	3	4
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	18	12	1.0	1.2	5.7	3.9	6.2	9.2
01:00	12	5	1.5	1.7	4.5	3.7	5.5	11.4
02:00	11	5	1.7	3.9	9.5	5.5	11.2	18.5
03:00	16	8	2.0	4.7	11.3	8.5	12.1	27.7
04:00	15	7	1.3	4.8	10.7	6.4	14.4	25.0
05:00	11	6	1.2	4.0	11.1	6.2	9.2	20.6
06:00	15	6	1.3	1.7	7.5	3.7	6.6	22.4
07:00	10	6	1.0	3.3	10.2	2.7	7.6	16.9
08:00	15	5	2.2	3.7	9.6	8.0	8.9	19.0
09:00	18	8	4.8	4.6	8.1	12.1	11.7	15.6
10:00	14	8	7.2	7.4	7.5	15.6	14.2	19.0
11:00	14	8	6.0	6.3	6.2	16.5	16.5	13.1
12:00	16	10	4.6	5.2	5.5	19.5	19.5	12.4
13:00	17	10	5.5	5.4	5.6	15.3	13.1	14.0
14:00	16	15	4.0	3.9	4.3	10.5	9.2	11.4
15:00	21	15	3.1	3.2	3.5	13.7	9.8	14.0
16:00	17	11	2.8	3.1	3.6	8.0	8.2	7.8
17:00	13	6	.9	1.2	2.9	2.7	5.3	6.9
18:00	10	3	.7	1.0	2.7	2.1	2.5	4.8
19:00	3	2	.4	.7	3.5	2.1	2.5	7.6
20:00	5	1	.3	.5	3.4	1.6	2.0	7.1
21:00	4	8	.3	.5	1.5	2.1	2.4	5.7
22:00	10	3	.5	.7	1.8	1.8	2.2	3.9
23:00	6	6	.5	.7	1.6	2.1	2.4	5.5
Avg	13	7	2.3	3.1	5.9	7.3	8.5	13.3
Max	21	15	7.2	7.4	11.3	19.5	19.5	27.7
Hr. of Max	15	15	10	10	03	12	12	03
Min	3	1	.3	.5	1.5	1.6	2.0	3.9
Count	24	24	24	24	24	24	24	24
Total								