Current Time: 6:24 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/2/2013

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	4.9	4.7	4.4	-.2	-.5	4.4	6.1	97.8	6.5
01:00	4.4	4.4	3.9	-.1	-.5	4.0	6.1	97.8	6.3
02:00	4.3	4.2	3.8	-.1	-.5	3.8	6.1	97.8	6.3
03:00	4.1	4.0	3.6	-.1	-.5	3.7	6.0	97.7	6.2
04:00	3.9	3.8	3.4	-.1	-.5 -	3.4	6.0	97.7	6.1
05:00	3.7	3.6	3.2	-.1	-.5 -	3.2	6.0	97.7	6.0
06:00	3.4	3.3	2.9	-.1	-.5	2.9	5.9	97.4	5.9
07:00	3.0	3.0	2.6	.0	-.4	2.5	5.9	97.2	5.7
08:00	2.8	2.7	2.3	-.1	-.5 -	2.2	5.8	96.4	5.6
09:00	3.1	2.8	2.4	-.3	<	1.6	5.8	90.4	5.4
10:00	3.3	3.0	2.4 D	-.4	<	.8	5.8	83.7	5.1
11:00	3.5	3.1	2.4	-.4	-1.1	.3	5.9	80.0	4.9
12:00	3.9	3.5	2.8	-.5	-1.1	-.1	6.0	75.4	4.7
13:00	4.2	3.8	3.0	-.4	-1.1	-.1	6.2	74.2	4.7
14:00	4.1	3.7	3.0	-.4	-1.1	-.2	6.4	74.2	4.7
15:00	3.9	3.6	2.9	-.3	-1.1	.0	6.5	76.0	4.8
16:00	3.7	3.5	2.8	-.3	-.9	-.2	6.6	76.1	4.7
17:00	3.3	3.1	2.9	-.2	-.4	-.2	6.6	78.4	4.7
18:00	2.8	2.6	2.3	-.2	-.5	-.2	6.5	81.0	4.7
19:00	2.6	2.5	2.1	-.1	-.5	-.1	6.4	83.2	4.8
20:00	2.4	2.3	1.8	-.1	-.6	.0	6.3	84.7	4.8
21:00	2.3	2.3	1.8	-.1	-.6	.2	6.2	86.4	4.9
22:00	2.3	2.2	2.0	-.1	-.3	.4	6.1	87.8	4.9
23:00	2.1	1.9	1.7	-.2	-.3	.4	6.0	89.2	4.9
Avg	3.4	3.2	2.8	-.2	-.6	1.4	6.1	87.4	5.3
Max	4.9	4.7	4.4	.0	-.3	4.4	6.6	97.8	6.5
Hr. of Max	00	00	00	07	23	00	17	02	00
Min	2.1	1.9	1.7	-.5	-1.1	-.2	5.8	74.2	4.7
Count	24	24	24	24	22	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	8.4	.00	29.06	-2.3	266	278	289	17
01:00	.0	8.1	.00	29.07	-2.0	255	260	283	13
02:00	.0	8.0	.00	29.08	-2.0	241	219	248	8
03:00	.0	8.0	.00	29.10	-2.3	189	169	157	15
04:00	.0	7.8	.00	29.10	-2.3	2	39	49	18
05:00	.0	7.7	.00	29.11	-2.0	349	17	14	15
06:00	.0	7.5	.00	29.13	-2.3	38	29	14	21
07:00	.0	7.3	.00	29.15	-1.3	18	30	26	17
08:00	.0	7.2	.00	29.16	27.2	42	52	51	24
09:00	.0	6.8	.00	29.17	97.1	57	51	49	32
10:00	.0	6.5	.00	29.18	155.7	65	53	46	31
11:00	.0	6.2	.00	29.19	162.2	63	44	37	36
12:00	.0	6.1	.00	29.17	220.8	60	44	39	32
13:00	.0	6.1	.00	29.15	205.5	36	34	29	33
14:00	.0	6.0	.00	29.15	134.1	45	33	30	38
15:00	.0	6.1	.00	29.16	82.3	44	36	33	37
16:00	.0	6.0	.00	29.15	48.0	57	50	48	32
17:00	.0	6.0	.00	29.17	2.5	64	65	59	25
18:00	.0	6.0	.00	29.17	-2.5	46	46	42	25
19:00	.0	6.1	.00	29.18	-2.8	11	35	38	19
20:00	.0	6.1	.00	29.19	-2.2	328	359	29	13
21:00	.0	6.2	.00	29.19	-3.4	336	345	22	12
22:00	.0	6.3	.00	29.20	-3.1	292	306	326	14
23:00	.0	6.3	.00	29.20	-2.3	281	291	301	14
Avg	.0	6.8	.00	29.15	45.9	18	24	24	23
Max	.0	8.4	.00	29.20	220.8	349	359	326	38
Hr. of Max	23	00	23	23	12	05	20	22	14
Min	.0	6.0	.00	29.06	-3.4	2	17	14	8
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	12	5	3.7	5.2	8.6	10.8	11.4	16.9
01:00	14	13	2.8	3.7	5.5	9.2	14.7	22.0
02:00	5	7	1.2	1.0	2.0	4.4	5.3	5.7
03:00	18	11	1.3	1.2	2.8	3.9	4.8	8.9
04:00	17	19	.8	1.0	2.3	4.8	3.9	6.2
05:00	20	18	.7	.9	3.7	3.9	3.9	8.5
06:00	19	18	1.1	2.2	4.8	5.3	8.0	12.6
07:00	12	6	.9	2.9	5.6	5.7	7.3	9.8
08:00	18	8	1.8	3.3	5.4	6.9	9.6	12.4
09:00	19	8	2.9	5.6	8.7	9.8	14.4	16.7
10:00	20	7	3.6	5.5	9.1	10.1	14.2	17.4
11:00	20	11	2.6	5.0	7.2	8.0	14.4	17.9
12:00	19	10	3.5	5.2	6.6	11.7	11.0	12.6
13:00	30	16	2.5	3.2	5.2	9.8	10.1	12.1
14:00	24	12	2.0	4.1	6.1	7.1	10.1	11.0
15:00	16	6	2.6	5.7	8.4	7.1	11.7	12.1
16:00	21	9	2.2	3.9	6.5	8.0	10.3	17.4
17:00	16	7	2.8	4.3	5.7	8.5	16.5	14.4
18:00	14	6	1.5	3.5	5.5	6.9	7.3	13.5
19:00	11	7	.7	1.8	3.9	3.4	6.4	6.9
20:00	18	9	1.0	1.1	3.7	4.1	5.0	8.7
21:00	15	13	.7	.8	3.3	4.6	4.6	7.8
22:00	11	13	1.4	1.8	3.6	3.9	4.1	5.3
23:00	13	4	2.1	2.7	5.1	6.2	7.6	8.9
Avg	17	10	1.9	3.2	5.4	6.8	9.0	11.9
Max	30	19	3.7	5.7	9.1	11.7	16.5	22.0
Hr. of Max	13	04	00	15	10	12	17	01
Min	5	4	.7	.8	2.0	3.4	3.9	5.3
Count	24	24	24	24	24	24	24	24
Total								