Current Time: 7:54 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/28/2013

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	-2.4	-2.5	-3.0	-.1	-.6	-7.6	4.4	67.6	2.8
01:00	-2.7	-2.8	-3.3	-.1	-.5	-7.6	4.3	69.3	2.8
02:00	-3.1	-3.2	-3.5	-.1	-.5	-7.7	4.1	70.6	2.7
03:00	-3.6	-3.6	-4.1	.0	-.5	-7.1	4.0	77.0	2.9
04:00	-3.8	-4.0	-4.1	-.1	-.3	-6.8	3.9	80.4	3.0
05:00	-4.7	-4.2	-4.0	.5	.7	-6.3	3.8	88.6	3.1
06:00	-5.1	-4.1	-4.0	1.0	1.1	-6.4	3.7	91.1	3.1
07:00	-5.4	-4.6	-4.4	.8	1.1	-6.4	3.6	93.2	3.1
08:00	-4.1	-4.0	-3.8	.1	.3	-7.2	3.5	79.8	2.9
09:00	-2.1	-2.6	-3.0	-.4	-.9	-7.5	3.4	67.3	2.8
10:00	-.9	-1.4	-1.7	-.5	-.8	-8.5	3.4	57.0	2.6
11:00	.2	-.2	-.7	-.4	-.9	-8.4	3.6	52.7	2.6
12:00	1.7	1.2	.7	-.4	-1.0	-8.0	3.9	49.1	2.7
13:00	3.2	2.8	2.2	-.3	-1.0	-8.6	4.2	42.4	2.5
14:00	4.5	4.3	3.3	-.2	-1.2	-9.3	4.8	36.3	2.4
15:00	5.2	4.7	4.1	-.5	-1.1	-8.8	5.3	36.0	2.5
16:00	5.4	5.3	4.1	-.1	-1.3	-7.7	5.6	38.8	2.7
17:00	3.4	4.2	4.4	.8	1.0	-5.6	5.6	52.4	3.2
18:00	1.3	2.5	3.1	1.2	1.8	-5.3	5.4	61.7	3.3
19:00	.0	1.1	2.5	1.1	2.5	-4.6	5.1	71.5	3.4
20:00	-1.1	.0	1.5	1.2	2.6	-4.7	4.8	77.0	3.4
21:00	-1.5	-.4	1.1	1.1	<	-4.4	4.5	80.8	3.5
22:00	-2.0	-1.1	.8	.9	2.8	-4.4	4.3	84.1	3.5
23:00	-2.4	-1.6	.1	.8	2.5	-4.2	4.1	87.6	3.6
Avg	-.8	-.6	-.5	.3	.3	-6.8	4.3	67.2	3.0
Max	5.4	5.3	4.4	1.2	2.8	-4.2	5.6	93.2	3.6
Hr. of Max	16	16	17	20	22	23	17	07	23
Min	-5.4	-4.6	-4.4	-.5	-1.3	-9.3	3.4	36.0	2.4
Count	24	24	24	24	23	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	0.002173	3.5	.00	29.31	-2.4	359	8	3	24
01:00	0.002169	3.4	.00	29.31	-3.0	330	352	353	22
02:00	0.002152	3.4	.00	29.33	-3.4	296	320	337	22
03:00	0.002263	3.6	.00	29.34	-2.9	245	279	330	18
04:00	0.002313	3.7	.00	29.35	-3.2	238	259	339	11
05:00	0.002387	3.8	.00	29.36	-3.0	291	6	29	10
06:00	0.00238	3.8	.00	29.38	-3.3	313	17	37	14
07:00	0.002373	3.8	.00	29.40	5.2	303	16	38	12
08:00	0.002235	3.6	.00	29.42	125.1	75	56	51	18
09:00	0.00219	3.5	.00	29.43	336.0	87	81	57	16
10:00	0.00203	3.2	.00	29.44	456.1	104	94	80	22
11:00	0.002039	3.3	.00	29.42	550.1	85	83	85	23
12:00	0.002114	3.4	.00	29.40	584.5	84	87	76	30
13:00	0.002028	3.2	.00	29.39	547.5	200	223	248	21
14:00	0.00192	3.1	.00	29.38	449.5	213	211	210	30
15:00	0.001997	3.2	.00	29.37	248.1	169	182	188	19
16:00	0.002175	3.5	.00	29.38	116.2	223	230	230	15
17:00	0.002544	4.1	.00	29.39	4.1	297	231	226	6
18:00	0.002591	4.1	.00	29.40	-2.4	14	3	204	6
19:00	0.002727	4.3	.00	29.41	-2.3	309	75	248	5
20:00	0.002701	4.3	.00	29.42	-2.7	286	266	217	4
21:00	0.002757	4.4	.00	29.42	-3.0	293	306	270	3
22:00	0.002764	4.4	.00	29.44	-3.1	303	287	309	6
23:00	0.002799	4.5	.00	29.46	-3.3	299	36	308	7
Avg	0.002326	3.7	.00	29.39	141.0	296	349	330	15
Max	0.002799	4.5	.00	29.46	584.5	359	352	353	30
Hr. of Max	23	23	23	23	12	00	01	01	14
Min	0.00192	3.1	.00	29.31	-3.4	14	3	3	3
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	28	1.9	4.1	8.5	6.2	15.8	19.2
01:00	24	16	2.8	5.1	9.7	7.1	10.5	14.4
02:00	23	17	2.1	3.3	6.6	11.2	9.6	20.4
03:00	15	11	2.1	2.4	4.4	6.6	7.1	9.2
04:00	12	16	1.7	1.7	3.2	4.6	4.6	7.6
05:00	25	8	1.0	1.4	4.2	2.3	3.7	7.6
06:00	20	3	1.1	2.4	6.9	2.7	5.5	13.1
07:00	18	3	.7	1.3	5.0	2.3	9.6	14.0
08:00	18	8	1.3	1.5	4.7	6.9	7.1	9.8
09:00	13	10	5.2	5.4	4.5	9.4	10.3	9.8
10:00	17	15	3.9	4.1	4.1	9.6	11.2	12.4
11:00	25	17	3.2	3.0	2.9	9.4	8.2	8.0
12:00	25	29	2.6	2.1	1.7	10.3	9.2	6.6
13:00	29	31	2.3	1.8	1.9	6.2	6.2	7.1
14:00	33	22	2.5	2.2	2.9	7.3	7.8	7.8
15:00	18	22	2.6	2.8	2.8	6.0	6.2	6.9
16:00	12	10	1.8	2.3	3.3	5.0	5.7	9.2
17:00	5	4	1.0	1.1	4.5	3.0	5.3	9.6
18:00	7	1	.4	.8	4.2	2.1	2.5	10.5
19:00	3	5	.6	.9	1.6	2.1	2.3	5.3
20:00	7	2	.5	.9	2.4	2.5	2.3	3.7
21:00	5	2	.6	1.0	4.5	2.3	2.1	6.6
22:00	10	6	.2	.6	3.9	1.4	1.4	11.2
23:00	1	7	.4	.8	3.4	1.4	2.5	7.1
Avg	16	12	1.8	2.2	4.2	5.3	6.5	9.9
Max	33	31	5.2	5.4	9.7	11.2	15.8	20.4
Hr. of Max	14	13	09	09	01	02	00	02
Min	1	1	.2	.6	1.6	1.4	1.4	3.7
Count	24	24	24	24	24	24	24	24
Total								