Current Time: 7:19 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/1/2014

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	-1.2	.2	2.7	1.4	3.9	-4.6	.8	78.1	3.5
01:00	-1.7	-.6	1.7	1.0	3.4	-4.6	.9	81.0	3.5
02:00	-2.2	-1.3	.6	.9	2.8	-4.6	.9	83.9	3.5
03:00	-2.3	-1.5	.4	.8	2.7	-4.6	.9	85.0	3.5
04:00	-2.8	-2.0	-.5	.9	2.3	-4.7	.9	87.0	3.4
05:00	-3.3	-2.3	-1.1	1.0	2.2	-4.9	.9	89.0	3.4
06:00	-3.7	-2.7	-1.2	1.0	2.5	-5.1	.9	90.5	3.4
07:00	-4.0	-3.0	-1.1	1.1	2.9	-5.2	.9	92.2	3.3
08:00	-3.2	-2.7	-.6	.5	2.6	-5.4	.9	85.1	3.3
09:00	.1	.0	.0	-.1	-.1	-4.6	.9	71.5	3.5
10:00	4.4	4.0	3.2	-.4	-1.2	-5.4	.9	49.6	3.2
11:00	7.9	7.7	6.3	-.2	-1.6	-7.0	.9	34.8	2.8
12:00	9.6	9.4	8.1	-.2	-1.5	-7.1	.9	30.6	2.8
13:00	10.8	10.6	9.6	-.2	-1.2	-7.1	.9	28.2	2.8
14:00	11.8	11.5	10.3	-.2	-1.5	-5.6	1.1	29.8	3.1
15:00	12.2	12.0	11.0	-.2	-1.2	-3.0	1.5	35.1	3.8
16:00	12.3	12.1	11.0	-.3	-1.3	-.2	1.9	42.6	4.6
17:00	11.7	11.6	11.2	-.1	-1.5	2.5	2.3	54.1	5.6
18:00	10.4	10.6	10.8	.2	.4	4.3	2.5	66.5	6.4
19:00	10.5	10.6	10.4	.1	-.1	6.1	2.6	75.2	7.2
20:00	9.6	9.8	9.6	.2	.0	6.3	2.6	80.7	7.3
21:00	8.5	9.3	9.2	.8	.7	6.4	2.5	87.5	7.4
22:00	6.2	8.6	8.4	2.4	2.2	5.5	2.4	96.1	7.0
23:00	4.9	6.7	7.8	1.8	2.9	4.4	2.3	97.2	6.5
Avg	4.4	4.9	5.3	.5	.8	-2.0	1.4	68.8	4.4
Max	12.3	12.1	11.2	2.4	3.9	6.4	2.6	97.2	7.4
Hr. of Max	16	16	17	22	00	21	20	23	21
Min	-4.0	-3.0	-1.2	-.4	-1.6	-7.1	.8	28.2	2.8
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	0.002747	4.3	.00	29.16	-2.5	32	63	63	12
01:00	0.002755	4.4	.00	29.16	-2.6	17	68	59	10
02:00	0.002754	4.4	.00	29.15	-2.5	33	57	72	9
03:00	0.002752	4.3	.00	29.15	-2.7	340	74	46	9
04:00	0.00272	4.3	.00	29.16	-2.8	39	62	55	8
05:00	0.002692	4.3	.00	29.17	-2.9	8	66	63	8
06:00	0.002652	4.2	.00	29.17	-3.1	21	59	74	10
07:00	0.002631	4.2	.00	29.17	2.6	35	62	60	11
08:00	0.002582	4.1	.00	29.18	40.4	85	57	59	12
09:00	0.00276	4.4	.00	29.18	323.5	104	71	56	15
10:00	0.002613	4.1	.00	29.17	469.8	104	98	66	17
11:00	0.002329	3.7	.00	29.15	534.2	207	215	222	20
12:00	0.002305	3.6	.00	29.12	461.7	249	253	253	17
13:00	0.002309	3.6	.00	29.10	398.9	255	258	254	18
14:00	0.002606	4.1	.00	29.09	334.8	242	245	241	18
15:00	0.003152	5.0	.00	29.08	293.3	262	262	257	16
16:00	0.003863	6.1	.00	29.08	261.8	255	261	253	17
17:00	0.004705	7.4	.00	29.09	59.0	248	246	240	18
18:00	0.005309	8.3	.00	29.09	-1.4	227	232	233	13
19:00	0.006032	9.5	.00	29.10	-2.3	244	246	236	17
20:00	0.006083	9.5	.00	29.10	-2.3	235	238	230	13
21:00	0.006125	9.6	.00	29.10	-2.0	269	225	234	7
22:00	0.00576	9.0	.00	29.10	-2.2	72	276	237	9
23:00	0.005318	8.4	.00	29.11	-2.3	41	34	259	8
Avg	0.003565	5.6	.00	29.13	131.2	325	352	248	13
Max	0.006125	9.6	.00	29.18	534.2	340	276	259	20
Hr. of Max	21	21	23	09	11	03	22	23	11
Min	0.002305	3.6	.00	29.08	-3.1	8	34	46	7
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	.6	2.3	3.8	2.3	5.7	6.4
01:00	5	2	.2	1.8	5.2	1.4	5.5	11.0
02:00	4	2	.2	1.5	4.7	1.8	3.0	9.8
03:00	4	2	.5	1.3	3.8	1.6	3.4	7.3
04:00	4	2	.5	1.4	3.8	2.1	3.0	9.8
05:00	5	3	.6	1.3	2.9	2.5	3.2	5.7
06:00	6	2	.5	1.3	4.6	1.8	3.4	8.0
07:00	4	2	.3	2.0	3.8	1.4	3.9	8.0
08:00	7	2	.7	1.9	4.3	2.3	4.8	8.7
09:00	15	3	2.1	2.0	4.2	6.0	6.9	8.0
10:00	20	21	2.6	2.1	1.6	7.8	7.3	5.0
11:00	20	18	3.8	4.1	4.8	11.9	11.2	10.8
12:00	15	14	5.9	6.5	7.2	13.3	12.8	13.3
13:00	16	11	6.8	7.8	9.7	14.4	17.4	17.9
14:00	15	12	6.7	8.1	9.9	15.6	16.9	19.0
15:00	15	11	6.2	7.8	10.3	14.9	20.6	18.5
16:00	15	11	7.1	9.0	12.2	22.0	21.5	20.4
17:00	14	8	4.7	6.9	11.3	14.4	15.8	21.8
18:00	10	6	3.2	6.1	12.5	8.7	15.1	23.1
19:00	14	7	6.6	10.1	18.4	16.7	22.0	28.6
20:00	9	6	2.7	5.2	11.9	8.5	12.4	24.3
21:00	5	5	1.4	2.9	9.0	3.0	7.6	22.2
22:00	8	6	.3	1.3	7.2	2.1	5.7	20.4
23:00	16	7	.5	1.0	5.1	2.7	2.7	12.8
Avg	10	7	2.7	4.0	7.2	7.5	9.7	14.2
Max	20	21	7.1	10.1	18.4	22.0	22.0	28.6
Hr. of Max	11	10	16	19	19	16	19	19
Min	4	2	.2	1.0	1.6	1.4	2.7	5.0
Count	24	24	24	24	24	24	24	24
Total								