Current Time: 8:47 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/5/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHum gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	9.3	10.2	11.1	.9	1.8	3.3	12.3	66.7	6.0
01:00	8.4	9.5	10.6	1.1	2.2	3.7	12.1	73.1	6.1
02:00	8.0	8.8	10.0	.7	2.0	4.1	11.9	77.1	6.4
03:00	7.2	8.3	9.2	1.1	2.0	4.1	11.8	81.4	6.4
04:00	7.0	7.6	9.3	.6	2.3	4.4	11.6	84.5	6.5
05:00	7.2	7.6	8.6	.4	1.4	4.5	11.5	83.7	6.5
06:00	6.9	7.1	8.0	.2	1.1	4.5	11.3	85.4	6.5
07:00	6.6	6.8	7.6	.2	1.0	4.8	11.1	89.0	6.7
08:00	7.8	8.0	7.8	.2	.0	5.1	11.0	84.1	6.8
09:00	10.1	9.7	9.2	-.4	-.9	3.5	11.1	64.5	6.0
10:00	12.1	11.6	11.1	-.5	-1.0	1.6	11.4	49.4	5.3
11:00	13.9	13.4	12.8	-.5	-1.1	1.4	11.8	43.1	5.2
12:00	15.6	15.2	14.6	-.4	-1.0	1.1	12.7	38.0	5.0
13:00	16.6	16.4	15.7	-.2	-.9	.8	13.4	34.9	4.9
14:00	17.6	17.3	16.7	-.3	-.9	1.6	13.9	34.7	5.2
15:00	18.5	18.1	17.7	-.4	-.8	2.5	14.3	35.1	5.5
16:00	18.7	18.4	17.7	-.3	-1.0	3.4	14.5	37.0	5.9
17:00	16.6	17.2	17.5	.6	.9	5.1	14.6	47.3	6.6
18:00	15.0	15.6	16.7	.6	1.7	5.8	14.4	55.1	7.0
19:00	13.9	14.3	15.7	.4	1.8	6.1	14.1	60.0	7.1
20:00	12.9	13.8	15.0	.9	2.1	6.6	13.8	66.6	7.4
21:00	11.8	12.9	13.6	1.2	1.8	6.5	13.5	71.3	7.4
22:00	10.6	11.7	12.7	1.1	2.1	6.0	13.2	73.8	7.2
23:00	9.2	10.4	11.8	1.2	2.6	5.5	12.8	78.3	6.9
Avg	11.7	12.1	12.5	.4	.8	4.0	12.7	63.1	6.3
Max	18.7	18.4	17.7	1.2	2.6	6.6	14.6	89.0	7.4
Hr. of Max	16	16	16	23	23	20	17	07	21
Min	6.6	6.8	7.6	-.5	-1.1	.8	11.0	34.7	4.9
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	0.004888	7.8	.00	29.39	-2.2	287	231	242	10
01:00	0.005023	8.0	.00	29.40	-2.1	296	232	244	11
02:00	0.005191	8.2	.00	29.40	-2.2	16	38	235	13
03:00	0.00518	8.2	.00	29.41	-2.5	264	243	235	10
04:00	0.005286	8.4	.00	29.41	-2.7	325	189	215	10
05:00	0.005314	8.4	.00	29.41	-2.1	7	65	76	8
06:00	0.005325	8.5	.00	29.42	-2.1	42	70	69	7
07:00	0.005421	8.6	.00	29.42	28.1	40	65	81	9
08:00	0.005558	8.8	.00	29.43	118.5	80	57	60	12
09:00	0.004965	7.9	.00	29.43	284.9	78	70	64	26
10:00	0.004353	6.9	.00	29.44	535.2	74	64	60	27
11:00	0.004288	6.8	.00	29.43	629.6	61	57	56	25
12:00	0.004207	6.7	.00	29.41	558.8	112	109	96	22
13:00	0.004126	6.6	.00	29.39	352.1	258	247	236	24
14:00	0.004374	6.9	.00	29.37	337.7	142	165	218	23
15:00	0.004683	7.4	.00	29.35	293.5	132	150	147	29
16:00	0.005006	7.9	.00	29.34	152.2	134	128	118	15
17:00	0.005589	8.8	.00	29.33	13.4	322	75	135	10
18:00	0.005884	9.3	.00	29.33	-1.5	18	52	85	10
19:00	0.005968	9.4	.00	29.33	-1.8	46	54	94	16
20:00	0.006203	9.8	.00	29.32	-1.6	86	48	80	13
21:00	0.006166	9.7	.00	29.32	-1.7	68	52	63	21
22:00	0.005928	9.4	.00	29.33	-1.8	331	150	42	8
23:00	0.005715	9.0	.00	29.33	-1.9	339	302	243	5
Avg	0.005193	8.2	.00	29.38	136.6	35	88	109	15
Max	0.006203	9.8	.00	29.44	629.6	339	302	244	29
Hr. of Max	20	20	23	10	11	23	23	01	15
Min	0.004126	6.6	.00	29.32	-2.7	7	38	42	5
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	6	2	.9	1.4	7.0	2.5	3.2	14.0
01:00	15	4	.9	1.2	6.8	3.2	4.1	12.8
02:00	11	9	.8	1.1	2.4	4.4	3.0	10.1
03:00	4	2	1.5	2.0	5.5	3.7	4.1	8.0
04:00	13	6	1.3	1.7	3.9	3.7	4.4	11.0
05:00	5	7	.8	1.5	2.3	2.1	6.9	5.0
06:00	4	3	.9	1.9	3.3	2.3	4.6	7.8
07:00	5	2	.8	2.1	5.2	2.1	5.3	10.1
08:00	12	4	1.2	2.2	4.5	5.0	6.2	10.1
09:00	18	11	3.8	4.3	5.0	10.1	10.3	11.4
10:00	23	12	3.5	3.7	3.8	9.6	11.0	8.9
11:00	23	18	4.1	4.0	3.8	11.4	10.3	10.5
12:00	27	34	2.5	2.1	1.5	7.1	7.1	8.2
13:00	24	22	2.7	2.6	2.5	9.4	10.1	10.1
14:00	27	31	2.2	2.1	2.3	10.3	9.8	9.2
15:00	25	18	2.4	2.7	3.6	7.6	9.4	7.3
16:00	11	10	2.4	2.9	3.3	6.6	6.9	8.0
17:00	17	5	1.2	1.4	3.5	3.2	6.6	8.0
18:00	6	4	.8	.9	2.0	2.3	3.4	5.7
19:00	7	3	1.1	2.7	8.3	4.4	8.9	15.1
20:00	14	4	1.3	3.4	9.2	5.5	9.6	27.9
21:00	14	4	1.1	3.2	5.6	5.5	8.5	14.0
22:00	8	3	1.1	1.2	2.1	8.7	9.2	6.2
23:00	4	8	1.1	1.6	1.3	2.5	3.9	3.2
Avg	13	9	1.7	2.2	4.1	5.6	7.0	10.1
Max	27	34	4.1	4.3	9.2	11.4	11.0	27.9
Hr. of Max	14	12	11	09	20	11	10	20
Min	4	2	.8	.9	1.3	2.1	3.0	3.2
Count	24	24	24	24	24	24	24	24
Total								