Current Time: 6:57 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/1/2013

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	19.4	19.3	19.3	-.1	-.1	18.3	16.9	95.7	15.7
01:00	19.3	19.3	19.0	.0	-.4	18.6	16.9	97.8	15.9
02:00	19.1	19.0	18.7	-.1	-.4	18.4	17.0	97.9	15.7
03:00	18.5	18.4	18.5	-.2	-.1	17.9	17.0	97.9	15.2
04:00	17.6	17.5	17.6	-.1	.0	17.0	17.0	97.9	14.4
05:00	17.3	17.2	17.5	.0	.2	16.6	17.0	98.0	14.1
06:00	16.8	16.9	17.2	.0	.4	16.2	16.9	98.0	13.8
07:00	15.7	16.2	16.0	.5	.3	15.1	16.7	97.9	12.9
08:00	14.5	15.2	15.1	.7	.6	13.9	16.5	97.8	12.0
09:00	15.7	15.8	15.3	.1	-.4	13.0	16.3	85.3	11.3
10:00	16.8	16.7	16.1	-.1	-.7	10.9	16.2	69.6	9.8
11:00	17.2	17.1	16.7	-.1	-.5	10.8	16.5	66.9	9.7
12:00	18.4	18.1	17.2	-.2	-1.2	10.6	16.9	61.7	9.6
13:00	19.2	18.9	18.0	-.3	-1.2	9.0	17.5	52.6	8.6
14:00	19.9	19.6	18.4	-.3	-1.5	7.9	18.1	46.7	8.0
15:00	20.3	20.0	18.9	-.3	-1.4	7.6	18.5	44.6	7.8
16:00	20.3	20.1	18.9	-.2	-1.4	7.6	18.8	44.8	7.8
17:00	20.4	20.3	19.4	-.2	-1.0	6.4	18.8	40.9	7.2
18:00	18.8	18.9	18.7	.1	-.1	5.5	18.6	42.4	6.8
19:00	17.3	17.9	17.8	.5	.5	5.8	18.2	47.3	6.9
20:00	15.8	16.6	16.5	.8	.7	6.0	17.6	52.9	7.1
21:00	12.5	14.0	14.7	1.5	2.2	7.2	17.1	71.0	7.7
22:00	10.9	12.7	13.9	1.8	3.0	7.4	16.6	80.5	7.9
23:00	10.0	11.4	12.8	1.4	2.8	7.5	16.1	85.5	8.0
Avg	17.2	17.4	17.2	.2	.0	11.5	17.2	73.8	10.6
Max	20.4	20.3	19.4	1.8	3.0	18.6	18.8	98.0	15.9
Hr. of Max	17	17	17	22	22	01	17	06	01
Min	10.0	11.4	12.8	-.3	-1.5	5.5	16.1	40.9	6.8
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	0.013778	21.1	.10	28.79	-1.6	215	218	205	22
01:00	0.014034	21.5	.07	28.78	-1.7	222	222	210	23
02:00	0.013838	21.2	.02	28.78	-1.3	219	222	211	22
03:00	0.013373	20.5	.20	28.78	-1.7	238	240	232	20
04:00	0.012603	19.4	.00	28.79	-1.6	254	254	249	18
05:00	0.012329	19.0	.00	28.81	-1.7	229	226	232	13
06:00	0.011983	18.5	.00	28.83	-1.5	260	238	217	12
07:00	0.011171	17.2	.00	28.85	-1.3	263	255	252	12
08:00	0.01028	15.9	.00	28.87	19.6	265	245	242	9
09:00	0.009689	15.0	.00	28.89	145.8	237	245	250	18
10:00	0.008459	13.1	.00	28.89	340.4	241	245	247	20
11:00	0.008378	13.0	.00	28.89	437.1	243	241	242	21
12:00	0.0083	12.9	.00	28.87	619.1	242	244	238	18
13:00	0.007453	11.6	.00	28.85	714.5	235	239	238	21
14:00	0.00693	10.8	.00	28.83	653.5	239	241	234	20
15:00	0.006785	10.5	.00	28.81	449.9	230	237	233	22
16:00	0.006795	10.5	.00	28.81	266.9	247	247	242	17
17:00	0.006266	9.7	.00	28.81	183.2	241	252	257	17
18:00	0.005877	9.1	.00	28.82	20.0	271	272	272	15
19:00	0.005973	9.3	.00	28.84	-1.2	282	279	276	14
20:00	0.006046	9.4	.00	28.86	-1.5	289	266	284	11
21:00	0.006549	10.2	.00	28.87	-1.6	311	220	279	7
22:00	0.006659	10.4	.00	28.88	-2.1	293	237	263	4
23:00	0.006683	10.4	.00	28.89	-2.2	289	253	245	1
Avg	0.009176	14.2	.01	28.84	159.5	252	243	244	16
Max	0.014034	21.5	.20	28.89	714.5	311	279	284	23
Hr. of Max	01	01	03	23	13	21	19	20	01
Min	0.005877	9.1	.00	28.78	-2.2	215	218	205	1
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	19	10	5.9	8.8	16.6	24.0	30.9	37.6
01:00	18	9	9.5	14.1	24.7	28.6	34.6	46.0
02:00	17	10	10.9	15.5	24.4	30.0	43.5	80.4
03:00	16	9	9.8	14.1	23.2	27.0	32.7	44.0
04:00	13	6	4.4	7.6	14.0	14.2	36.9	38.0
05:00	8	5	2.0	4.2	9.8	6.2	6.9	21.8
06:00	10	6	2.5	4.3	8.7	8.0	12.1	19.7
07:00	9	7	2.1	4.7	9.2	6.4	10.5	16.7
08:00	8	6	1.8	4.2	9.9	6.0	8.5	16.3
09:00	12	8	3.2	5.3	8.9	8.0	10.8	16.9
10:00	17	12	4.9	7.0	10.4	11.9	15.1	16.9
11:00	20	11	4.3	6.0	8.0	11.2	13.1	22.0
12:00	15	10	6.6	7.8	9.6	14.7	16.7	16.0
13:00	18	11	6.2	7.9	10.5	15.1	16.3	21.1
14:00	18	12	6.4	8.2	10.4	16.3	19.0	17.4
15:00	17	11	6.0	7.7	9.9	15.3	17.6	20.8
16:00	16	12	4.7	6.6	9.2	24.0	31.6	25.0
17:00	14	9	5.2	7.2	10.8	12.1	14.2	24.7
18:00	13	8	3.8	5.9	11.6	11.7	14.2	20.4
19:00	10	4	3.2	6.2	14.2	14.7	18.8	31.8
20:00	10	4	1.6	3.2	10.3	9.4	15.1	22.9
21:00	6	3	.5	1.1	7.3	1.8	3.9	16.7
22:00	7	2	.9	1.5	5.9	3.0	2.5	11.4
23:00	2	1	.4	1.0	5.7	2.1	1.6	9.6
Avg	13	8	4.5	6.7	11.8	13.4	17.8	25.6
Max	20	12	10.9	15.5	24.7	30.0	43.5	80.4
Hr. of Max	11	16	02	02	01	02	02	02
Min	2	1	.4	1.0	5.7	1.8	1.6	9.6
Count	24	24	24	24	24	24	24	24
Total								