Current Time: 8:09 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/20/2014

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	11.4	12.5	15.0	1.1	3.6	9.1	9.8	86.9	8.8
01:00	11.5	12.3	14.4	.9	2.9	9.1	9.6	86.2	8.8
02:00	11.7	12.2	14.2	.5	2.0	9.1	9.4	85.3	8.8
03:00	11.7	12.0	13.7	.4	1.7	9.0	9.3	84.9	8.8
04:00	11.4	11.7	13.1	.3	1.4	8.8	9.2	85.1	8.7
05:00	11.8	12.0	12.6	.2	.8	8.2	9.2	79.6	8.3
06:00	11.8	11.9	13.2	.1	1.4	8.1	9.1	79.3	8.2
07:00	11.9	12.0	13.2	.1	1.3	8.0	9.1	78.3	8.2
08:00	12.2	12.4	13.4	.2	1.2	8.4	9.1	78.8	8.4
09:00	14.4	14.7	15.0	.3	.6	10.5	9.1	78.4	9.6
10:00	18.1	18.0	17.6	-.1	-.5	14.1	9.3	79.0	12.0
11:00	19.4	19.2	18.3	-.2	-1.1	13.4	9.6	69.4	11.4
12:00	20.5	20.3	19.4	-.2	-1.1	12.9	10.0	62.9	11.1
13:00	21.0	20.8	19.9	-.2	-1.1	13.1	10.5	61.8	11.2
14:00	20.8	20.6	20.3	-.2	-.5	13.6	11.0	64.6	11.6
15:00	20.9	20.7	20.3	-.2	-.5	14.2	11.3	66.9	12.0
16:00	21.8	21.6	21.0	-.2	-.8	14.3	11.5	64.0	12.1
17:00	21.5	21.4	20.8	-.1	-.7	14.0	11.6	63.4	11.8
18:00	20.8	20.7	20.3	-.1	-.5	13.8	11.8	65.4	11.7
19:00	17.4	17.3	17.2	-.1	-.2	15.9	11.8	93.2	13.5
20:00	16.6	16.6	16.9	.0	.2	16.0	11.7	97.8	13.6
21:00	16.9	16.9	16.7	.1	-.2	16.1	11.6	97.2	13.7
22:00	18.0	17.9	17.8	.0	-.1	15.0	11.5	84.7	12.8
23:00	18.7	18.6	18.3	-.1	-.4	14.0	11.4	75.7	11.9
Avg	16.3	16.4	16.8	.1	.4	12.0	10.3	77.9	10.7
Max	21.8	21.6	21.0	1.1	3.6	16.1	11.8	97.8	13.7
Hr. of Max	16	16	16	00	00	21	19	20	21
Min	11.4	11.7	12.6	-.2	-1.1	8.0	9.1	61.8	8.2
Count	24	24	24	24	24	24	24	24	24
Total									

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	14_Mix Ratio	15_Vapor Pr	16_Precip_mm	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	None	KPa	MM	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	0.007412	11.6	.0	.00	29.06	-1.6	1	67	179
01:00	0.007386	11.5	.0	.00	29.06	-2.2	77	60	91
02:00	0.007425	11.6	.0	.00	29.06	-2.1	61	71	50
03:00	0.007375	11.5	.0	.00	29.04	-2.1	38	46	87
04:00	0.007275	11.4	.0	.00	29.03	-1.6	50	64	69
05:00	0.006991	10.9	.0	.00	29.03	-2.0	53	52	62
06:00	0.006933	10.8	.0	.00	29.03	-1.7	76	70	57
07:00	0.006904	10.8	.0	.00	29.03	1.3	34	60	67
08:00	0.007076	11.1	.0	.00	29.04	34.1	308	17	202
09:00	0.008198	12.8	.0	.00	29.05	138.9	189	208	208
10:00	0.010391	16.2	.0	.00	29.05	101.3	213	218	209
11:00	0.009895	15.4	.0	.00	29.04	395.8	200	204	197
12:00	0.009626	15.0	.0	.00	29.02	398.3	213	215	206
13:00	0.009752	15.2	.0	.00	29.00	282.8	212	214	206
14:00	0.010108	15.7	.0	.00	28.97	105.9	216	219	209
15:00	0.01049	16.3	.0	.00	28.95	97.9	218	219	210
16:00	0.010612	16.4	.0	.00	28.94	138.8	213	217	209
17:00	0.010348	16.0	.0	.00	28.93	47.1	211	211	202
18:00	0.01023	15.9	.0	.00	28.93	3.4	200	204	195
19:00	0.011737	18.1	1.3	.04	28.94	-1.5	210	206	189
20:00	0.01177	18.2	.0	.00	28.92	-1.8	251	233	200
21:00	0.011901	18.4	.0	.00	28.89	-1.4	247	231	199
22:00	0.011112	17.2	.0	.00	28.86	-1.7	221	216	194
23:00	0.010404	16.1	.0	.00	28.85	-1.6	221	220	203
Avg	0.009223	14.3	.1	.00	28.99	71.8	210	191	179
Max	0.011901	18.4	1.3	.04	29.06	398.3	308	233	210
Hr. of Max	21	21	19	19	02	12	08	20	15
Min	0.006904	10.8	.0	.00	28.85	-2.2	1	17	50
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	29_Sigma_10m	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	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	9	5	5	.5	1.7	3.1	2.3	3.7	5.5
01:00	8	5	7	.7	2.0	1.8	2.3	5.0	4.4
02:00	13	7	4	.7	2.0	2.3	2.3	6.2	4.1
03:00	24	10	6	.9	1.8	4.6	4.1	5.5	9.2
04:00	12	7	4	.9	2.5	4.4	3.2	6.9	8.0
05:00	12	9	3	.8	2.6	4.3	2.5	6.4	12.8
06:00	16	9	3	.7	1.6	4.6	2.3	10.3	10.8
07:00	10	12	11	1.0	1.5	3.1	3.4	4.1	7.8
08:00	19	26	13	.8	.9	5.0	3.4	4.1	12.6
09:00	16	21	8	2.6	3.6	11.5	14.9	17.9	26.1
10:00	22	17	11	9.0	12.1	19.2	30.5	32.7	41.4
11:00	23	19	13	9.9	12.9	18.1	24.7	29.1	33.9
12:00	22	18	11	10.2	13.4	19.4	30.5	33.4	38.7
13:00	22	17	11	10.9	14.7	21.7	29.1	42.6	59.1
14:00	21	17	10	8.0	10.7	16.2	29.1	34.8	35.5
15:00	21	18	10	7.5	9.6	15.5	30.2	34.6	34.1
16:00	23	18	12	8.8	11.7	18.1	20.6	26.8	36.4
17:00	20	18	11	9.8	13.1	20.0	27.9	32.3	40.8
18:00	21	18	11	7.6	10.3	16.9	23.8	33.0	40.5
19:00	24	19	12	6.9	9.2	16.2	22.7	30.5	47.9
20:00	20	21	11	3.3	5.1	10.7	17.6	24.3	21.3
21:00	22	17	12	3.8	5.8	11.2	12.1	13.5	22.4
22:00	22	18	11	6.2	8.5	15.3	18.5	19.9	29.3
23:00	19	17	11	6.7	9.3	15.2	16.0	24.0	43.5
Avg	18	15	9	4.9	6.9	11.6	15.6	20.1	26.1
Max	24	26	13	10.9	14.7	21.7	30.5	42.6	59.1
Hr. of Max	19	08	11	13	13	13	12	13	13
Min	8	5	3	.5	.9	1.8	2.3	3.7	4.1
Count	24	24	24	24	24	24	24	24	24
Total									