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)

3/2/2014

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	10.0	10.3	10.2	.3	.2	2.7	7.6	61.2	5.7
01:00	10.0	10.3	10.2	.3	.2	2.8	7.5	61.6	5.7
02:00	9.8	10.3	10.2	.5	.4	2.8	7.5	62.4	5.8
03:00	9.9	10.3	10.1	.4	.2	2.7	7.4	61.3	5.7
04:00	9.9	10.3	10.1	.5	.2	2.9	7.4	62.5	5.8
05:00	10.0	10.4	10.2	.3	.2	3.0	7.4	62.4	5.8
06:00	9.9	10.4	10.4	.5	.5	3.2	7.3	63.9	5.9
07:00	9.8	10.4	10.2	.6	.4	3.2	7.3	64.2	5.9
08:00	10.8	10.9	10.3	.1	-.5	3.3	7.3	60.5	5.9
09:00	11.7	11.5	10.7	-.2	-1.0	3.4	7.4	57.2	5.9
10:00	13.7	13.5	12.5	-.2	-1.2	4.2	7.5	53.3	6.3
11:00	15.8	15.5	14.4	-.2	-1.4	5.5	7.8	51.1	6.8
12:00	17.6	17.4	16.7	-.3	-.9	7.7	8.2	53.1	7.9
13:00	18.8	18.5	17.8	-.3	-1.0	8.5	8.6	51.9	8.3
14:00	19.8	19.5	18.7	-.3	-1.1	8.7	9.2	49.6	8.4
15:00	19.7	19.6	19.0	-.2	-.7	9.7	9.7	53.2	9.0
16:00	19.7	19.6	19.2	-.1	-.5	10.0	10.0	54.5	9.2
17:00	19.7	19.7	19.1	.0	-.6	9.9	10.1	54.1	9.1
18:00	18.2	18.2	17.7	.0	-.5	9.9	10.2	59.4	9.2
19:00	15.3	15.1	14.6	-.2	-.7	8.8	10.1	66.2	8.5
20:00	14.0	13.8	13.3	-.2	-.7	8.9	10.1	72.3	8.6
21:00	13.1	13.1	12.5	.0	-.6	10.0	10.0	82.3	9.3
22:00	12.0	12.3	11.6	.3	-.4	11.3	9.9	96.6	10.2
23:00	11.9	11.8	11.4	.0	-.5	11.3	9.8	97.4	10.2
Avg	13.8	13.9	13.4	.1	-.4	6.4	8.6	63.0	7.5
Max	19.8	19.7	19.2	.6	.5	11.3	10.2	97.4	10.2
Hr. of Max	14	17	16	07	06	23	18	23	23
Min	9.8	10.3	10.1	-.3	-1.4	2.7	7.3	49.6	5.7
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	0.004733	7.5	.0	.00	29.21	-2.4	233	237	253
01:00	0.00475	7.5	.0	.00	29.19	-2.0	262	238	247
02:00	0.00477	7.5	.0	.00	29.19	-2.4	227	238	246
03:00	0.004722	7.4	.0	.00	29.17	-1.8	227	237	239
04:00	0.004797	7.6	.0	.00	29.17	-2.3	242	226	241
05:00	0.004838	7.6	.0	.00	29.17	-2.3	238	232	232
06:00	0.004905	7.7	.0	.00	29.17	-1.8	264	238	239
07:00	0.004908	7.7	.0	.00	29.16	16.9	295	241	232
08:00	0.004928	7.8	.0	.00	29.15	43.5	249	259	246
09:00	0.004966	7.8	.0	.00	29.15	105.1	229	236	238
10:00	0.005269	8.3	.0	.00	29.15	179.9	235	239	231
11:00	0.005791	9.1	.0	.00	29.13	257.3	231	232	226
12:00	0.006764	10.6	.0	.00	29.11	292.0	227	230	225
13:00	0.007142	11.2	.0	.00	29.08	512.1	225	228	224
14:00	0.007279	11.4	.0	.00	29.04	359.6	217	221	213
15:00	0.007761	12.1	.0	.00	29.02	78.9	219	222	217
16:00	0.007947	12.4	.0	.00	29.00	36.9	225	225	219
17:00	0.007883	12.3	.0	.00	28.98	7.8	266	251	225
18:00	0.007902	12.3	.0	.00	28.98	-.8	278	292	289
19:00	0.00728	11.4	.0	.00	28.99	-1.8	288	294	317
20:00	0.007335	11.4	.0	.00	29.00	-2.0	265	295	325
21:00	0.007879	12.3	.2	.00	29.00	-2.1	285	324	332
22:00	0.008594	13.4	.1	.00	28.97	-2.1	356	48	63
23:00	0.008596	13.4	.0	.00	28.96	-2.2	324	346	14
Avg	0.006322	9.9	.0	.00	29.09	77.7	252	249	248
Max	0.008596	13.4	.2	.00	29.21	512.1	356	346	332
Hr. of Max	23	23	21	23	00	13	22	23	21
Min	0.004722	7.4	.0	.00	28.96	-2.4	217	48	14
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	7	4	3	1.7	2.4	5.9	3.9	6.0	10.5
01:00	9	7	3	1.6	2.6	6.9	4.6	6.2	13.7
02:00	7	7	3	1.5	2.8	7.8	3.0	5.7	14.9
03:00	5	4	2	1.8	3.1	8.3	3.7	6.6	16.5
04:00	12	7	5	1.2	2.8	7.5	3.4	6.0	13.5
05:00	11	7	4	1.5	3.4	8.0	3.9	7.6	20.6
06:00	11	9	6	1.0	2.2	7.2	6.0	7.3	14.7
07:00	15	9	4	1.2	2.9	6.6	5.0	6.9	15.8
08:00	15	11	9	1.6	2.8	6.2	5.0	7.6	15.3
09:00	17	15	9	3.2	4.4	7.5	11.7	12.6	14.9
10:00	19	17	10	5.4	6.9	10.4	12.1	18.1	18.5
11:00	18	15	8	7.4	9.8	14.1	15.8	19.0	22.0
12:00	18	15	9	9.8	12.8	18.0	22.4	27.0	30.2
13:00	20	16	9	11.0	14.9	20.5	36.6	39.6	43.5
14:00	20	17	9	10.0	12.8	18.8	36.4	27.7	37.6
15:00	19	16	9	9.1	12.2	18.0	24.0	30.0	33.7
16:00	19	15	7	5.1	7.4	13.3	14.4	18.3	36.9
17:00	15	12	6	2.5	3.9	7.5	10.1	11.7	19.5
18:00	17	19	8	2.6	3.6	7.3	8.5	10.3	15.8
19:00	29	35	25	2.5	2.6	5.3	8.5	12.4	19.0
20:00	22	24	17	2.1	2.6	5.3	9.2	11.0	12.4
21:00	21	18	19	2.0	2.2	3.9	5.5	8.5	10.3
22:00	12	12	8	1.8	2.3	2.8	4.4	5.5	6.4
23:00	19	17	12	2.1	2.8	3.6	7.3	8.2	9.8
Avg	16	14	9	3.7	5.3	9.2	11.1	13.3	19.4
Max	29	35	25	11.0	14.9	20.5	36.6	39.6	43.5
Hr. of Max	19	19	19	13	13	13	13	13	13
Min	5	4	2	1.0	2.2	2.8	3.0	5.5	6.4
Count	24	24	24	24	24	24	24	24	24
Total									