Current Time: 8:00 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/14/2014

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	7.0	7.0	7.0	.0	.0	6.5	4.9	97.7	7.5
01:00	7.2	7.2	7.2	.0	.0	6.7	4.9	97.8	7.6
02:00	7.4	7.4	7.4	.0	.0	6.9	5.0	97.8	7.7
03:00	7.4	7.4	7.4	.0	.0	6.9	5.0	97.8	7.7
04:00	7.4	7.4	7.4	.0	.0	6.9	5.1	97.8	7.7
05:00	7.3	7.4	7.3	.2	.0	6.8	5.1	97.8	7.6
06:00	6.8	7.0	6.8	.2	.0	6.4	5.1	97.8	7.4
07:00	6.2	6.6	6.5	.4	.3	5.7	5.1	97.7	7.1
08:00	5.7	6.3	6.3	.5	.6	5.3	5.0	97.7	6.9
09:00	7.3	7.3	6.9	.0	-.4	6.9	4.9	97.8	7.7
10:00	8.8	8.7	8.0	-.1	-.8	7.2	5.0	90.6	7.8
11:00	9.4	9.2	8.3	-.2	-1.1	5.6	5.4	78.1	7.0
12:00	9.8	9.7	8.9	-.1	-.9	2.6	5.8	62.2	5.7
13:00	11.1	10.9	10.0	-.2	-1.1	-1.7	6.1	41.5	4.2
14:00	11.4	11.1	10.2	-.3	-1.2	-3.1	6.5	36.6	3.8
15:00	11.8	11.5	10.4	-.2	-1.4	-2.9	7.0	36.3	3.8
16:00	11.9	11.7	10.6	-.2	-1.3	-3.0	7.3	35.9	3.8
17:00	11.0	11.2	10.3	.2	-.7	-2.6	7.3	38.9	3.9
18:00	8.9	10.0	10.1	1.2	1.2	-1.6	7.0	48.7	4.2
19:00	6.4	8.4	8.9	2.0	2.5	-.3	6.7	62.6	4.6
20:00	5.1	7.6	8.3	2.5	3.2	.8	6.3	74.2	5.0
21:00	4.0	6.2	7.7	2.2	3.7	.9	5.9	81.0	5.1
22:00	4.0	6.2	7.4	2.2	3.5	1.0	5.5	81.5	5.1
23:00	4.3	6.5	7.0	2.2	2.6	1.1	5.3	79.8	5.2
Avg	7.8	8.3	8.2	.5	.4	2.9	5.7	76.1	6.0
Max	11.9	11.7	10.6	2.5	3.7	7.2	7.3	97.8	7.8
Hr. of Max	16	16	16	20	21	10	17	09	10
Min	4.0	6.2	6.3	-.3	-1.4	-3.1	4.9	35.9	3.8
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	0.006223	9.7	.00	28.89	-2.1	218	253	260	16
01:00	0.006318	9.8	.03	28.87	-1.6	228	250	248	17
02:00	0.006423	10.0	.05	28.87	-2.2	248	269	261	15
03:00	0.006414	10.0	.01	28.87	-2.2	229	247	265	10
04:00	0.006412	10.0	.00	28.87	-2.4	224	235	277	17
05:00	0.006347	9.9	.00	28.89	-2.0	274	259	293	13
06:00	0.006156	9.6	.00	28.91	-2.3	302	262	280	12
07:00	0.005881	9.2	.00	28.95	-1.3	255	238	245	11
08:00	0.00569	8.9	.00	28.97	36.6	271	212	266	8
09:00	0.00637	9.9	.00	28.97	259.5	189	201	259	13
10:00	0.006513	10.2	.00	28.99	363.8	238	241	246	16
11:00	0.00583	9.1	.00	29.01	420.3	263	271	268	24
12:00	0.004762	7.5	.00	28.99	386.0	246	251	254	16
13:00	0.003477	5.5	.00	28.97	572.0	246	245	244	23
14:00	0.003143	4.9	.00	28.97	493.0	215	220	220	20
15:00	0.003194	5.0	.00	28.96	312.2	217	220	221	16
16:00	0.003171	5.0	.00	28.97	188.6	207	214	209	15
17:00	0.003241	5.1	.00	28.98	28.3	220	211	201	13
18:00	0.003498	5.5	.00	28.98	-1.7	244	206	190	19
19:00	0.003817	6.0	.00	28.99	-2.1	334	219	194	8
20:00	0.004126	6.5	.00	29.00	-2.4	332	238	219	9
21:00	0.004167	6.5	.00	29.01	-2.6	8	251	224	7
22:00	0.004188	6.6	.00	29.00	-2.8	221	229	213	7
23:00	0.004217	6.6	.00	28.99	-2.4	93	236	216	9
Avg	0.004982	7.8	.00	28.95	126.3	245	237	241	14
Max	0.006513	10.2	.05	29.01	572.0	334	271	293	24
Hr. of Max	10	10	02	21	13	19	11	05	11
Min	0.003143	4.9	.00	28.87	-2.8	8	201	190	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	19	9	1.5	2.9	7.4	4.6	7.3	13.1
01:00	14	9	2.2	3.7	7.9	7.3	8.2	24.0
02:00	13	6	2.1	3.9	9.1	6.6	8.5	18.5
03:00	8	6	1.3	2.7	6.6	4.4	6.0	11.2
04:00	11	14	2.0	3.5	7.0	5.7	7.8	17.9
05:00	13	14	3.1	4.5	6.4	8.9	11.9	17.9
06:00	11	15	2.1	3.5	5.7	5.0	6.9	13.1
07:00	11	5	1.9	2.6	5.0	4.6	6.4	7.8
08:00	6	5	1.0	2.2	5.1	5.7	6.6	10.1
09:00	11	8	1.5	1.7	3.8	6.0	6.4	11.0
10:00	13	10	5.0	6.0	7.4	16.5	16.3	16.5
11:00	21	14	6.1	7.2	9.3	18.3	22.7	24.7
12:00	16	14	4.2	5.1	6.8	13.7	14.7	16.3
13:00	20	12	5.0	6.4	8.3	13.3	16.5	22.4
14:00	16	10	5.8	7.5	9.3	14.0	15.3	15.8
15:00	14	11	5.3	6.5	8.3	15.6	15.1	16.3
16:00	13	8	4.7	6.2	8.4	11.2	12.4	13.5
17:00	9	6	3.3	5.9	9.9	15.3	16.5	19.0
18:00	8	4	1.3	4.3	10.1	3.7	10.8	22.4
19:00	14	4	.6	1.9	10.2	2.5	8.5	19.5
20:00	5	4	.2	1.9	9.3	1.1	6.0	21.1
21:00	8	2	.2	1.5	9.3	1.4	6.6	21.3
22:00	3	3	.2	2.3	8.8	1.1	4.1	17.9
23:00	4	3	.2	3.3	10.2	3.2	7.3	25.2
Avg	12	8	2.5	4.1	7.9	7.9	10.4	17.4
Max	21	15	6.1	7.5	10.2	18.3	22.7	25.2
Hr. of Max	11	06	11	14	23	11	11	23
Min	3	2	.2	1.5	3.8	1.1	4.1	7.8
Count	24	24	24	24	24	24	24	24
Total								