Current Time: 5:05 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/21/2013

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	12.1	13.2	13.2	1.1	1.1	7.8	6.9	75.9	8.1
01:00	12.0	13.3	13.1	1.2	1.1	8.2	7.0	78.5	8.3
02:00	12.0	13.0	12.9	1.0	.9	8.7	7.0	81.1	8.6
03:00	12.0	12.7	13.3	.6	1.3	9.7	7.1	86.6	9.1
04:00	12.3	13.0	13.3	.7	1.0	10.3	7.2	88.4	9.5
05:00	12.7	13.6	13.7	.9	1.0	10.8	7.2	89.3	9.9
06:00	12.9	13.8	13.8	.9	.9	11.3	7.3	91.3	10.2
07:00	12.9	13.8	13.9	.9	1.0	11.6	7.4	93.3	10.4
08:00	13.0	14.0	14.0	1.0	1.0	11.5	7.4	92.2	10.3
09:00	14.3	14.5	14.3	.2	.0	12.4	7.5	89.9	10.9
10:00	14.4	14.6	14.5	.2	.1	12.9	7.7	91.6	11.2
11:00	14.4	14.6	14.6	.2	.2	13.7	7.9	97.0	11.8
12:00	14.7	14.7	14.4	.1	-.3	14.1	8.2	97.7	12.1
13:00	14.9	14.8	14.6	-.1	-.3	14.3	8.5	97.9	12.3
14:00	15.4	15.6	15.7	.1	.3	14.9	8.8	98.0	12.7
15:00	16.5	17.1	17.2	.5	.7	15.9	9.1	98.2	13.6
16:00	19.4	19.4	19.7	.1	.3	18.7	9.3	98.0	16.0
17:00	19.9	19.9	19.8	.0	-.1	18.1	9.6	91.6	15.4
18:00	20.9	20.8	20.5	.0	-.4	16.8	9.8	79.1	14.1
19:00	21.2	21.1	20.8	-.1	-.4	16.6	10.0	76.7	14.0
20:00	21.4	21.3	21.0	-.1	-.4	16.8	10.3	76.5	14.1
21:00	21.9	21.8	21.3	-.1	-.6	16.9	10.5	75.1	14.2
22:00	19.9	19.8	19.5	-.1	-.4	18.6	10.7	94.5	15.9
23:00	19.3	19.2	18.9	-.1	-.4	18.5	11.0	97.8	15.9
Avg	15.9	16.2	16.2	.4	.3	13.7	8.5	89.0	12.0
Max	21.9	21.8	21.3	1.2	1.3	18.7	11.0	98.2	16.0
Hr. of Max	21	21	21	01	03	16	23	15	16
Min	12.0	12.7	12.9	-.1	-.6	7.8	6.9	75.1	8.1
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	0.00679	10.6	.00	29.08	-1.9	257	240	268	8
01:00	0.006978	10.9	.00	29.07	-1.6	255	237	248	8
02:00	0.007201	11.3	.00	29.06	-1.8	232	233	254	9
03:00	0.007705	12.0	.00	29.06	-1.4	265	211	252	7
04:00	0.00803	12.5	.00	29.04	-1.9	266	228	258	11
05:00	0.008339	13.0	.00	29.03	-2.0	263	221	244	13
06:00	0.008602	13.4	.00	29.03	-2.7	263	235	250	10
07:00	0.008791	13.7	.00	29.02	.1	297	236	235	14
08:00	0.008751	13.6	.00	29.01	28.7	254	238	242	10
09:00	0.009286	14.4	.00	29.00	31.9	235	263	280	12
10:00	0.009561	14.9	.00	29.00	49.3	218	246	268	12
11:00	0.01011	15.7	.02	28.99	64.6	225	248	246	11
12:00	0.010361	16.1	.04	28.97	45.1	229	252	251	11
13:00	0.010526	16.3	.05	28.96	43.7	219	252	264	13
14:00	0.010937	16.9	.00	28.93	87.0	268	260	208	10
15:00	0.011753	18.2	.00	28.92	71.1	249	297	199	19
16:00	0.014019	21.6	.00	28.92	24.6	211	201	173	33
17:00	0.013535	20.9	.00	28.92	-.6	224	208	180	25
18:00	0.01241	19.2	.00	28.92	-2.0	206	202	181	23
19:00	0.01231	19.0	.00	28.91	-1.8	204	199	179	27
20:00	0.012438	19.2	.00	28.89	-2.0	210	206	183	26
21:00	0.012583	19.4	.00	28.88	-1.7	201	199	182	27
22:00	0.013975	21.5	.02	28.90	-1.4	209	208	191	22
23:00	0.013912	21.4	.25	28.90	-1.6	220	217	196	20
Avg	0.010371	16.1	.01	28.98	17.6	236	230	227	16
Max	0.014019	21.6	.25	29.08	87.0	297	297	280	33
Hr. of Max	16	16	23	00	14	07	15	09	16
Min	0.00679	10.6	.00	28.88	-2.7	201	199	173	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	11	6	1.0	1.4	5.8	4.1	4.8	11.4
01:00	8	5	1.4	2.8	7.1	3.2	4.6	15.6
02:00	7	5	2.1	4.0	8.9	4.1	7.1	14.9
03:00	6	5	1.0	2.7	7.3	4.1	8.2	19.2
04:00	8	5	.6	2.8	7.1	2.1	8.5	16.9
05:00	11	6	.7	1.5	6.4	2.5	3.9	16.3
06:00	11	6	.8	2.4	7.1	2.5	4.8	11.0
07:00	15	9	.8	1.4	6.8	3.0	6.4	11.0
08:00	11	7	.9	2.2	7.2	2.5	4.4	13.3
09:00	15	7	1.7	2.7	7.0	4.8	7.6	11.7
10:00	14	7	1.8	2.6	7.0	4.4	5.7	14.4
11:00	10	7	2.1	3.3	8.0	5.3	6.9	13.5
12:00	12	6	2.0	2.7	7.6	6.9	8.9	15.6
13:00	20	7	1.4	1.6	6.1	3.7	6.0	16.7
14:00	20	6	1.5	1.9	7.3	5.0	5.0	14.2
15:00	17	11	1.0	1.6	7.0	5.5	8.2	16.9
16:00	24	11	3.3	5.1	13.0	11.9	16.3	23.1
17:00	26	11	4.2	6.1	13.8	12.8	16.3	23.8
18:00	22	12	6.6	8.9	17.5	21.3	26.1	35.3
19:00	27	14	6.9	9.1	18.2	21.5	22.9	35.3
20:00	23	15	6.6	8.9	16.8	19.2	25.4	35.3
21:00	24	13	8.6	11.4	19.9	24.0	30.7	36.9
22:00	20	11	8.1	10.9	18.8	25.4	30.9	47.6
23:00	16	10	5.8	8.5	14.8	16.9	20.6	25.4
Avg	16	8	3.0	4.4	10.3	9.0	12.1	20.6
Max	27	15	8.6	11.4	19.9	25.4	30.9	47.6
Hr. of Max	19	20	21	21	21	22	22	22
Min	6	5	.6	1.4	5.8	2.1	3.9	11.0
Count	24	24	24	24	24	24	24	24
Total								