Current Time: 9:02 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/22/2013

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	19.0	18.9	18.6	-.1	-.4	18.3	11.2	98.1	15.7
01:00	19.1	19.1	19.3	.0	.2	18.5	11.4	98.2	15.8
02:00	19.3	19.3	20.1	.0	.8	18.7	11.5	98.3	16.0
03:00	17.9	18.0	17.3	.0	-.7	17.3	11.5	98.0	14.8
04:00	14.4	14.2	13.9	-.2	-.5	13.8	11.6	97.9	11.9
05:00	14.1	13.9	13.8	-.2	-.2	13.5	11.5	98.0	11.7
06:00	14.0	13.8	13.8	-.2	-.1	13.4	11.4	98.0	11.7
07:00	14.1	13.9	13.9	-.2	-.1	13.5	11.4	98.1	11.7
08:00	14.1	13.9	13.7	-.2	-.3	13.5	11.3	98.1	11.7
09:00	14.0	13.9	13.5	-.2	-.5	13.5	11.3	98.1	11.7
10:00	13.9	13.7	13.5	-.1	-.4	13.3	11.3	98.0	11.6
11:00	13.7	13.6	13.3	-.1	-.4	13.1	11.3	98.0	11.4
12:00	13.9	13.8	13.5	-.2	-.4	13.4	11.3	98.0	11.6
13:00	14.3	14.1	13.8	-.1	-.5	13.7	11.4	98.0	11.9
14:00	14.4	14.3	13.9	-.1	-.5	13.8	11.6	97.6	11.9
15:00	14.6	14.4	14.0	-.1	-.6	13.8	11.8	97.0	11.9
16:00	14.5	14.4	14.0	-.1	-.5	13.4	11.9	94.6	11.6
17:00	14.2	14.2	13.8	-.1	-.4	13.2	11.9	95.0	11.5
18:00	14.2	14.2	13.8	-.1	-.4	13.3	11.8	95.7	11.6
19:00	14.1	14.0	13.6	-.1	-.5	13.1	11.7	95.3	11.4
20:00	14.0	13.9	13.7	-.1	-.3	12.8	11.6	93.9	11.2
21:00	13.7	13.6	13.3	-.1	-.4	12.8	11.6	95.9	11.2
22:00	13.4	13.4	13.2	.0	-.2	12.7	11.5	97.3	11.1
23:00	13.1	13.1	12.9	.0	-.2	12.5	11.4	97.4	11.0
Avg	14.8	14.7	14.5	-.1	-.3	14.1	11.5	97.2	12.2
Max	19.3	19.3	20.1	.0	.8	18.7	11.9	98.3	16.0
Hr. of Max	02	02	02	23	02	02	17	02	02
Min	13.1	13.1	12.9	-.2	-.7	12.5	11.2	93.9	11.0
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	0.013738	21.1	.01	28.90	-1.2	230	221	199	19
01:00	0.013843	21.3	.00	28.89	-1.5	229	220	200	17
02:00	0.014019	21.6	.00	28.89	-1.2	234	219	196	18
03:00	0.012913	19.9	.44	28.91	-1.7	262	260	237	15
04:00	0.010201	15.8	.46	28.94	-1.4	218	229	234	17
05:00	0.009988	15.5	.20	28.96	-1.7	192	190	180	18
06:00	0.009946	15.4	.21	28.97	-1.6	164	156	155	27
07:00	0.010007	15.5	.26	29.00	-1.5	173	165	150	32
08:00	0.009989	15.5	.17	29.00	1.9	140	146	147	29
09:00	0.009955	15.5	.03	29.02	15.6	216	204	176	27
10:00	0.009854	15.3	.03	29.04	20.7	211	206	180	16
11:00	0.009727	15.1	.01	29.03	53.7	255	249	209	19
12:00	0.009902	15.4	.00	29.02	116.3	230	237	235	17
13:00	0.010125	15.7	.00	29.00	125.9	252	255	251	15
14:00	0.010186	15.8	.00	29.00	140.6	235	239	241	14
15:00	0.010196	15.8	.00	29.01	60.6	245	245	239	16
16:00	0.009887	15.4	.00	29.02	19.8	250	249	238	15
17:00	0.00976	15.2	.00	29.03	-.6	241	242	231	16
18:00	0.009849	15.3	.00	29.05	-1.8	245	245	234	16
19:00	0.009727	15.2	.00	29.06	-2.1	246	246	235	17
20:00	0.009508	14.8	.00	29.07	-1.9	256	258	252	16
21:00	0.00951	14.8	.00	29.06	-1.5	224	222	217	15
22:00	0.00945	14.7	.00	29.08	-1.8	228	219	208	13
23:00	0.00929	14.5	.00	29.09	-1.2	232	232	221	15
Avg	0.010482	16.3	.07	29.00	22.2	227	225	212	18
Max	0.014019	21.6	.46	29.09	140.6	262	260	252	32
Hr. of Max	02	02	04	23	14	03	03	20	07
Min	0.00929	14.5	.00	28.89	-2.1	140	146	147	13
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	17	10	3.6	5.8	10.6	11.9	14.7	26.3
01:00	13	8	3.3	6.0	11.3	11.0	15.8	23.4
02:00	12	8	2.0	3.9	9.2	7.8	14.2	21.3
03:00	13	8	6.1	9.0	14.8	37.8	52.2	54.0
04:00	16	10	4.3	6.3	10.8	14.0	21.3	38.2
05:00	16	7	3.4	5.1	10.2	10.3	11.7	19.0
06:00	28	15	2.9	3.9	9.0	9.2	11.2	16.7
07:00	29	23	3.1	4.0	8.6	13.7	15.1	21.5
08:00	29	19	4.4	5.3	9.9	14.9	17.4	25.4
09:00	27	17	4.0	5.5	10.4	19.0	16.9	25.2
10:00	16	9	2.6	3.6	7.8	8.5	12.1	19.0
11:00	20	14	2.2	3.5	6.9	7.1	10.1	14.0
12:00	15	7	2.5	3.9	8.1	8.5	10.5	24.3
13:00	16	10	2.9	3.9	7.1	8.7	10.3	13.7
14:00	14	9	3.5	4.8	7.2	11.4	16.9	22.2
15:00	14	9	3.0	4.3	7.4	8.0	13.7	16.9
16:00	12	8	3.5	5.2	8.9	10.8	11.9	16.3
17:00	13	6	3.1	5.1	10.2	9.4	11.4	19.2
18:00	12	7	3.9	6.4	11.6	11.9	14.4	19.9
19:00	14	8	3.5	5.4	10.2	9.2	14.0	25.9
20:00	14	8	4.6	6.7	12.5	11.4	16.0	22.0
21:00	12	7	2.9	4.5	8.9	10.5	16.3	23.4
22:00	10	6	2.7	4.8	9.4	7.3	8.5	20.4
23:00	10	5	2.8	5.1	10.3	9.8	15.6	19.2
Avg	16	10	3.4	5.1	9.6	11.8	15.5	22.8
Max	29	23	6.1	9.0	14.8	37.8	52.2	54.0
Hr. of Max	08	07	03	03	03	03	03	03
Min	10	5	2.0	3.5	6.9	7.1	8.5	13.7
Count	24	24	24	24	24	24	24	24
Total								