Current Time: 7:05 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/17/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	10_DewPtF_10m	11_SoilTempC	12_RH
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGF	DEGC	PERCENT
00:00	5.3	5.2	4.9	-.1	-.4	4.8	40.7	7.9	97.7
01:00	5.2	5.1	4.6	-.1	-.6	4.8	40.6	7.9	97.7
02:00	5.3	5.3	4.7	-.1	-.6	4.9	40.8	7.8	97.8
03:00	5.2	5.1	4.9	.0	-.3	4.7	40.5	7.8	97.7
04:00	4.7	4.8	4.3	.1	-.4	4.1	39.4	7.8	96.9
05:00	4.6	4.7	4.2	.1	-.4	.0	31.9	7.7	72.7
06:00	4.7	4.7	4.2 D	.0	-.5 D	-2.6	27.4	7.6	59.9
07:00	4.5	4.5	4.1	.0	-.4	-2.7	27.1	7.5	59.9
08:00	3.9	3.9	3.4	.0	-.5	-1.2	29.8	7.4	70.3
09:00	2.8	2.8	2.4	.1	-.3	1.4	34.6	7.4	91.7
10:00	2.1	2.1	1.6	-.1	-.6	1.7	35.0	7.2	97.2
11:00	2.3	2.2	1.6	-.1	-.6	1.8	35.2	7.1	97.3
12:00	2.5	2.4	1.9	-.1	-.6	2.0	35.6	7.0	97.4
13:00	2.9	2.7	2.2	-.1	-.6	2.4	36.3	6.9	97.4
14:00	2.4	2.2	1.6	-.2	-.8	1.9	35.5	6.9	97.3
15:00	1.8	1.6	1.0	-.2	-.8	1.3	34.3	6.9	97.3
16:00	1.6	1.5	.8	-.1	-.8	1.1	34.0	6.8	97.3
17:00	2.0	1.9	1.4	-.1	-.6	1.5	34.7	6.7	97.4
18:00	2.4	2.5	2.2	.0	-.2	1.9	35.5	6.6	97.4
19:00	1.9	2.5	2.5	.6	.6	1.4	34.5	6.5	97.3
20:00	.8	2.3	2.5	1.5	1.7	.3	32.6	6.4	97.3
21:00	.3	1.4	2.0	1.1	1.7	-.2	31.7	6.2	97.3
22:00	-.4	.5	2.0	.9	2.4	-.8	30.5	6.0	97.2
23:00	-.9	.2	1.4	1.1	2.5	-1.4	29.5	5.8	97.2
Avg	2.8	3.0	2.8	.2	.0	1.4	34.5	7.1	91.9
Max	5.3	5.3	4.9	1.5	2.5	4.9	40.8	7.9	97.8
Hr. of Max	02	02	03	20	23	02	02	01	02
Min	-.9	.2	.8	-.2	-.8	-2.7	27.1	5.8	59.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	13_AbsHm gm3	14_Mix Ratio	15_Vapor Pr	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	G/M3	None	KPa	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	6.7	.0	8.6	.00	29.09	-2.8	263	268	311
01:00	6.7	.0	8.6	.00	29.10	-2.5	4	3	5
02:00	6.7	.0	8.7	.01	29.09	-2.3	27	35	41
03:00	6.7	.0	8.6	.00	29.08	-2.5	60	54	49
04:00	6.4	.0	8.2	.00	29.07	-2.6	61	53	43
05:00	4.8	.0	6.1	.00	29.06	-3.0	66	43	37
06:00	4.0	.0	5.1	.00	29.05	-2.9	64	51	41
07:00	3.9	.0	5.0	.00	29.06	-2.3	64	49	41
08:00	4.4	.0	5.6	.01	29.04	5.6	62	53	45
09:00	5.3	.0	6.8	.10	29.06	7.6	55	48	39
10:00	5.4	.0	6.9	.12	29.04	20.3	61	54	49
11:00	5.5	.0	6.9	.08	29.02	26.6	62	46	41
12:00	5.6	.0	7.1	.09	29.00	40.0	60	44	37
13:00	5.7	.0	7.3	.02	28.98	101.6	56	42	37
14:00	5.5	.0	7.0	.01	28.97	112.2	57	41	37
15:00	5.3	.0	6.7	.01	29.01	30.6	50	40	34
16:00	5.2	.0	6.6	.02	29.04	22.5	59	45	38
17:00	5.4	.0	6.8	.00	29.09	8.1	53	44	36
18:00	5.5	.0	7.0	.00	29.15	-2.6	37	28	22
19:00	5.3	.0	6.8	.00	29.21	-2.7	336	60	7
20:00	5.0	.0	6.3	.00	29.25	-2.3	312	28	353
21:00	4.8	.0	6.0	.00	29.28	-2.7	342	50	1
22:00	4.6	.0	5.7	.00	29.31	-2.8	295	189	60
23:00	4.4	.0	5.5	.00	29.33	-2.9	307	286	102
Avg	5.4	.0	6.8	.01	29.10	14.1	36	40	33
Max	6.7	.0	8.7	.12	29.33	112.2	342	286	353
Hr. of Max	03	23	02	10	23	14	21	23	20
Min	3.9	.0	5.0	.00	28.97	-3.0	4	3	1
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	17	11	10	1.6	1.9	2.5	4.8	5.7	7.1
01:00	17	19	17	2.0	3.1	5.4	6.0	7.8	9.8
02:00	17	15	12	2.1	3.3	5.5	9.6	11.2	13.7
03:00	29	16	8	3.1	6.2	11.2	11.4	15.8	20.2
04:00	28	16	8	3.0	6.6	13.5	18.5	14.9	21.8
05:00	41	19	9	2.8	7.1	14.8	10.3	22.7	30.5
06:00	28	19	9	2.9	6.1	13.5	11.9	20.4	23.6
07:00	33	19	9	3.1	7.0	14.6	13.3	19.9	27.0
08:00	28	16	9	4.1	7.9	15.1	19.0	25.6	33.9
09:00	37	18	9	3.4	7.9	15.8	12.8	27.0	38.2
10:00	30	17	9	4.6	9.1	16.7	14.7	26.1	31.1
11:00	37	18	10	4.6	9.9	18.3	16.5	27.0	38.0
12:00	37	20	11	5.0	10.3	18.3	21.1	27.9	34.3
13:00	37	21	11	5.2	11.2	20.0	20.2	26.6	35.7
14:00	39	19	11	5.7	13.7	23.2	18.8	34.1	44.0
15:00	42	19	12	4.7	11.2	18.5	18.3	28.4	33.9
16:00	32	18	11	4.2	8.6	16.6	15.6	21.3	32.1
17:00	34	18	10	3.2	6.5	13.2	24.0	30.5	23.6
18:00	29	20	13	1.9	4.7	10.5	8.5	15.1	32.7
19:00	17	19	19	1.1	1.2	6.3	3.2	6.0	12.8
20:00	17	19	18	1.2	1.3	6.4	3.9	4.1	13.7
21:00	16	17	20	1.0	1.3	7.6	2.7	6.6	19.7
22:00	8	11	7	1.6	1.7	4.8	3.4	3.2	12.4
23:00	13	22	15	1.3	1.4	3.9	5.0	4.4	8.0
Avg	28	18	12	3.1	6.2	12.3	12.2	18.0	24.9
Max	42	22	20	5.7	13.7	23.2	24.0	34.1	44.0
Hr. of Max	15	23	21	14	14	14	17	14	14
Min	8	11	7	1.0	1.2	2.5	2.7	3.2	7.1
Count	24	24	24	24	24	24	24	24	24
Total									