Current Time: 6:40 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/20/2013

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	6.0	6.6	7.1	.6	1.2	5.4	14.9	97.3	7.0
01:00	5.2	6.0	6.8	.7	1.6	4.7	14.5	97.4	6.7
02:00	4.9	5.4	6.1	.5	1.1	4.4	14.2	97.4	6.5
03:00	4.3	5.0	5.6	.8	1.4	3.8	13.8	97.4	6.3
04:00	4.0	4.6	5.1	.6	1.0	3.5	13.5	97.4	6.2
05:00	3.5	4.2	5.0	.7	1.5	3.0	13.2	97.4	5.9
06:00	2.3	3.4	4.4	1.1	2.1	1.8	12.9	97.4	5.5
07:00	1.8	2.9	3.7	1.0	1.9	1.4	12.6	97.3	5.3
08:00	2.2	3.2	3.4	.9	1.2	1.7	12.3	97.4	5.5
09:00	5.4	5.1	4.5	-.2	-.9	4.9	12.2	97.6	6.7
10:00	8.8	8.4	7.5	-.5	-1.3	5.7	12.5	82.0	7.1
11:00	10.7	10.1	9.5	-.6	-1.2	4.4	13.0	65.9	6.4
12:00	12.0	11.4	10.9	-.6	-1.1	4.2	13.4	59.7	6.3
13:00	13.5	13.0	12.4	-.5	-1.1	2.8	14.3	49.3	5.7
14:00	14.7	14.1	13.4	-.5	-1.3	2.1	15.0	43.4	5.4
15:00	15.7	15.2	14.4	-.5	-1.3	1.6	15.7	39.3	5.2
16:00	16.4	16.0	15.0	-.4	-1.4	1.5	16.2	37.3	5.2
17:00	16.4	16.1	15.1	-.3	-1.3	3.0	16.6	41.5	5.7
18:00	13.3	14.9	15.0	1.6	1.7	5.5	16.6	60.4	6.9
19:00	10.7	12.1	13.7	1.4	3.0	6.4	16.4	75.5	7.4
20:00	9.0	10.0	11.4	1.0	2.4	7.3	15.9	90.3	7.9
21:00	8.0	8.8	10.6	.8	2.6	7.2	15.4	95.7	7.8
22:00	6.7	7.7	8.9	1.0	2.2	6.2	14.9	97.3	7.3
23:00	6.2	6.9	7.5	.7	1.3	5.7	14.4	97.4	7.1
Avg	8.4	8.8	9.0	.4	.6	4.1	14.4	79.5	6.4
Max	16.4	16.1	15.1	1.6	3.0	7.3	16.6	97.6	7.9
Hr. of Max	17	17	17	18	19	20	18	09	20
Min	1.8	2.9	3.4	-.6	-1.4	1.4	12.2	37.3	5.2
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	0.005739	9.0	.00	29.08	-2.8	344	31	333	8
01:00	0.005454	8.6	.00	29.09	-2.8	344	64	350	8
02:00	0.005331	8.4	.00	29.10	-2.5	8	49	52	5
03:00	0.005099	8.0	.00	29.10	-2.7	1	48	42	5
04:00	0.005013	7.9	.00	29.09	-2.6	5	60	47	3
05:00	0.004821	7.6	.00	29.10	-2.9	337	53	40	4
06:00	0.004434	7.0	.00	29.11	-3.1	253	271	48	4
07:00	0.00428	6.7	.00	29.12	-1.3	288	326	52	3
08:00	0.004405	6.9	.00	29.13	78.9	249	346	24	8
09:00	0.005514	8.7	.00	29.15	146.9	138	89	28	10
10:00	0.005856	9.2	.00	29.15	464.7	86	84	60	20
11:00	0.005334	8.4	.00	29.15	620.2	91	81	69	24
12:00	0.005282	8.3	.00	29.14	710.0	102	100	80	18
13:00	0.004802	7.6	.00	29.13	743.8	110	108	89	21
14:00	0.004578	7.2	.00	29.10	703.6	107	106	88	24
15:00	0.004427	7.0	.00	29.09	506.8	104	98	77	24
16:00	0.004401	6.9	.00	29.08	432.1	112	123	102	24
17:00	0.004879	7.7	.00	29.08	234.7	86	95	85	15
18:00	0.0058	9.1	.00	29.08	46.4	318	40	43	3
19:00	0.006143	9.6	.00	29.09	-1.2	349	47	15	4
20:00	0.00654	10.3	.00	29.09	-2.3	352	62	76	6
21:00	0.006476	10.2	.00	29.10	-2.6	350	64	67	6
22:00	0.006037	9.5	.00	29.11	-2.7	320	39	52	3
23:00	0.005836	9.2	.00	29.11	-2.8	351	48	59	7
Avg	0.00527	8.3	.00	29.11	194.0	18	63	54	11
Max	0.00654	10.3	.00	29.15	743.8	352	346	350	24
Hr. of Max	20	20	23	11	13	20	08	01	16
Min	0.00428	6.7	.00	29.08	-3.1	1	31	15	3
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	7	9	.8	1.2	3.4	2.3	2.5	9.6
01:00	8	12	.7	1.1	3.1	2.5	1.6	6.4
02:00	5	2	.7	1.1	3.8	2.1	1.8	8.5
03:00	5	2	.2	.7	5.9	2.1	2.1	8.9
04:00	5	2	.5	1.0	7.5	1.6	2.1	13.3
05:00	5	2	.3	.8	7.2	1.8	1.5	17.2
06:00	7	2	1.3	1.8	4.5	3.0	3.5	11.7
07:00	8	3	.8	1.2	3.1	3.7	3.0	6.4
08:00	18	4	1.0	1.4	4.4	2.5	4.6	7.6
09:00	18	16	1.6	1.9	2.7	5.7	5.3	9.4
10:00	16	10	4.9	5.0	4.2	10.1	10.1	9.8
11:00	19	12	5.5	5.5	5.5	12.8	12.1	11.0
12:00	16	16	4.2	4.4	4.2	9.4	9.2	9.4
13:00	18	16	4.4	4.4	4.1	10.5	10.3	10.1
14:00	21	20	3.6	3.6	3.3	9.8	9.8	9.6
15:00	19	17	3.3	3.2	3.3	17.9	9.2	14.4
16:00	26	28	2.5	2.4	2.4	7.6	8.2	8.7
17:00	19	14	2.6	2.7	3.1	8.9	8.0	12.6
18:00	17	6	1.1	1.3	1.6	2.3	2.7	6.2
19:00	5	1	.4	.9	2.4	1.4	2.5	3.2
20:00	4	4	.9	1.2	1.6	2.3	3.2	6.0
21:00	5	2	.8	1.1	2.0	2.1	4.6	3.7
22:00	5	6	.2	.6	1.8	1.4	1.6	3.7
23:00	4	3	.3	.7	1.7	1.1	1.8	3.0
Avg	12	9	1.8	2.1	3.6	5.2	5.1	8.8
Max	26	28	5.5	5.5	7.5	17.9	12.1	17.2
Hr. of Max	16	16	11	11	04	15	11	05
Min	4	1	.2	.6	1.6	1.1	1.5	3.0
Count	24	24	24	24	24	24	24	24
Total								