Current Time: 5:24 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/12/2013

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	8.8	9.8	10.8	1.0	2.0	.2	10.3	55.4	4.8
01:00	8.3	9.7	10.4	1.4	1.9	.5	10.2	58.2	4.9
02:00	8.5	9.5	10.6	1.0	2.1	.9	10.1	59.7	5.1
03:00	8.3	9.9	10.5	1.6	2.2	1.7	10.0	63.5	5.3
04:00	8.7	9.4	10.5	.7	1.8	2.1	10.0	64.0	5.5
05:00	8.6	9.6	11.1	.9	2.5	3.3	10.0	69.9	6.0
06:00	9.7	10.3	10.7	.6	1.0	2.5	9.9	61.9	5.6
07:00	10.3	10.2	9.7	-.1	-.6	3.4	9.9	63.1	6.0
08:00	8.4	8.1	7.4	-.2	-1.0	3.6	9.9	72.7	6.1
09:00	6.1	5.8	5.1	-.3	-1.0	.2	9.9	66.7	4.8
10:00	5.1	4.8	4.2	-.3	-.9	-1.4	9.8	63.2	4.3
11:00	4.7	4.4	3.7	-.3	-1.0	-2.1	9.8	61.9	4.1
12:00	4.0	3.6	2.9	-.3	-1.1	-3.2	9.8	60.2	3.8
13:00	3.3	2.9	2.2	-.4	-1.1	-4.9	9.8	55.4	3.3
14:00	3.7	3.1	2.8	-.6	-.9	-8.1	9.9	42.6	2.6
15:00	3.8	3.3	2.9	-.5	-.9	-9.0	10.1	38.9	2.4
16:00	3.6	3.2	2.8	-.3	-.8	-9.9	10.2	37.1	2.3
17:00	2.4	2.3	1.8	-.1	-.6	-9.6	10.0	41.1	2.3
18:00	1.4	1.3	.8	-.1	-.6	-9.7	9.6	43.8	2.3
19:00	.5	.6	.1	.1	-.4	-9.0	9.1	49.4	2.5
20:00	.4	.3	-.2	.0	-.6	-9.7	8.7	47.0	2.3
21:00	.0	.0	-.6	.0	-.6	-9.9	8.3	47.5	2.3
22:00	-.4	-.4	-.9	.0	-.5	-9.4	7.9	51.1	2.4
23:00	-.8	-.8	-1.2	.0	-.4	-9.4	7.5	52.6	2.4
Avg	4.9	5.0	4.9	.2	.0	-3.6	9.6	55.3	3.9
Max	10.3	10.3	11.1	1.6	2.5	3.6	10.3	72.7	6.1
Hr. of Max	07	06	05	03	05	08	00	08	08
Min	-.8	-.8	-1.2	-.6	-1.1	-9.9	7.5	37.1	2.3
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	0.00394	6.2	.00	29.19	-2.1	269	233	229	9
01:00	0.00403	6.4	.00	29.18	-2.0	252	280	217	5
02:00	0.004161	6.6	.00	29.18	-1.6	334	234	249	4
03:00	0.004387	6.9	.00	29.17	-1.8	252	246	251	6
04:00	0.004542	7.2	.00	29.16	-2.6	247	237	249	8
05:00	0.004934	7.8	.00	29.17	-2.0	301	255	281	8
06:00	0.004657	7.3	.00	29.19	-1.8	1	7	342	18
07:00	0.004972	7.9	.00	29.23	1.2	350	5	350	34
08:00	0.005033	8.0	.00	29.28	9.2	6	15	5	33
09:00	0.003938	6.2	.00	29.33	40.2	6	13	5	43
10:00	0.003482	5.5	.00	29.35	96.0	1	7	2	28
11:00	0.003317	5.3	.00	29.37	86.4	13	17	10	34
12:00	0.003056	4.9	.00	29.38	128.2	355	7	357	32
13:00	0.002682	4.3	.00	29.39	263.1	20	24	8	40
14:00	0.002112	3.4	.00	29.40	429.8	19	22	11	44
15:00	0.001956	3.1	.00	29.41	284.3	35	29	17	45
16:00	0.001832	2.9	.00	29.43	157.7	39	30	18	47
17:00	0.001867	3.0	.00	29.45	9.6	25	19	9	43
18:00	0.001844	3.0	.00	29.47	-2.5	35	27	13	44
19:00	0.001947	3.1	.00	29.50	-2.5	28	33	26	35
20:00	0.001836	2.9	.00	29.52	-2.6	41	33	27	39
21:00	0.001808	2.9	.00	29.53	-1.8	34	31	23	36
22:00	0.00188	3.0	.00	29.53	-2.8	42	34	29	38
23:00	0.001883	3.0	.00	29.54	-2.8	42	37	33	39
Avg	0.003171	5.0	.00	29.35	61.5	3	5	354	30
Max	0.005033	8.0	.00	29.54	429.8	355	280	357	47
Hr. of Max	08	08	23	23	14	12	01	12	16
Min	0.001808	2.9	.00	29.16	-2.8	1	5	2	4
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	4	1	.9	1.2	6.6	2.3	2.7	12.8
01:00	6	3	1.0	1.3	5.3	3.7	4.6	12.8
02:00	5	2	.2	.6	6.1	3.9	1.8	8.0
03:00	5	2	1.6	2.1	6.6	4.1	5.5	11.2
04:00	5	2	2.5	5.1	9.6	4.6	7.6	16.7
05:00	12	6	1.3	2.5	7.3	3.9	6.0	16.3
06:00	21	16	2.2	3.9	8.5	9.4	12.8	19.9
07:00	32	19	2.8	4.5	9.0	12.8	14.4	23.1
08:00	24	21	4.7	8.3	13.3	16.0	23.6	25.9
09:00	28	21	4.8	9.2	15.3	19.7	22.9	35.0
10:00	24	20	5.6	9.4	13.8	17.9	23.6	25.2
11:00	26	19	4.6	7.9	12.2	15.1	21.3	30.7
12:00	25	16	5.2	8.5	12.5	17.2	23.6	23.8
13:00	32	19	4.5	7.4	12.1	16.0	21.3	35.5
14:00	31	19	5.6	10.0	15.1	18.8	24.7	27.5
15:00	31	19	4.6	8.7	13.7	20.4	25.2	39.8
16:00	26	16	4.0	8.1	13.6	14.7	22.4	28.9
17:00	30	21	3.8	7.4	13.7	15.3	18.8	32.3
18:00	25	19	3.0	6.7	13.2	11.2	19.2	27.5
19:00	17	9	2.2	5.4	10.5	13.5	15.8	19.5
20:00	21	12	3.9	8.8	15.5	19.5	23.8	30.2
21:00	18	10	2.9	6.9	13.4	15.8	18.5	39.2
22:00	18	9	2.6	7.1	13.4	13.7	17.4	23.4
23:00	20	9	2.7	6.6	12.5	9.2	20.4	19.9
Avg	20	13	3.2	6.2	11.4	12.4	16.6	24.4
Max	32	21	5.6	10.0	15.5	20.4	25.2	39.8
Hr. of Max	13	17	14	14	20	15	15	15
Min	4	1	.2	.6	5.3	2.3	1.8	8.0
Count	24	24	24	24	24	24	24	24
Total								