Current Time: 5:56 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/19/2013

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	7.7	8.6	8.5	1.0	.8	-.9	10.7	55.1	4.4
01:00	7.7	8.0	7.8	.3	.1	-2.1	10.3	50.7	4.1
02:00	7.1	7.4	7.3	.2	.2	-2.7	10.0	50.3	3.9
03:00	5.5	6.5	6.4	1.0	.9	-2.4	9.7	57.4	4.0
04:00	4.6	5.7	5.6	1.1	1.0	-1.9	9.4	63.4	4.2
05:00	4.0	5.0	5.2	1.0	1.2	-1.5	9.1	67.8	4.3
06:00	4.5	4.6	4.4	.1	-.1	-2.7	8.8	59.9	3.9
07:00	4.2	4.1	3.8	.0	-.4	-3.2	8.5	59.3	3.8
08:00	4.4	4.2	3.9	-.2	-.5	-3.4	8.3	57.4	3.7
09:00	5.3	4.9	4.4	-.4	-.9	-3.6	8.3	53.1	3.7
10:00	6.6	6.0	5.4	-.7	-1.2	-4.4	8.5	45.6	3.4
11:00	8.2	7.4	6.9	-.8	-1.3	-4.5	8.9	40.8	3.4
12:00	9.2	8.4	7.7	-.8	-1.5	-5.6	9.2	35.3	3.1
13:00	10.2	9.4	8.7	-.8	-1.5	-6.2	9.7	31.5	3.0
14:00	10.6	9.9	9.4	-.7	-1.2	-6.5	10.2	30.0	2.9
15:00	10.1	9.9	9.2	-.3	-.9	-5.4	10.6	33.7	3.2
16:00	10.2	10.0	9.4	-.1	-.8	-5.5	10.6	33.2	3.1
17:00	9.6	9.6	9.2	.0	-.4	-4.9	10.5	36.2	3.3
18:00	9.2	9.2	8.9	.0	-.3	-4.2	10.3	39.3	3.5
19:00	8.6	8.5	8.3	-.1	-.3	-3.5	10.0	42.7	3.7
20:00	7.7	7.7	7.5	.0	-.2	-3.1	9.8	47.0	3.8
21:00	7.5	7.4	7.2	-.1	-.3	-3.2	9.6	47.3	3.8
22:00	7.3	7.2	7.0	-.1	-.3	-3.0	9.5	48.4	3.8
23:00	6.9	6.8	6.7	-.1	-.2	-2.6	9.3	51.1	3.9
Avg	7.4	7.4	7.0	.0	-.3	-3.6	9.6	47.4	3.7
Max	10.6	10.0	9.4	1.1	1.2	-.9	10.7	67.8	4.4
Hr. of Max	14	16	16	04	05	00	00	05	00
Min	4.0	4.1	3.8	-.8	-1.5	-6.5	8.3	30.0	2.9
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	0.003634	5.7	.00	29.19	-2.6	353	14	11	23
01:00	0.003345	5.3	.00	29.20	-2.7	27	23	13	30
02:00	0.003195	5.1	.00	29.19	-2.8	22	18	8	34
03:00	0.003267	5.2	.00	29.20	-2.2	59	34	16	28
04:00	0.003372	5.3	.00	29.21	-2.4	53	31	22	17
05:00	0.003466	5.5	.00	29.21	-2.8	50	38	36	24
06:00	0.003182	5.0	.00	29.22	-3.1	56	41	34	41
07:00	0.003065	4.9	.00	29.23	15.3	51	39	34	32
08:00	0.003017	4.8	.00	29.24	86.9	53	44	37	39
09:00	0.002973	4.7	.00	29.25	283.5	68	52	45	31
10:00	0.002795	4.4	.00	29.26	480.6	53	48	40	33
11:00	0.002781	4.4	.00	29.26	600.0	75	52	45	30
12:00	0.002584	4.1	.00	29.23	628.3	53	43	35	39
13:00	0.00246	3.9	.00	29.22	586.8	62	49	43	35
14:00	0.002417	3.8	.00	29.19	458.8	54	47	42	33
15:00	0.002629	4.2	.00	29.19	163.6	42	42	37	40
16:00	0.002601	4.1	.00	29.19	72.1	58	45	41	34
17:00	0.002721	4.3	.00	29.19	1.0	54	50	46	34
18:00	0.002872	4.5	.00	29.20	-2.1	55	52	44	28
19:00	0.002998	4.7	.00	29.22	-2.4	61	54	48	32
20:00	0.003098	4.9	.00	29.22	-2.1	65	59	50	24
21:00	0.003072	4.9	.00	29.21	-2.1	67	58	46	25
22:00	0.003109	4.9	.00	29.22	-2.0	64	57	47	26
23:00	0.003205	5.1	.00	29.21	-2.5	66	60	51	26
Avg	0.002994	4.7	.00	29.21	139.4	53	44	36	31
Max	0.003634	5.7	.00	29.26	628.3	353	60	51	41
Hr. of Max	00	00	23	11	12	00	23	23	06
Min	0.002417	3.8	.00	29.19	-3.1	22	14	8	17
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	20	18	1.8	6.0	12.7	5.7	11.2	20.6
01:00	18	13	2.5	6.6	14.2	9.4	15.1	34.1
02:00	21	24	1.9	5.4	11.8	9.8	15.3	27.2
03:00	9	9	.8	4.8	10.4	3.9	9.6	20.4
04:00	10	6	1.6	5.3	11.2	5.5	11.0	24.0
05:00	11	5	1.6	5.9	12.8	8.5	15.3	22.0
06:00	19	9	3.7	8.9	17.3	19.2	27.0	31.1
07:00	18	9	3.3	7.5	14.1	12.6	17.4	30.0
08:00	20	8	3.3	7.6	13.6	15.3	20.4	35.0
09:00	21	11	5.1	6.8	10.3	16.7	15.8	19.0
10:00	17	9	5.7	10.0	13.5	16.7	23.8	27.2
11:00	25	14	5.6	7.2	10.1	16.5	17.9	21.8
12:00	21	12	5.3	9.5	13.5	16.5	22.4	23.8
13:00	23	12	6.2	9.5	13.0	21.8	21.8	32.5
14:00	21	11	5.9	9.2	12.4	16.9	25.2	28.6
15:00	20	10	2.8	5.8	9.2	11.9	16.7	17.6
16:00	18	9	3.0	7.0	11.8	13.7	18.1	21.1
17:00	17	6	1.8	4.7	10.2	9.2	12.8	27.5
18:00	17	7	2.0	4.6	9.6	6.9	12.8	22.9
19:00	17	8	2.7	5.3	9.5	13.1	20.6	26.1
20:00	16	6	2.3	4.9	10.2	8.0	15.3	17.4
21:00	17	8	3.3	5.5	11.4	8.5	14.7	28.9
22:00	17	8	3.2	5.9	11.3	9.4	17.2	22.0
23:00	16	7	2.9	5.2	10.0	8.7	10.8	29.5
Avg	18	10	3.3	6.6	11.8	11.9	17.0	25.4
Max	25	24	6.2	10.0	17.3	21.8	27.0	35.0
Hr. of Max	11	02	13	10	06	13	06	08
Min	9	5	.8	4.6	9.2	3.9	9.6	17.4
Count	24	24	24	24	24	24	24	24
Total								