Current Time: 7:22 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/25/2013

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	4.1	4.0	3.7	-.1	-.4	-1.3	11.5	68.4	4.4
01:00	3.1	3.1	2.9	.0	-.2	-2.6	11.1	66.8	4.0
02:00	.5	1.7	2.2	1.3	1.7	-2.3	10.8	82.7	4.1
03:00	-.8	.8	1.4	1.6	2.2	-2.2	10.4	90.9	4.2
04:00	-1.1	-.4	.7	.8	1.8	-1.9	10.1	95.0	4.2
05:00	-1.5	-.6	1.0	.9	2.5	-2.0	9.8	96.8	4.2
06:00	-1.6	-.9	.2	.7	1.9	-2.1	9.5	96.9	4.2
07:00	-1.9	-1.1	-.5	.8	1.4	-2.4	9.3	96.9	4.1
08:00	-1.5	-1.0	-.4	.5	1.1	-2.0	9.0	96.9	4.2
09:00	1.1	1.2	.5	.1	-.6	-1.8	8.9	81.7	4.2
10:00	4.3	3.8	3.1	-.5	-1.2	-2.1	9.0	63.7	4.1
11:00	5.4	4.9	4.3	-.5	-1.1	-2.6	9.6	56.8	3.9
12:00	6.7	6.1	5.6	-.6	-1.1	-3.5	10.1	48.7	3.7
13:00	7.7	7.2	6.7	-.5	-1.0	-4.5	10.9	42.4	3.4
14:00	8.1	7.7	6.8	-.4	-1.3	-4.8	11.5	40.0	3.3
15:00	9.0	8.5	7.8	-.5	-1.2	-5.2	12.0	36.7	3.2
16:00	9.5	9.0	8.2	-.5	-1.2	-5.3	12.4	35.3	3.2
17:00	9.5	9.1	8.3	-.4	-1.2	-4.4	12.7	37.7	3.4
18:00	7.4	8.2	8.1	.8	.7	-1.9	12.8	52.7	4.1
19:00	5.1	6.2	7.2	1.1	2.1	-.4	12.5	68.1	4.6
20:00	3.3	4.4	5.9	1.1	2.6	.5	12.0	82.7	5.0
21:00	2.2	3.3	4.4	1.1	2.2	.7	11.5	90.1	5.1
22:00	1.2	2.3	3.5	1.2	2.3	.5	11.0	96.0	5.0
23:00	.3	1.3	3.0	1.0	2.7	-.2	10.6	97.0	4.8
Avg	3.3	3.7	3.9	.4	.6	-2.2	10.8	71.7	4.1
Max	9.5	9.1	8.3	1.6	2.7	.7	12.8	97.0	5.1
Hr. of Max	17	17	17	03	23	21	18	23	21
Min	-1.9	-1.1	-.5	-.6	-1.3	-5.3	8.9	35.3	3.2
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	0.003514	5.6	.00	29.30	-3.0	278	293	305	23
01:00	0.003188	5.1	.00	29.31	-3.1	307	329	337	25
02:00	0.003265	5.2	.00	29.32	-3.4	282	324	336	12
03:00	0.003284	5.2	.00	29.33	-3.2	280	285	327	11
04:00	0.003343	5.3	.00	29.34	-3.5	311	37	40	6
05:00	0.003312	5.3	.00	29.36	-3.6	272	278	57	4
06:00	0.003287	5.2	.00	29.38	-3.7	266	246	25	4
07:00	0.003209	5.1	.00	29.40	-2.4	273	218	32	4
08:00	0.00331	5.3	.00	29.41	41.8	326	34	49	7
09:00	0.00336	5.4	.00	29.43	158.9	201	199	52	11
10:00	0.003293	5.3	.00	29.44	455.8	101	97	69	21
11:00	0.003172	5.1	.00	29.44	502.6	92	84	67	16
12:00	0.002982	4.8	.00	29.44	659.6	56	56	55	29
13:00	0.002781	4.4	.00	29.42	621.3	76	66	48	31
14:00	0.00271	4.3	.00	29.40	550.6	86	54	30	28
15:00	0.002639	4.2	.00	29.38	501.3	90	81	55	24
16:00	0.002616	4.2	.00	29.37	408.3	58	52	38	38
17:00	0.002795	4.4	.00	29.36	205.4	105	99	76	23
18:00	0.003371	5.4	.00	29.35	31.3	327	134	120	13
19:00	0.003742	5.9	.00	29.35	-1.6	358	48	92	5
20:00	0.004	6.4	.00	29.36	-2.6	317	58	75	13
21:00	0.004044	6.4	.00	29.36	-3.1	350	59	56	7
22:00	0.003988	6.3	.00	29.36	-3.2	308	55	61	6
23:00	0.0038	6.0	.00	29.36	-3.2	9	51	70	17
Avg	0.003292	5.2	.00	29.37	170.7	340	49	46	16
Max	0.004044	6.4	.00	29.44	659.6	358	329	337	38
Hr. of Max	21	21	23	12	12	19	01	01	16
Min	0.002616	4.2	.00	29.30	-3.7	9	34	25	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	19	11	3.2	4.4	10.3	13.5	14.9	30.0
01:00	23	15	1.9	2.8	9.2	7.3	10.1	18.1
02:00	15	8	1.3	1.2	4.8	3.9	5.7	12.4
03:00	9	10	1.6	2.2	3.3	5.0	6.4	9.2
04:00	16	7	.7	.9	1.2	2.5	3.4	2.7
05:00	9	7	.7	.9	1.0	2.3	2.3	2.5
06:00	8	17	1.2	1.3	1.4	2.5	2.5	3.9
07:00	5	5	1.2	1.5	4.3	3.0	2.5	7.1
08:00	10	4	.3	.7	4.3	1.6	2.0	8.7
09:00	12	9	1.5	1.5	1.6	3.4	2.5	5.0
10:00	18	16	4.9	4.9	5.4	11.2	11.7	13.1
11:00	15	14	6.2	6.3	6.6	17.9	17.6	16.3
12:00	29	18	4.9	5.6	6.2	20.8	22.7	26.1
13:00	27	27	4.2	5.0	5.9	12.1	13.3	15.6
14:00	27	22	4.0	4.2	4.6	14.0	15.3	14.0
15:00	28	25	4.2	4.3	4.7	12.8	11.7	14.2
16:00	32	20	3.1	3.5	3.7	14.7	10.8	22.9
17:00	24	17	2.3	2.4	2.8	8.0	9.2	6.9
18:00	10	5	1.1	1.3	2.6	3.9	4.1	4.4
19:00	6	2	1.0	1.2	3.2	2.5	2.5	6.0
20:00	6	2	.7	1.0	3.4	3.2	2.5	7.6
21:00	4	2	.5	.8	3.2	2.1	2.0	6.6
22:00	12	4	.9	1.2	3.4	3.0	2.6	7.1
23:00	17	2	.6	1.0	2.8	2.5	2.5	5.0
Avg	16	11	2.2	2.5	4.2	7.2	7.5	11.1
Max	32	27	6.2	6.3	10.3	20.8	22.7	30.0
Hr. of Max	16	13	11	11	00	12	12	00
Min	4	2	.3	.7	1.0	1.6	2.0	2.5
Count	24	24	24	24	24	24	24	24
Total								