Current Time: 6:58 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/10/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHm gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	9.8	9.7	9.6	.0	-.2	9.2	6.6	97.5	8.9
01:00	10.1	10.2	10.2	.1	.1	9.5	6.6	97.5	9.1
02:00	9.9	10.1	10.5	.2	.6	9.4	6.7	97.5	9.0
03:00	9.6	9.7	10.5	.2	.9	9.0	6.6	97.6	8.8
04:00	9.6	9.7	10.4	.1	.8	9.1	6.6	97.7	8.9
05:00	9.7	9.9	10.4	.1	.7	9.2	6.6	97.7	8.9
06:00	9.8	9.9	10.6 D	.1	.8 D	9.3	6.6	97.6	9.0
07:00	10.1	10.1	10.0	.1	-.1	9.5	6.6	97.5	9.1
08:00	10.4	10.4	10.2	.0	-.2	9.8	6.6	97.3	9.3
09:00	11.0	10.9	10.6	-.1	-.4	9.7	6.6	92.7	9.2
10:00	11.5	11.3	10.9	-.1	-.5	9.6	6.7	89.2	9.1
11:00	12.1	11.9	11.5	-.2	-.6	9.5	6.9	85.5	9.0
12:00	12.7	12.4	12.1	-.3	-.6	9.5	7.1	82.1	9.0
13:00	13.7	13.3	13.0	-.4	-.7	9.7	7.4	77.7	9.1
14:00	14.9	14.5	14.1	-.4	-.8	9.8	7.7	72.4	9.2
15:00	15.9	15.6	15.1	-.3	-.8	10.3	8.1	70.2	9.4
16:00	15.9	15.8	15.5	-.2	-.5	11.0	8.4	73.6	9.9
17:00	15.1	15.3	14.9	.2	-.2	11.3	8.6	79.0	10.1
18:00	14.0	14.5	14.6	.6	.6	11.2	8.6	84.3	10.0
19:00	12.8	13.6	14.6	.8	1.9	11.2	8.6	91.7	10.1
20:00	12.3	13.1	14.4	.8	2.2	11.2	8.5	94.5	10.1
21:00	11.9	12.6	14.3	.7	2.4	10.7	8.4	93.5	9.8
22:00	11.8	12.3	14.0	.5	2.2	10.6	8.3	93.9	9.8
23:00	12.1	12.4	13.8	.3	1.7	10.9	8.2	94.0	9.9
Avg	11.9	12.1	12.3	.1	.4	10.0	7.4	89.7	9.4
Max	15.9	15.8	15.5	.8	2.4	11.3	8.6	97.7	10.1
Hr. of Max	16	16	16	20	21	17	19	05	20
Min	9.6	9.7	9.6	-.4	-.8	9.0	6.6	70.2	8.8
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	11.7	.00	29.43	-1.4	68	63	50	20
01:00	.0	11.9	.00	29.42	-1.6	59	67	53	24
02:00	.0	11.8	.00	29.43	-1.9	36	63	61	14
03:00	.0	11.5	.00	29.43	-2.2	56	63	66	11
04:00	.0	11.6	.00	29.41	-2.1	45	62	70	14
05:00	.0	11.7	.00	29.41	-2.3	48	57	57	14
06:00	.0	11.7	.00	29.40	-2.0	46	56	59	17
07:00	.0	11.9	.00	29.40	-.9	54	57	59	19
08:00	.0	12.1	.00	29.41	22.9	65	60	54	23
09:00	.0	12.0	.00	29.42	28.5	66	63	59	21
10:00	.0	12.0	.00	29.41	62.4	67	65	60	20
11:00	.0	11.9	.00	29.40	86.5	67	61	60	28
12:00	.0	11.9	.00	29.36	183.5	76	63	59	24
13:00	.0	12.1	.00	29.34	239.0	66	54	55	30
14:00	.0	12.2	.00	29.33	342.2	71	65	58	18
15:00	.0	12.6	.00	29.32	248.8	81	71	58	17
16:00	.0	13.2	.00	29.31	95.8	69	66	56	16
17:00	.0	13.4	.00	29.29	12.5	56	54	48	13
18:00	.0	13.3	.00	29.29	-1.9	342	48	51	10
19:00	.0	13.4	.00	29.27	-1.9	40	66	59	12
20:00	.0	13.3	.00	29.25	-2.1	58	65	58	9
21:00	.0	12.9	.00	29.22	-1.7	78	51	62	16
22:00	.0	12.8	.00	29.21	-2.1	259	201	76	11
23:00	.0	13.1	.00	29.18	-1.5	37	46	88	16
Avg	.0	12.3	.00	29.35	54.0	56	62	60	17
Max	.0	13.4	.00	29.43	342.2	342	201	88	30
Hr. of Max	23	19	23	03	14	18	22	23	13
Min	.0	11.5	.00	29.18	-2.3	36	46	48	9
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	14	4	2.8	5.1	10.5	8.2	10.8	19.7
01:00	14	5	2.2	4.6	8.9	7.6	10.1	27.9
02:00	9	7	1.0	2.3	5.1	3.9	7.1	15.1
03:00	9	6	1.0	1.2	5.2	4.4	5.0	9.8
04:00	11	6	1.5	3.5	6.2	5.3	9.2	12.1
05:00	9	4	1.2	3.5	6.3	3.7	7.3	12.8
06:00	10	5	1.8	4.8	6.9	6.2	10.3	12.6
07:00	13	6	2.1	5.0	8.1	6.6	11.4	16.3
08:00	14	4	3.2	6.1	11.5	10.5	12.6	18.5
09:00	17	8	2.8	4.8	8.4	9.8	14.4	20.6
10:00	15	8	3.3	5.2	7.8	9.2	12.6	16.5
11:00	17	9	3.2	4.9	6.9	9.2	13.7	15.8
12:00	17	9	4.2	5.1	6.8	11.0	12.6	19.0
13:00	19	8	3.0	4.3	5.3	9.6	10.3	17.4
14:00	15	13	3.4	3.6	3.5	12.4	11.0	8.2
15:00	13	8	4.0	3.9	3.8	8.9	11.7	7.6
16:00	13	7	1.9	2.5	3.5	6.6	11.0	7.6
17:00	7	3	1.0	3.4	6.2	3.0	8.5	11.4
18:00	10	3	1.2	1.4	4.6	3.4	5.5	8.7
19:00	8	2	1.2	2.2	4.5	4.4	5.7	8.0
20:00	8	2	.8	2.5	5.1	3.2	8.0	11.2
21:00	10	3	1.1	3.5	5.1	5.5	8.9	10.3
22:00	14	9	.7	1.0	1.7	3.2	1.6	9.2
23:00	11	9	1.9	4.5	5.6	5.3	10.8	12.8
Avg	12	6	2.1	3.7	6.1	6.7	9.6	13.7
Max	19	13	4.2	6.1	11.5	12.4	14.4	27.9
Hr. of Max	13	14	12	08	08	14	09	01
Min	7	2	.7	1.0	1.7	3.0	1.6	7.6
Count	24	24	24	24	24	24	24	24
Total								