Current Time: 7:30 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/8/2013

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	-1.4	-.3	1.7	1.1	3.2	-2.0	3.8	96.7	4.2
01:00	-2.0	-1.1	1.5	.9	3.5	-2.5	3.6	96.9	4.1
02:00	-1.9	-1.4	1.5	.5	3.4	-2.4	3.5	97.0	4.1
03:00	-2.6	-2.0	1.1	.6	3.7	-3.1	3.3	97.0	3.9
04:00	-2.9	-2.5	.6	.5	3.5	-3.4	3.2	97.0	3.8
05:00	-2.9	-2.5	.2	.5	3.1	-3.4	3.1	97.0	3.8
06:00	-2.9	-2.4	.0	.5	2.9	-3.4	3.0	97.0	3.8
07:00	-2.9	-2.5	-.4	.4	2.5	-3.4	2.9	96.9	3.8
08:00	-2.2	-2.0	.2	.2	2.4	-2.7	2.8	97.0	4.0
09:00	-.1	-.3	.4	-.2	.5	-.6	2.7	97.1	4.7
10:00	2.3	1.9	1.4	-.4	-.9	.7	2.7	90.2	5.1
11:00	4.6	4.2	3.7	-.4	-.9	.0	2.7	72.4	4.8
12:00	7.0	6.5	6.0	-.5	-1.0	-1.4	3.0	55.8	4.3
13:00	8.9	8.5	7.7	-.4	-1.2	-1.7	3.4	47.9	4.2
14:00	10.6	10.1	9.1	-.5	-1.3 -	-1.4	3.9	43.7	4.2
15:00	11.4	11.0	10.2	-.3	-1.2	-.7	4.4	43.7	4.5
16:00	12.1	11.9	11.1	-.2	-1.0	-.1	4.8	43.7	4.7
17:00	10.8	11.3	10.1	.5	-.7	2.0	5.1	55.2	5.4
18:00	8.5	9.5	10.7	1.0	2.2	2.3	5.1	65.6	5.6
19:00	7.1	8.3	9.8	1.2	2.7	2.4	5.0	72.4	5.6
20:00	5.8	7.0	8.7	1.2	2.9	2.6	4.9	80.8	5.7
21:00	5.1	6.1	8.3	1.0	3.2	2.5	4.8	84.0	5.7
22:00	4.6	5.7	8.0	1.1	3.4	2.4	4.7	86.1	5.7
23:00	3.9	4.8	6.9	.8	3.0	2.4	4.6	90.2	5.7
Avg	3.4	3.7	4.9	.4	1.6	-.6	3.8	79.2	4.6
Max	12.1	11.9	11.1	1.2	3.7	2.6	5.1	97.1	5.7
Hr. of Max	16	16	16	20	03	20	18	09	23
Min	-2.9	-2.5	-.4	-.5	-1.3	-3.4	2.7	43.7	3.8
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	5.3	.00	29.30	-2.8	266	167	6	14
01:00	.0	5.1	.00	29.31	-2.8	22	84	257	10
02:00	.0	5.1	.00	29.31	-2.8	54	58	175	7
03:00	.0	4.9	.00	29.32	-3.5	308	81	325	4
04:00	.0	4.8	.00	29.31	-2.9	31	63	75	9
05:00	.0	4.7	.00	29.31	-3.0	36	56	88	7
06:00	.0	4.8	.00	29.33	-3.2	16	82	77	9
07:00	.0	4.8	.00	29.35	-1.7	16	60	67	10
08:00	.0	5.0	.00	29.37	43.6	42	60	79	8
09:00	.0	5.9	.00	29.39	125.1	54	53	66	18
10:00	.0	6.5	.00	29.40	286.4	65	54	70	20
11:00	.0	6.1	.00	29.39	309.0	79	72	57	16
12:00	.0	5.5	.00	29.36	472.1	98	84	58	17
13:00	.0	5.4	.00	29.33	434.3	82	75	60	19
14:00	.0	5.6	.00	29.32	426.7	87	82	83	25
15:00	.0	5.8	.00	29.31	279.0	168	162	92	13
16:00	.0	6.1	.00	29.31	166.5	177	176	224	13
17:00	.0	7.1	.00	29.30	14.5	133	114	118	6
18:00	.0	7.3	.00	29.31	-1.9	332	67	139	9
19:00	.0	7.3	.00	29.32	-2.0	297	218	184	10
20:00	.0	7.4	.00	29.31	-2.3	24	70	186	5
21:00	.0	7.3	.00	29.31	-2.5	153	43	213	4
22:00	.0	7.3	.00	29.31	-2.3	244	72	324	2
23:00	.0	7.2	.00	29.32	-2.2	261	228	288	2
Avg	.0	5.9	.00	29.33	105.1	46	83	87	11
Max	.0	7.4	.00	29.40	472.1	332	228	325	25
Hr. of Max	23	20	23	10	12	18	23	03	14
Min	.0	4.7	.00	29.30	-3.5	16	43	6	2
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	12	15	1.2	1.4	1.6	3.2	3.8	6.2
01:00	9	9	.8	1.0	2.9	2.5	2.5	6.0
02:00	4	11	.7	1.7	2.5	2.3	3.9	7.3
03:00	3	11	.7	.9	1.3	2.5	4.1	4.6
04:00	4	7	.8	.9	1.7	2.1	3.0	4.4
05:00	6	3	.4	1.7	3.0	1.8	3.7	5.3
06:00	6	4	.9	.8	2.0	2.5	3.4	5.0
07:00	6	6	.6	.8	1.7	2.7	5.0	3.9
08:00	6	3	1.0	2.8	4.9	4.4	6.9	8.5
09:00	14	3	1.6	2.1	4.4	4.8	10.3	10.8
10:00	18	9	3.2	2.9	4.0	8.5	7.8	11.7
11:00	13	13	2.8	3.1	3.0	6.9	6.2	7.1
12:00	15	15	3.2	3.3	3.1	7.6	8.9	7.6
13:00	22	18	3.2	3.3	2.8	7.8	7.6	7.3
14:00	27	25	2.0	1.8	2.3	5.7	7.1	6.0
15:00	27	33	1.6	1.7	.9	4.8	4.1	7.8
16:00	19	23	1.5	1.0	1.1	4.1	3.4	3.0
17:00	5	4	.5	1.4	3.6	2.7	4.1	5.5
18:00	12	4	.6	.7	3.0	2.3	3.4	7.8
19:00	7	2	.7	.8	3.1	2.5	3.0	4.8
20:00	5	1	.1	.0	2.7	1.1	1.5	6.0
21:00	9	3	.2	.0	1.8	1.4	1.7	4.6
22:00	2	5	.0	.0	.9	.7	1.0	5.5
23:00	3	5	.7	.8	1.2	1.8	2.7	3.0
Avg	11	10	1.2	1.5	2.5	3.6	4.5	6.2
Max	27	33	3.2	3.3	4.9	8.5	10.3	11.7
Hr. of Max	15	15	13	13	08	10	09	10
Min	2	1	.0	.0	.9	.7	1.0	3.0
Count	24	24	24	24	24	24	24	24
Total								