Current Time: 6:21 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/9/2013

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	1.8	2.8	3.9	1.0	2.1	-.6	9.9	85.1	4.6
01:00	1.0	2.0	3.6	.9	2.6	.0	9.6	93.0	4.8
02:00	.4	1.3	2.7	.9	2.3	-.4	9.4	94.9	4.7
03:00	-.4	.5	1.3	.9	1.7	-1.0	9.1	96.0	4.5
04:00	-.5	.2	1.2	.7	1.7	-1.0	8.8	96.9	4.5
05:00	-.8	-.2	.8	.6	1.6	-1.3	8.6	97.0	4.4
06:00	-.8	-.2	.5	.5	1.3	-1.3	8.4	97.0	4.4
07:00	-1.2	-.3	.1	.9	1.3	-1.7	8.2	97.1	4.3
08:00	.9	.9	.6	.0	-.3	-.3	8.0	93.0	4.7
09:00	4.8	4.5	3.5	-.3	-1.3	.6	8.1	75.0	5.0
10:00	8.5	8.3	7.2	-.2	-1.3	-.3	8.6	54.5	4.6
11:00	10.4	10.2	9.2	-.2	-1.2	-.8	9.3	46.4	4.4
12:00	11.8	11.5	10.5	-.3	-1.3	-1.1	9.8	41.3	4.3
13:00	12.1	11.9	10.9	-.2	-1.2	-1.1	10.3	40.7	4.3
14:00	12.0	11.9	10.9	-.2	-1.1	-.5	10.6	42.6	4.5
15:00	12.4	12.2	11.3	-.2	-1.1	-.1	10.7	42.9	4.7
16:00	12.6	12.5	11.5	-.1	-1.1	-.4	10.9	41.4	4.6
17:00	10.8	11.7	11.5	1.0	.7	.5	11.0	49.8	4.9
18:00	9.1	10.7	11.1	1.6	2.0	.8	10.8	56.9	5.0
19:00	8.5	10.1	10.3	1.6	1.8	-.4	10.5	53.9	4.6
20:00	7.3	8.9	9.4	1.6	2.1	-.1	10.2	60.2	4.7
21:00	5.9	7.6	8.7	1.7	2.8	.8	9.9	70.6	5.1
22:00	5.5	7.0	8.3	1.5	2.8	1.7	9.7	77.4	5.4
23:00	6.0	7.8	8.2	1.8	2.2	1.3	9.5	72.4	5.2
Avg	5.8	6.4	6.6	.6	.8	-.3	9.6	69.8	4.7
Max	12.6	12.5	11.5	1.8	2.8	1.7	11.0	97.1	5.4
Hr. of Max	16	16	17	23	22	22	17	07	22
Min	-1.2	-.3	.1	-.3	-1.3	-1.7	8.0	40.7	4.3
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	0.003705	5.9	.00	29.29	-2.5	352	62	81	10
01:00	0.003843	6.1	.00	29.29	-2.5	312	52	51	5
02:00	0.003738	5.9	.00	29.29	-2.4	318	21	66	6
03:00	0.003572	5.7	.00	29.30	-1.9	319	264	95	9
04:00	0.003584	5.7	.00	29.30	-2.6	14	61	76	12
05:00	0.003515	5.6	.00	29.30	-2.8	323	54	57	10
06:00	0.003513	5.6	.00	29.31	-2.6	9	52	55	9
07:00	0.003409	5.4	.00	29.31	18.5	265	227	60	19
08:00	0.003783	6.0	.00	29.32	147.5	174	151	48	17
09:00	0.004021	6.4	.00	29.33	389.6	141	140	330	17
10:00	0.003802	6.0	.00	29.33	413.8	206	212	237	16
11:00	0.003669	5.8	.00	29.32	378.2	242	244	239	18
12:00	0.003585	5.7	.00	29.31	300.6	230	234	230	18
13:00	0.003606	5.7	.00	29.29	179.9	235	239	233	18
14:00	0.003761	6.0	.00	29.29	146.1	238	236	227	16
15:00	0.003878	6.1	.00	29.27	147.3	238	237	227	17
16:00	0.003803	6.0	.00	29.24	98.3	248	242	227	14
17:00	0.004037	6.4	.00	29.24	13.3	264	250	235	5
18:00	0.00413	6.5	.00	29.25	-1.7	262	247	232	7
19:00	0.003761	6.0	.00	29.26	-1.9	239	248	240	7
20:00	0.003857	6.1	.00	29.27	-2.1	360	238	237	8
21:00	0.004118	6.5	.00	29.27	-2.2	30	327	241	13
22:00	0.004385	6.9	.00	29.28	-2.5	8	15	233	11
23:00	0.004256	6.7	.00	29.27	-2.3	255	275	220	12
Avg	0.003805	6.0	.00	29.29	91.8	279	250	223	12
Max	0.004385	6.9	.00	29.33	413.8	360	327	330	19
Hr. of Max	22	22	23	10	10	20	21	09	07
Min	0.003409	5.4	.00	29.24	-2.8	8	15	48	5
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	5	1	.2	.4	5.0	1.4	2.3	14.4
01:00	4	2	.4	.7	3.0	1.8	2.2	9.4
02:00	5	2	.5	.8	1.2	1.8	2.3	2.7
03:00	5	2	.5	.8	1.8	2.1	2.3	2.7
04:00	5	2	.8	1.2	2.7	2.3	3.2	5.0
05:00	13	3	.9	1.2	3.2	3.0	2.7	7.3
06:00	4	2	.8	1.6	4.8	3.0	3.7	11.9
07:00	26	4	1.7	2.0	3.5	4.6	3.2	11.2
08:00	18	3	1.3	1.7	2.8	4.4	3.7	5.0
09:00	24	11	2.2	2.4	2.8	5.7	6.0	9.8
10:00	14	13	4.5	5.3	6.1	8.5	11.2	12.1
11:00	17	11	5.6	6.9	8.6	13.5	14.0	15.6
12:00	15	10	6.7	9.0	12.4	14.7	17.6	20.4
13:00	15	9	5.8	7.8	10.6	13.1	15.6	22.0
14:00	14	8	5.6	7.4	10.6	14.7	17.6	18.8
15:00	13	8	4.3	5.5	8.3	9.8	14.7	22.0
16:00	12	6	3.0	4.4	6.9	9.4	10.8	14.4
17:00	5	2	1.8	2.8	7.1	3.2	4.6	12.1
18:00	4	3	1.6	3.9	11.0	3.9	6.6	19.7
19:00	5	3	1.9	4.3	11.5	3.9	10.3	22.0
20:00	4	3	.9	2.2	9.0	3.9	6.4	21.1
21:00	6	3	.5	1.0	7.4	2.3	2.3	14.2
22:00	10	4	.5	1.0	6.1	2.3	2.3	9.4
23:00	6	3	.8	1.1	6.9	3.0	3.4	14.9
Avg	10	5	2.2	3.1	6.4	5.7	7.0	13.3
Max	26	13	6.7	9.0	12.4	14.7	17.6	22.0
Hr. of Max	07	10	12	12	12	14	14	19
Min	4	1	.2	.4	1.2	1.4	2.2	2.7
Count	24	24	24	24	24	24	24	24
Total								