Current Time: 6:11 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/26/2013

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	-.2	.5	2.2	.7	2.4	-.7	10.2	97.0	4.6
01:00	-.7	.2	1.1	.9	1.8	-1.2	9.8	97.1	4.5
02:00	-.9	-.3	.4	.6	1.3	-1.4	9.5	97.1	4.4
03:00	-1.5	-.7	-.2	.8	1.3	-1.9	9.2	97.0	4.2
04:00	-1.6	-1.2	-.7	.4	.9	-2.1	8.9	97.0	4.2
05:00	-1.1	-1.0	-.9	.2	.2	-1.6	8.8	97.1	4.3
06:00	-.5	-.6	-.7	-.1	.2	-1.0	8.7	97.1	4.5
07:00	-.8	-.9	-1.1	-.1	-.3	-1.3	8.6	97.2	4.4
08:00	-.9	-1.0	-1.3	-.2	-.4	-1.3	8.6	97.2	4.4
09:00	-.7	-.8	-1.0	-.1	-.3	-1.2	8.6	97.2	4.5
10:00	1.1	1.0	.6	-.1	-.5 +	.6	8.7	97.3	5.1
11:00	4.4	3.7	3.2	-.7	-1.2	-.1	9.2	73.8	4.8
12:00	8.4	7.6	7.2	-.8	-1.2	-.5	9.7	54.1	4.6
13:00	11.0	10.6	9.6	-.4	-1.4	-2.1	10.6	40.8	4.0
14:00	12.5	12.1	11.1	-.4	-1.4	-3.3	11.3	33.7	3.7
15:00	13.1	12.8	11.8	-.3	-1.3	-3.2	12.0	32.6	3.7
16:00	13.2	13.0	12.2	-.2	-1.0	-2.2	12.4	34.9	4.0
17:00	13.4	13.2	12.4	-.2	-1.0	-2.0	12.5	35.0	4.0
18:00	12.7	12.8	12.5	.0	-.2	-.6	12.5	40.6	4.5
19:00	11.3	12.0	12.2	.7	.9	.8	12.4	49.0	5.0
20:00	11.5	11.6	11.7	.1	.2	.2	12.2	46.4	4.8
21:00	11.7	11.6	11.3	-.1	-.4	-.4	12.0	43.9	4.6
22:00	11.5	11.4	11.1	-.1	-.4	.0	11.9	45.6	4.7
23:00	11.0	11.0	10.8	.0	-.2	.8	11.8	50.1	5.0
Avg	5.7	5.8	5.6	.0	-.1	-1.1	10.4	68.7	4.4
Max	13.4	13.2	12.5	.9	2.4	.8	12.5	97.3	5.1
Hr. of Max	17	17	18	01	00	23	18	10	10
Min	-1.6	-1.2	-1.3	-.8	-1.4	-3.3	8.6	32.6	3.7
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	0.003662	5.8	.00	29.34	-2.4	336	41	70	8
01:00	0.003537	5.6	.00	29.33	-3.3	340	66	64	8
02:00	0.003482	5.5	.00	29.32	-3.5	347	65	54	5
03:00	0.003338	5.3	.00	29.31	-3.7	276	193	65	3
04:00	0.003307	5.2	.00	29.31	-3.6	279	16	55	7
05:00	0.003419	5.4	.00	29.30	-3.6	319	28	70	13
06:00	0.003589	5.7	.00	29.31	-3.0	3	30	88	13
07:00	0.003504	5.6	.00	29.31	-2.1	357	34	82	11
08:00	0.003489	5.5	.00	29.31	21.0	338	6	107	18
09:00	0.00353	5.6	.00	29.32	102.9	248	246	199	13
10:00	0.004046	6.4	.00	29.32	421.1	211	226	213	15
11:00	0.00385	6.1	.00	29.30	583.9	220	223	223	20
12:00	0.00374	5.9	.00	29.26	661.4	232	234	227	22
13:00	0.003351	5.3	.00	29.23	687.4	231	232	224	20
14:00	0.003077	4.9	.00	29.20	634.6	211	218	214	22
15:00	0.003104	4.9	.00	29.19	351.2	222	224	220	21
16:00	0.003331	5.3	.00	29.17	149.4	223	224	215	22
17:00	0.003392	5.4	.00	29.16	122.9	223	223	218	20
18:00	0.003764	5.9	.00	29.15	21.6	251	238	222	14
19:00	0.004143	6.5	.00	29.15	-1.6	271	230	211	10
20:00	0.003965	6.3	.00	29.15	-2.4	225	224	212	17
21:00	0.0038	6.0	.00	29.15	-2.1	231	231	220	22
22:00	0.003913	6.2	.00	29.16	-1.8	259	255	244	17
23:00	0.004144	6.5	.00	29.18	-2.1	242	234	225	13
Avg	0.003603	5.7	.00	29.25	155.1	263	240	187	15
Max	0.004144	6.5	.00	29.34	687.4	357	255	244	22
Hr. of Max	23	23	23	00	13	07	22	22	21
Min	0.003077	4.9	.00	29.15	-3.7	3	6	54	3
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	8	2	.4	.8	2.6	1.8	2.1	5.7
01:00	7	2	.7	1.0	2.3	1.8	2.5	5.0
02:00	4	2	.6	1.0	4.0	1.8	2.5	7.8
03:00	13	2	1.5	1.7	2.2	2.7	3.5	5.0
04:00	5	2	.9	1.2	2.5	2.1	2.7	7.3
05:00	11	3	.6	1.1	3.4	3.0	4.1	7.1
06:00	15	4	1.0	1.3	3.7	2.7	5.3	11.7
07:00	17	6	1.4	1.6	2.4	3.7	3.0	5.3
08:00	20	16	1.1	1.2	1.3	3.2	3.2	4.8
09:00	14	13	1.8	1.7	1.6	3.7	3.4	3.7
10:00	13	8	2.7	3.1	4.7	7.1	6.9	10.3
11:00	17	10	6.3	8.1	11.0	15.1	16.5	19.9
12:00	18	11	7.5	9.6	11.6	17.9	20.2	20.6
13:00	16	8	8.1	11.0	14.1	21.8	23.4	32.7
14:00	18	12	7.0	9.3	12.1	19.0	20.6	20.6
15:00	16	8	6.9	9.4	13.5	18.8	19.2	22.7
16:00	16	8	5.1	7.2	12.0	12.8	17.2	19.0
17:00	17	7	4.6	6.7	11.2	11.2	20.2	22.7
18:00	14	6	1.7	3.2	8.5	8.2	10.1	12.8
19:00	8	5	1.9	4.1	10.0	5.0	8.9	17.2
20:00	13	7	3.7	6.5	12.6	11.0	14.0	20.4
21:00	15	7	4.6	7.7	13.9	17.9	17.6	41.2
22:00	12	6	4.0	6.6	11.3	10.8	13.7	21.1
23:00	9	5	1.9	3.7	8.5	4.4	10.3	18.5
Avg	13	7	3.2	4.5	7.5	8.6	10.5	15.1
Max	20	16	8.1	11.0	14.1	21.8	23.4	41.2
Hr. of Max	08	08	13	13	13	13	13	21
Min	4	2	.4	.8	1.3	1.8	2.1	3.7
Count	24	24	24	24	24	24	24	24
Total								