Current Time: 1:18 PM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/13/2013

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	14.0	14.7	15.7	.7	1.7	13.4	19.2	97.7	11.6
01:00	13.6	14.3	15.5	.6	1.9	13.0	18.9	97.8	11.4
02:00	13.7	14.2	15.2	.5	1.5	13.1	18.5	97.8	11.4
03:00	12.9	13.5	14.7	.6	1.8	12.4	18.2	97.8	10.9
04:00	12.7	13.3	14.0	.5	1.3	12.2	17.9	97.8	10.8
05:00	12.3	12.8	13.7	.6	1.4	11.7	17.6	97.8	10.5
06:00	12.2	12.7	13.2	.5	1.0	11.6	17.4	97.9	10.4
07:00	11.6	12.4	12.7	.8	1.1	11.1	17.2	97.9	10.1
08:00	12.1	12.4	12.7	.3	.6	11.6	17.0	97.9	10.4
09:00	14.8	14.7	14.1	-.1	-.7	13.6	17.0	94.3	11.8
10:00	18.5	18.2	17.2	-.3	-1.3	13.6	17.4	74.5	11.6
11:00	21.8	21.3	20.5	-.5	-1.3	14.2	18.1	63.3	12.0
12:00	23.8	23.3	22.5	-.5	-1.3	13.9	18.5	55.4	11.7
13:00	23.9	23.5	22.6	-.4	-1.3	13.9	19.5	54.9	11.7
14:00	23.9	23.7	22.8	-.2	-1.1	14.1	20.2	55.3	11.8
15:00	24.5	24.1	23.5	-.4	-1.0	14.1	20.5	53.5	11.8
16:00	24.9	24.5	23.9	-.4	-1.0	13.8	20.9	51.5	11.6
17:00	24.6	24.4	23.7	-.2	-.9	14.1	21.3	53.3	11.8
18:00	22.3	23.1	23.3	.9	1.0	16.3	21.6	70.5	13.6
19:00	20.9	21.8	22.2	.9	1.3	16.6	21.4	77.9	14.0
20:00	20.3	20.9	21.7	.7	1.4	17.0	21.1	83.2	14.4
21:00	19.3	20.0	20.8	.7	1.5	16.9	20.8	87.9	14.4
22:00	18.6	19.4	20.1	.9	1.5	16.9	20.5	92.1	14.4
23:00	17.9	18.8	19.4	.9	1.4	16.9	20.2	95.2	14.3
Avg	18.1	18.4	18.6	.3	.4	14.0	19.2	81.0	12.0
Max	24.9	24.5	23.9	.9	1.9	17.0	21.6	97.9	14.4
Hr. of Max	16	16	16	23	01	20	18	08	22
Min	11.6	12.4	12.7	-.5	-1.3	11.1	17.0	51.5	10.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	0.009834	15.4	.00	29.16	-1.7	259	230	338	5
01:00	0.00962	15.0	.00	29.17	-1.9	313	260	314	8
02:00	0.009657	15.1	.00	29.17	-1.6	359	35	69	10
03:00	0.009198	14.4	.00	29.18	-1.8	302	130	19	9
04:00	0.009077	14.2	.00	29.18	-2.0	315	9	12	5
05:00	0.008801	13.8	.00	29.19	-2.2	359	44	341	9
06:00	0.008754	13.7	.00	29.20	-2.7	353	60	31	5
07:00	0.008422	13.2	.00	29.21	.8	273	260	351	4
08:00	0.008705	13.7	.00	29.22	79.5	278	67	17	8
09:00	0.009981	15.6	.00	29.24	278.3	189	185	348	8
10:00	0.009972	15.6	.00	29.25	465.5	155	181	303	20
11:00	0.010388	16.3	.00	29.25	621.7	140	143	112	22
12:00	0.010248	16.1	.00	29.26	690.1	36	40	30	34
13:00	0.010239	16.0	.00	29.24	273.6	74	67	33	24
14:00	0.010346	16.2	.00	29.23	331.6	314	10	35	16
15:00	0.010372	16.2	.00	29.22	322.4	134	128	107	16
16:00	0.01023	16.0	.00	29.21	421.6	101	92	47	26
17:00	0.010359	16.2	.00	29.21	198.1	337	12	20	23
18:00	0.011919	18.6	.00	29.21	28.8	342	41	49	11
19:00	0.012174	19.0	.00	29.22	-1.0	346	54	57	6
20:00	0.01247	19.5	.00	29.23	-1.3	29	76	38	9
21:00	0.01241	19.4	.00	29.24	-1.5	21	70	41	11
22:00	0.01239	19.3	.00	29.25	-1.4	320	73	43	9
23:00	0.012327	19.2	.00	29.24	-1.3	307	103	34	9
Avg	0.010329	16.2	.00	29.22	153.8	339	72	26	13
Max	0.01247	19.5	.00	29.26	690.1	359	260	351	34
Hr. of Max	20	20	23	12	12	05	07	07	12
Min	0.008422	13.2	.00	29.16	-2.7	21	9	12	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	11	10	1.7	1.7	2.1	4.8	4.6	5.0
01:00	11	6	1.2	2.1	4.0	3.7	6.2	6.6
02:00	7	2	.6	1.1	3.5	2.7	10.1	7.6
03:00	6	9	.6	1.1	2.8	3.7	5.3	4.8
04:00	7	7	.6	.8	2.3	2.7	3.4	4.6
05:00	12	4	.2	.5	2.0	1.6	2.6	3.4
06:00	4	2	.5	.5	2.1	2.1	2.5	4.6
07:00	5	5	.9	.7	1.5	3.0	2.5	1.8
08:00	8	14	.2	.5	1.4	1.1	3.0	3.2
09:00	14	11	1.5	.8	2.2	3.4	3.4	5.7
10:00	24	19	1.5	1.2	1.7	4.1	3.9	5.5
11:00	23	31	2.6	2.5	2.3	6.9	8.0	7.8
12:00	33	21	3.0	3.4	4.1	8.9	10.1	10.1
13:00	18	22	2.5	2.9	2.8	9.2	8.7	13.1
14:00	20	17	1.8	1.8	2.1	6.0	6.6	6.2
15:00	17	17	3.1	3.4	3.5	8.9	8.9	9.4
16:00	29	28	2.1	2.7	3.2	6.2	10.8	10.5
17:00	23	13	1.9	4.1	6.2	5.7	14.4	18.8
18:00	9	5	1.1	2.8	5.5	2.7	8.0	12.8
19:00	5	4	.9	1.5	3.9	1.8	3.9	10.3
20:00	5	4	.8	2.2	8.6	2.7	5.0	18.1
21:00	6	3	.6	1.7	8.1	2.3	6.2	16.5
22:00	5	5	.7	1.0	7.5	2.1	4.6	15.6
23:00	11	6	1.1	1.3	7.1	2.5	3.9	14.7
Avg	13	11	1.3	1.8	3.8	4.1	6.1	9.0
Max	33	31	3.1	4.1	8.6	9.2	14.4	18.8
Hr. of Max	12	11	15	17	20	13	17	17
Min	4	2	.2	.5	1.4	1.1	2.5	1.8
Count	24	24	24	24	24	24	24	24
Total								