Current Time: 8:11 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/8/2014

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	-12.4	-11.5	-10.5	.9	1.9	-14.9	.5	81.6	1.6
01:00	-12.7	-12.0	-10.8	.7	1.9	-14.9	.5	83.8	1.6
02:00	-12.8	-12.1	-11.2	.7	1.6	-14.8	.5	85.3	1.6
03:00	-12.9	-12.3	-11.0	.6	1.9	-14.6	.4	86.8	1.6
04:00	-13.2	-12.4	-11.2	.8	2.0	-14.8	.4	88.1	1.6
05:00	-13.0	-12.2	-11.0	.8	2.0	-14.5	.4	88.7	1.6
06:00	-12.5	-12.1	-10.9	.4	1.6	-13.8	.3	89.9	1.7
07:00	-12.2	-11.8	-10.9	.4	1.3	-13.5	.3	90.0	1.8
08:00	-11.3	-11.3	-10.8	.0	.5	-12.9	.3	88.5	1.9
09:00	-9.1	-9.5	-9.8	-.4	-.7	-12.6	.2	76.0	1.9
10:00	-6.9	-7.3	-7.9	-.5	-1.0	-12.6	.2	63.8	1.9
11:00	-4.9	-5.3	-5.9	-.4	-1.0	-13.3	.2	52.2	1.8
12:00	-3.0	-3.5	-4.1	-.5	-1.1	-12.9	.2	46.9	1.8
13:00	-1.4	-1.8	-2.6	-.4	-1.2	-12.1	.3	44.5	2.0
14:00	.1	-.4	-1.1	-.5	-1.2	-11.9	.3	40.3	2.0
15:00	1.1	.8	.0	-.3	-1.1	-11.3	.3	39.3	2.1
16:00	1.5	1.3	.8	-.2	-.7	-11.1	.3	39.0	2.1
17:00	.8	.9	.8	.1	.0	-9.5	.3	46.3	2.4
18:00	-.4	.0	.2	.4	.6	-9.0	.3	52.7	2.5
19:00	-.9	-.6	-.2	.3	.7	-8.5	.4	56.4	2.6
20:00	-1.2	-1.0	-.8	.1	.4	-8.3	.4	58.7	2.6
21:00	-1.7	-1.5	-1.1	.2	.6	-8.4	.4	60.5	2.6
22:00	-1.9	-1.6	-1.6	.3	.3	-7.9	.4	64.1	2.7
23:00	-2.3	-1.7	-1.7	.6	.6	-7.9	.4	65.8	2.7
Avg	-6.0	-5.8	-5.6	.2	.4	-11.9	.3	66.2	2.0
Max	1.5	1.3	.8	.9	2.0	-7.9	.5	90.0	2.7
Hr. of Max	16	16	17	00	05	23	02	07	23
Min	-13.2	-12.4	-11.2	-.5	-1.2	-14.9	.2	39.0	1.6
Count	24	24	24	24	24	24	24	24	24
Total									

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1/8/2014

Interval: 001h

	14_Mix Ratio	15_Vapor Pr	17_Precip_In	18_PrecipSum	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	None	KPa	INCHES	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	0.001197	1.9	.00	.00	29.45	-3.9	333	344	247
01:00	0.001197	1.9	.00	.00	29.46	-4.1	306	42	225
02:00	0.001209	1.9	.00	.00	29.48	-4.1	318	50	234
03:00	0.001224	2.0	.00	.00	29.49	-4.1	357	50	149
04:00	0.001208	1.9	.00	.00	29.49	-4.3	291	57	118
05:00	0.001234	2.0	.00	.00	29.49	-4.4	354	55	87
06:00	0.001306	2.1	.00	.00	29.50	-4.3	17	59	70
07:00	0.001344	2.2	.00	.00	29.51	-2.2	33	67	60
08:00	0.001413	2.3	.00	.00	29.52	47.5	59	62	68
09:00	0.001446	2.3	.00	.00	29.54	285.8	82	76	62
10:00	0.001445	2.3	.00	.00	29.55	417.2	95	88	66
11:00	0.001374	2.2	.00	.00	29.53	459.5	70	72	53
12:00	0.001431	2.3	.00	.00	29.49	475.7	69	68	58
13:00	0.001529	2.4	.00	.00	29.47	358.7	115	115	176
14:00	0.00155	2.5	.00	.00	29.45	437.2	122	121	99
15:00	0.001626	2.6	.00	.00	29.45	200.9	81	82	71
16:00	0.001658	2.7	.00	.00	29.44	128.4	29	46	52
17:00	0.001875	3.0	.00	.00	29.43	13.9	33	62	64
18:00	0.001942	3.1	.00	.00	29.43	-2.4	47	53	61
19:00	0.002016	3.2	.00	.00	29.44	-2.8	35	51	63
20:00	0.002054	3.3	.00	.00	29.44	-2.8	51	62	52
21:00	0.002033	3.2	.00	.00	29.44	-2.7	34	59	57
22:00	0.002117	3.4	.00	.00	29.44	-2.9	39	65	57
23:00	0.002123	3.4	.00	.00	29.45	-2.9	274	3	53
Avg	0.001565	2.5	.00	.00	29.47	115.7	35	61	76
Max	0.002123	3.4	.00	.00	29.55	475.7	357	344	247
Hr. of Max	23	23	23	23	10	12	03	00	00
Min	0.001197	1.9	.00	.00	29.43	-4.4	17	3	52
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	29_Sigma_10m	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	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	15	12	3	.6	1.0	4.0	2.5	2.5	8.9
01:00	9	4	1	.4	.8	2.9	3.0	2.1	5.5
02:00	8	14	3	.4	.8	1.8	1.8	2.1	3.2
03:00	11	4	10	.8	1.1	1.5	2.3	2.6	3.9
04:00	13	13	8	.8	1.1	1.8	3.0	2.6	3.9
05:00	8	4	6	.5	.8	1.7	3.2	2.1	4.8
06:00	6	4	2	1.0	1.4	4.0	2.7	4.1	8.2
07:00	7	5	2	1.0	2.3	3.3	2.5	6.6	7.6
08:00	18	14	6	1.4	2.6	3.8	5.7	7.8	7.3
09:00	16	17	12	3.8	3.6	3.1	8.9	8.5	8.2
10:00	17	17	16	3.4	3.0	2.7	7.3	8.2	6.2
11:00	24	28	33	2.3	1.9	1.6	6.4	5.7	5.5
12:00	30	36	36	1.9	1.4	1.4	5.3	6.4	5.3
13:00	23	27	36	2.0	1.4	1.2	6.6	6.0	7.8
14:00	21	23	25	2.3	1.8	1.8	5.5	6.0	5.3
15:00	22	16	15	2.5	2.3	2.0	8.9	5.7	5.5
16:00	22	21	17	1.2	1.5	1.9	4.1	4.6	4.4
17:00	13	8	6	1.1	2.8	3.6	4.4	9.2	7.1
18:00	11	9	5	.9	3.3	4.6	4.4	6.6	10.1
19:00	17	10	5	1.1	3.9	5.2	3.9	8.0	14.4
20:00	13	7	3	1.5	3.3	5.8	3.9	6.6	9.6
21:00	17	8	3	1.0	2.7	4.8	3.7	5.7	10.1
22:00	9	10	4	.8	1.8	5.2	2.7	4.1	11.0
23:00	5	16	4	1.1	1.4	3.5	2.5	3.4	6.9
Avg	15	14	11	1.4	2.0	3.1	4.4	5.3	7.1
Max	30	36	36	3.8	3.9	5.8	8.9	9.2	14.4
Hr. of Max	12	12	13	09	19	20	15	17	19
Min	5	4	1	.4	.8	1.2	1.8	2.1	3.2
Count	24	24	24	24	24	24	24	24	24
Total									