Current Time: 7:34 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/15/2013

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	-.7	.4	2.8	1.1	3.5 +	-4.2	6.2	77.8	3.6
01:00	-.9	.1	1.9	1.1	<	-4.1	6.0	79.4	3.6
02:00	-.7	.2	2.0	.9	<	-3.6	5.8	81.3	3.7
03:00	-.2	.4	2.6	.6	<	-2.8	5.7	83.5	4.0
04:00	.1	.6	2.4	.5	2.5	-1.9	5.6	86.9	4.2
05:00	-.1	1.1	2.7	1.2	2.8	-1.9	5.5	88.6	4.2
06:00	-.2	.9	2.2	1.1	2.4	-1.7	5.5	90.0	4.3
07:00	-.1	.7	1.8	.8	1.9	-1.6	5.4	90.2	4.3
08:00	1.8	1.9	1.8	.1	.0	-.5	5.4	85.1	4.6
09:00	4.6	4.3	3.5	-.3	-1.1	-.6	5.6	69.7	4.6
10:00	6.9	6.5	5.7	-.4	-1.2	-2.2	5.9	53.0	4.0
11:00	8.6	8.3	7.5	-.3	-1.1	-3.5	6.5	42.9	3.7
12:00	9.2	9.0	8.0	-.3	-1.2	-3.8	7.0	40.0	3.6
13:00	8.9	8.7	8.0	-.1	-.9	-.7	7.4	52.7	4.6
14:00	8.4	8.3	7.8	-.1	-.6	1.8	7.7	63.9	5.4
15:00	7.7	7.6	7.2	-.1	-.5	3.5	7.9	75.2	6.1
16:00	6.8	6.7	6.7	.0	-.1	4.9	8.1	88.9	6.7
17:00	5.9	5.9	5.6	.0	-.3	5.3	8.1	97.3	6.9
18:00	6.0	5.9	5.5	-.1	-.5	5.4	8.1	97.4	7.0
19:00	6.1	6.0	5.6	-.1	-.5	5.6	8.0	97.4	7.0
20:00	6.3	6.2	5.6	-.1	-.7	5.8	8.0	97.5	7.1
21:00	6.5	6.4	5.8	-.1	-.7	5.9	8.0	97.5	7.2
22:00	6.6	6.5	6.0	-.1	-.6	6.1	8.1	97.5	7.3
23:00	6.8	6.7	6.2	-.1	-.5	6.3	8.1	97.5	7.4
Avg	4.3	4.6	4.8	.2	.1	.7	6.8	80.5	5.2
Max	9.2	9.0	8.0	1.2	3.5	6.3	8.1	97.5	7.4
Hr. of Max	12	12	13	05	00	23	23	23	23
Min	-.9	.1	1.8	-.4	-1.2	-4.2	5.4	40.0	3.6
Count	24	24	24	24	21	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	0.002824	4.5	.00	29.29	-2.8	13	72	204	16
01:00	0.002838	4.5	.00	29.28	-3.2	310	62	169	31
02:00	0.002965	4.7	.00	29.28	-2.4	33	47	144	6
03:00	0.003149	5.0	.00	29.27	-2.8	45	62	119	6
04:00	0.00336	5.3	.00	29.27	-2.7	4	52	56	9
05:00	0.003359	5.3	.00	29.27	-2.5	317	73	68	12
06:00	0.003409	5.4	.00	29.28	-2.5	302	57	85	13
07:00	0.00343	5.4	.00	29.29	8.9	300	68	93	17
08:00	0.003711	5.9	.00	29.30	58.3	58	40	86	16
09:00	0.0037	5.9	.00	29.29	193.0	62	44	70	33
10:00	0.003294	5.2	.00	29.29	292.4	91	90	74	17
11:00	0.003013	4.8	.00	29.28	242.5	72	76	62	25
12:00	0.002935	4.7	.00	29.26	103.5	186	143	82	19
13:00	0.003753	5.9	.01	29.24	111.4	55	95	75	14
14:00	0.004446	7.0	.00	29.21	88.0	32	59	60	18
15:00	0.004981	7.9	.00	29.20	43.6	48	86	84	22
16:00	0.005501	8.7	.11	29.21	6.9	78	115	94	19
17:00	0.005676	8.9	.03	29.20	-.7	356	25	54	14
18:00	0.005715	9.0	.01	29.20	-1.7	1	21	45	18
19:00	0.005765	9.1	.00	29.20	-1.5	37	36	43	17
20:00	0.005851	9.2	.00	29.20	-1.8	13	47	60	22
21:00	0.00592	9.3	.00	29.21	-2.1	21	73	66	8
22:00	0.005989	9.4	.00	29.21	-2.6	352	27	57	15
23:00	0.006056	9.5	.00	29.21	-2.6	4	32	65	13
Avg	0.004235	6.7	.00	29.25	46.5	22	62	79	17
Max	0.006056	9.5	.11	29.30	292.4	356	143	204	33
Hr. of Max	23	23	16	08	10	17	12	00	09
Min	0.002824	4.5	.00	29.20	-3.2	1	21	43	6
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	11	.7	1.0	2.0	2.5	2.5	6.9
01:00	17	11	.6	.9	2.5	2.3	3.0	5.5
02:00	7	4	.6	1.2	2.7	2.5	3.0	5.3
03:00	4	7	.8	1.8	2.3	2.1	3.2	9.2
04:00	7	10	.6	.9	.9	3.4	3.2	4.6
05:00	14	6	2.0	2.4	2.8	6.2	5.7	6.4
06:00	16	3	.8	.9	3.0	2.3	2.5	5.0
07:00	10	3	1.3	1.7	4.4	4.1	3.4	8.5
08:00	8	4	.5	2.3	5.4	2.7	5.0	8.7
09:00	18	9	1.7	2.5	3.5	5.3	6.0	7.6
10:00	14	13	2.6	2.5	2.4	8.9	6.0	5.5
11:00	25	20	1.8	1.6	1.5	5.3	5.3	4.8
12:00	20	20	.7	1.0	1.3	3.2	2.5	2.7
13:00	17	13	1.2	1.2	1.2	3.7	3.4	3.7
14:00	15	6	1.3	2.0	2.4	6.4	6.6	5.7
15:00	20	8	2.2	2.8	3.9	10.8	11.2	11.9
16:00	14	8	1.1	1.5	3.6	4.1	5.5	7.6
17:00	14	6	.7	2.1	3.3	4.4	4.6	6.6
18:00	18	5	.7	1.2	2.7	2.3	3.4	5.7
19:00	13	13	1.3	2.8	5.4	3.9	6.4	8.9
20:00	11	7	1.0	3.0	3.3	4.8	7.3	8.0
21:00	13	7	.9	1.3	2.4	2.5	4.1	6.4
22:00	15	6	.7	1.7	2.3	3.2	3.4	5.3
23:00	8	7	.9	1.2	2.4	3.0	3.7	6.0
Avg	14	9	1.1	1.7	2.8	4.2	4.6	6.5
Max	25	20	2.6	3.0	5.4	10.8	11.2	11.9
Hr. of Max	11	12	10	20	19	15	15	15
Min	4	3	.5	.9	.9	2.1	2.5	2.7
Count	24	24	24	24	24	24	24	24
Total								