Current Time: 10:26 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

3/29/2013

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	3.4	5.0	8.3	1.6	4.9	-4.1	8.3	58.6	3.6
01:00	2.1	3.2	6.7	1.1	4.6	-3.0	7.9	69.4	3.9
02:00	1.1	2.3	4.7	1.2	3.6	-3.5	7.5	72.1	3.7
03:00	.3	1.4	3.9	1.1	3.6	-3.5	7.2	75.8	3.7
04:00	.0	.9	3.6	.9	3.6 +	-3.3	6.9	79.0	3.8
05:00	.3	1.1	3.5	.7	3.2	-3.0	6.6	78.8	3.9
06:00	.3	.8	3.2	.5	2.9	-3.0	6.4	79.1	3.9
07:00	.5	.7	2.2	.2	1.7	-2.7	6.2	79.8	4.0
08:00	1.4	1.5	1.5	.1	.1	-2.0	6.0	78.4	4.2
09:00	3.0	2.8	2.2 D	-.1	-.8 D	-1.3	6.0	74.2	4.4
10:00	4.3	4.1	3.3	-.2	-1.0	-1.6	6.1	66.0	4.3
11:00	7.4	7.1	6.1	-.3	-1.3	-3.2	6.3	47.8	3.8
12:00	9.2	9.0	7.8	-.2	-1.4	-3.9	6.7	40.0	3.6
13:00	7.4	7.2	6.4	-.2	-1.0	2.0	7.2	70.5	5.5
14:00	6.8	6.6	6.1	-.3	-.7	4.2	7.5	83.9	6.4
15:00	6.8	6.6	6.1	-.3	-.7	5.3	7.7	90.6	6.9
16:00	6.9	6.7	6.2	-.2	-.7	6.1	7.9	95.6	7.3
17:00	6.7	6.5	6.1	-.2	-.6	6.2	8.1	97.3	7.3
18:00	6.7	6.6	6.1	-.2	-.6	6.2	8.1	97.5	7.4
19:00	6.6	6.5	6.0	-.1	-.6	6.1	8.1	97.5	7.3
20:00	6.2	6.2	5.7	.0	-.5	5.7	8.1	97.6	7.1
21:00	6.0	6.0	5.6	.0	-.4	5.5	8.0	97.6	7.0
22:00	6.0	5.9	5.6	-.1	-.4	5.5	7.9	97.6	7.0
23:00	5.9	5.8	5.5	-.1	-.4	5.4	7.8	97.6	7.0
Avg	4.4	4.6	5.1	.2	.7	.8	7.3	80.1	5.3
Max	9.2	9.0	8.3	1.6	4.9	6.2	8.3	97.6	7.4
Hr. of Max	12	12	00	00	00	18	00	23	18
Min	.0	.7	1.5	-.3	-1.4	-4.1	6.0	40.0	3.6
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	0.002864	4.5	.00	29.32	-2.3	47	54	56	6
01:00	0.003088	4.9	.00	29.32	-2.4	19	77	68	7
02:00	0.002979	4.7	.00	29.32	-2.6	17	52	73	8
03:00	0.00297	4.7	.00	29.32	-2.6	330	53	86	13
04:00	0.003012	4.8	.00	29.31	-1.8	49	62	80	3
05:00	0.003092	4.9	.00	29.31	-2.8	23	63	46	7
06:00	0.003096	4.9	.00	29.31	-2.9	19	65	44	6
07:00	0.003166	5.0	.00	29.32	5.7	21	71	44	10
08:00	0.00333	5.3	.00	29.33	83.1	92	56	66	11
09:00	0.003517	5.6	.00	29.34	91.8	210	231	59	11
10:00	0.003428	5.4	.00	29.35	171.4	254	352	31	20
11:00	0.003065	4.9	.00	29.35	391.7	145	115	101	23
12:00	0.002914	4.6	.00	29.35	277.8	219	221	216	18
13:00	0.00451	7.2	.02	29.35	142.9	224	228	238	14
14:00	0.005206	8.2	.02	29.33	185.6	142	132	78	16
15:00	0.005628	8.9	.03	29.32	132.1	172	169	155	10
16:00	0.005969	9.4	.02	29.30	117.6	83	85	82	13
17:00	0.006003	9.5	.03	29.28	61.4	77	84	84	17
18:00	0.006016	9.5	.02	29.27	38.4	79	87	88	16
19:00	0.005966	9.4	.00	29.26	3.2	72	88	89	18
20:00	0.005811	9.2	.00	29.26	-3.1	31	46	63	20
21:00	0.005717	9.0	.01	29.26	-2.2	39	39	45	16
22:00	0.005722	9.0	.03	29.26	-2.4	56	51	48	24
23:00	0.005682	9.0	.06	29.26	-2.0	56	54	56	24
Avg	0.004281	6.8	.01	29.31	69.8	60	74	71	14
Max	0.006016	9.5	.06	29.35	391.7	330	352	238	24
Hr. of Max	18	18	23	13	11	03	10	13	23
Min	0.002864	4.5	.00	29.26	-3.1	17	39	31	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	6	11	.5	.7	1.6	2.1	1.8	5.0
01:00	7	2	.5	.7	2.0	2.7	1.8	7.3
02:00	3	2	.5	.7	2.7	2.1	1.7	5.7
03:00	1	3	.2	.4	3.1	1.6	1.1	6.6
04:00	3	2	.5	.7	4.1	2.3	2.5	7.3
05:00	4	1	.9	1.9	5.0	2.7	3.9	8.2
06:00	3	1	.8	2.2	3.6	2.7	4.8	7.3
07:00	6	7	.8	1.1	2.5	4.8	8.5	10.8
08:00	11	3	.7	.9	3.1	2.7	4.1	5.7
09:00	12	9	1.1	1.3	1.8	4.4	2.7	4.4
10:00	23	14	1.2	1.4	2.1	4.1	4.1	4.6
11:00	16	14	2.5	2.9	3.1	7.3	8.2	8.0
12:00	18	11	4.2	4.8	5.7	12.1	11.0	12.1
13:00	11	7	3.1	4.3	6.3	14.0	10.1	19.0
14:00	16	15	1.2	1.4	1.0	3.7	3.2	5.3
15:00	12	10	2.0	2.1	2.8	4.6	5.0	6.0
16:00	12	9	3.3	3.8	4.3	8.0	8.0	8.5
17:00	11	9	3.7	5.1	5.9	8.5	9.6	10.8
18:00	11	10	3.2	4.3	5.1	8.7	9.4	12.6
19:00	11	11	2.7	3.8	4.5	7.8	8.7	9.2
20:00	11	7	1.3	3.7	4.5	4.1	8.9	9.4
21:00	11	4	1.0	3.9	7.7	4.4	7.1	12.1
22:00	14	5	1.8	4.2	8.6	6.0	9.6	19.7
23:00	17	8	1.4	3.3	5.2	5.5	10.1	14.2
Avg	10	7	1.6	2.5	4.0	5.3	6.1	9.2
Max	23	15	4.2	5.1	8.6	14.0	11.0	19.7
Hr. of Max	10	14	12	17	22	13	12	22
Min	1	1	.2	.4	1.0	1.6	1.1	4.4
Count	24	24	24	24	24	24	24	24
Total								