Current Time: 8:12 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/29/2014

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	-12.3	-11.7	-11.9	.6	.4	-13.9	1.0	88.1	1.7
01:00	-13.0	-12.2	-12.0	.8	1.0	-14.8	1.0	86.9	1.6
02:00	-14.1	-13.2	-12.7	.9	1.4	-15.7	1.0	87.8	1.5
03:00	-15.1	-14.2	-13.1	.9	2.0	-16.6	1.0	88.1	1.4
04:00	-16.2	-15.2	-13.5	1.0	2.7	-17.8	1.0	87.5	1.3
05:00	-17.0	-15.8	-14.4	1.1	2.6	-18.7	1.0	86.8	1.2
06:00	-18.0	-16.9	-15.0	1.1	3.0	-19.9	1.0	85.4	1.1
07:00	-18.7	-17.4	-15.3	1.2	3.5	-20.6	1.0	84.8	1.0
08:00	-17.9	-16.7	-14.4	1.2	3.5	-19.8	1.0	85.5	1.1
09:00	-13.4	-13.2	-13.4	.2	.0	-17.3	1.0	74.1	1.3
10:00	-10.7	-11.1	-11.5	-.4	-.8	-21.9	1.0	39.7	.9
11:00	-9.4	-9.8	-10.2	-.5	-.8	-22.1	1.0	35.1	.9
12:00	-8.2	-8.6	-8.9	-.5	-.7	-21.7	1.0	33.2	.9
13:00	-6.9	-7.4	-7.8	-.5	-.9	-20.6	1.0	33.1	1.0
14:00	-6.1	-6.5	-7.2	-.4	-1.1	-20.8	1.0	30.6	1.0
15:00	-5.1	-5.5	-6.1	-.5	-1.0	-20.1	1.0	30.0	1.0
16:00	-4.6	-5.0	-5.6	-.4	-1.0	-19.8	1.0	29.8	1.0
17:00	-4.6	-4.9	-5.6	-.3	-1.0	-18.6	1.0	32.8	1.1
18:00	-5.9	-5.5	-5.5	.4	.4	-17.9	1.0	38.6	1.2
19:00	-7.4	-6.6	-6.1	.8	1.3	-16.7	1.0	47.7	1.4
20:00	-9.0	-8.0	-7.2	1.0	1.8	-15.4	1.0	60.2	1.5
21:00	-10.1	-9.2	-7.8	.9	2.3	-15.2	1.0	66.5	1.5
22:00	-11.0	-10.1	-8.3	1.0	2.7	-14.7	1.0	74.5	1.6
23:00	-11.7	-10.7	-9.3	1.0	2.4	-15.3	1.0	75.0	1.5
Avg	-11.1	-10.6	-10.1	.4	1.0	-18.2	1.0	61.7	1.2
Max	-4.6	-4.9	-5.5	1.2	3.5	-13.9	1.0	88.1	1.7
Hr. of Max	17	17	18	08	08	00	23	03	00
Min	-18.7	-17.4	-15.3	-.5	-1.1	-22.1	1.0	29.8	.9
Count	24	24	24	24	24	24	24	24	24
Total									

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1/29/2014

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	0.001311	2.1	.00	29.30	-4.0	284	201	288	6
01:00	0.001221	1.9	.00	29.30	-4.0	315	314	295	16
02:00	0.001129	1.8	.00	29.31	-4.1	322	191	313	9
03:00	0.001045	1.7	.00	29.32	-4.3	359	55	3	13
04:00	0.000941	1.5	.00	29.32	-4.2	17	61	45	15
05:00	0.000875	1.4	.00	29.34	-4.5	7	42	61	8
06:00	0.000789	1.3	.00	29.35	-4.6	314	307	62	7
07:00	0.000739	1.2	.00	29.36	-2.1	339	286	60	11
08:00	0.000794	1.3	.00	29.38	25.1	236	54	52	6
09:00	0.000993	1.6	.00	29.39	191.3	97	69	53	20
10:00	0.000669	1.1	.00	29.39	300.8	73	66	54	27
11:00	0.000659	1.1	.00	29.39	617.3	105	108	88	13
12:00	0.000686	1.1	.00	29.38	678.3	91	89	81	20
13:00	0.000756	1.2	.00	29.35	671.3	111	111	90	30
14:00	0.000743	1.2	.00	29.34	577.0	43	68	89	28
15:00	0.000787	1.3	.00	29.34	378.5	90	90	71	22
16:00	0.000812	1.3	.00	29.34	259.8	128	138	135	22
17:00	0.000892	1.4	.00	29.34	61.9	144	138	106	17
18:00	0.000949	1.5	.00	29.33	-1.7	357	35	62	8
19:00	0.001045	1.7	.00	29.34	-2.8	11	48	41	8
20:00	0.001163	1.9	.00	29.34	-3.1	29	53	77	6
21:00	0.001177	1.9	.00	29.34	-3.3	16	64	73	7
22:00	0.001225	2.0	.00	29.33	-3.4	35	62	47	8
23:00	0.001171	1.9	.00	29.33	-3.5	31	57	65	12
Avg	0.00094	1.5	.00	29.34	154.7	31	70	59	14
Max	0.001311	2.1	.00	29.39	678.3	359	314	313	30
Hr. of Max	00	00	23	11	12	03	01	02	13
Min	0.000659	1.1	.00	29.30	-4.6	7	35	3	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	10	23	.9	.9	.9	2.1	3.0	5.0
01:00	14	6	.7	1.1	3.5	2.5	2.1	8.0
02:00	11	9	.8	1.2	2.9	2.1	1.8	13.5
03:00	17	20	.2	.2	2.3	2.1	2.7	6.2
04:00	5	3	.2	.2	3.4	1.4	1.0	6.9
05:00	10	3	.2	.2	4.3	1.4	1.0	9.4
06:00	5	3	.3	.6	3.7	1.6	1.5	9.8
07:00	6	5	.4	.8	6.3	2.3	2.0	13.5
08:00	17	4	1.0	1.5	6.3	2.3	3.9	15.8
09:00	16	7	2.9	3.6	6.7	10.5	11.4	13.1
10:00	20	13	3.7	4.5	5.1	13.1	13.5	11.9
11:00	12	11	4.6	4.7	4.4	14.7	14.2	11.7
12:00	18	12	4.1	4.3	4.3	11.2	10.5	15.1
13:00	25	22	3.2	3.1	2.8	8.2	8.5	7.1
14:00	27	29	2.6	2.3	2.2	7.6	8.7	8.0
15:00	26	24	2.8	2.5	2.6	7.3	8.7	9.8
16:00	19	21	3.3	3.4	3.9	9.2	12.1	13.3
17:00	16	13	1.5	1.5	2.0	5.3	5.3	6.0
18:00	12	6	1.0	1.2	3.1	4.4	6.0	6.4
19:00	5	2	1.1	1.4	3.4	4.8	3.0	8.9
20:00	4	3	.8	1.2	4.5	2.7	3.9	9.2
21:00	4	2	.4	.8	3.0	1.6	2.7	11.2
22:00	5	1	.6	1.0	5.0	1.8	2.7	6.6
23:00	5	3	.5	.7	3.5	1.8	2.7	6.9
Avg	13	10	1.6	1.8	3.8	5.1	5.5	9.7
Max	27	29	4.6	4.7	6.7	14.7	14.2	15.8
Hr. of Max	14	14	11	11	09	11	11	08
Min	4	1	.2	.2	.9	1.4	1.0	5.0
Count	24	24	24	24	24	24	24	24
Total								