Current Time: 6:41 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

3/4/2014

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	-4.1	-4.4	-5.2	-.3	-1.1	-7.4	5.2	78.2	2.8
01:00	-4.2	-4.5	-5.3	-.3	-1.1	-7.4	5.0	78.8	2.8
02:00	-4.3	-4.6	-5.3	-.3	-1.0	-7.4	4.8	79.1	2.8
03:00	-4.2	-4.5	-5.2	-.3	-1.0	-7.1	4.6	80.0	2.9
04:00	-3.9	-4.2	-4.9	-.3	-1.0	-7.0	4.4	79.5	2.9
05:00	-3.7	-4.0	-4.8	-.3	-1.0	-6.6	4.3	81.0	3.0
06:00	-3.6	-3.9	-4.6	-.3	-1.0	-6.2	4.2	83.0	3.1
07:00	-3.4	-3.7	-4.2	-.3	-.8	-6.0	4.1	82.8	3.1
08:00	-2.9	-3.2	-3.7	-.3	-.8	-5.6	4.0	82.3	3.2
09:00	-2.2	-2.6	-3.0	-.4	-.8	-5.3	4.0	79.7	3.3
10:00	-1.1	-1.5	-1.9	-.4	-.8	-4.7	4.1	77.0	3.4
11:00	.1	-.4	-.7	-.4	-.8	-3.9	4.3	75.2	3.6
12:00	1.2	.8	.4	-.4	-.8	-3.5	4.7	71.4	3.7
13:00	2.4	1.9	1.7	-.5	-.7	P	5.2 P	67.8 P	3.8 P
14:00	3.3	2.9	2.6	-.4	-.7	-2.5	5.7	66.4	4.0
15:00	4.1	3.8	3.4	-.4	-.7	-1.7	6.2	66.4	4.2
16:00	4.4	4.1	3.6	-.3	-.8	-1.1	6.6	67.9	4.4
17:00	4.6	4.4	3.9	-.3	-.7	-.7	6.7	68.7	4.5
18:00	4.2	4.2	3.7	.0	-.5	-.3	6.8	73.5	4.7
19:00	2.9	3.4	3.6	.5	.7	-.2	6.6	80.6	4.7
20:00	2.3	2.6	2.8	.3	.5	-.1	6.4	84.8	4.8
21:00	1.8	2.0	2.2	.3	.4	-.1	6.2	87.7	4.8
22:00	1.0	1.6	1.7	.6	.7	-.3	5.9	91.7	4.7
23:00	.3	1.1	1.3	.8	1.0	-.4	5.6	95.8	4.7
Avg	-.2	-.4	-.7	-.2	-.5	-3.7	5.2	78.3	3.7
Max	4.6	4.4	3.9	.8	1.0	-.1	6.8	95.8	4.8
Hr. of Max	17	17	17	23	23	21	18	23	21
Min	-4.3	-4.6	-5.3	-.5	-1.1	-7.4	4.0	66.4	2.8
Count	24	24	24	24	24	23	24	24	24
Total									

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Interval: 001h

	14_Mix Ratio	15_Vapor Pr	16_Precip_mm	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	None	KPa	MM	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	0.002211	3.5	.0	.00	29.23	-2.8	62	46	45
01:00	0.002213	3.5	.0	.00	29.23	-3.0	63	49	42
02:00	0.00221	3.5	.0	.00	29.22	-2.9	68	62	55
03:00	0.002256	3.6	.0	.00	29.21	-3.3	49	45	40
04:00	0.002283	3.6	.0	.00	29.22	-3.1	56	46	45
05:00	0.002355	3.7	.0	.00	29.22	-2.8	59	57	51
06:00	0.002434	3.9	.0	.00	29.22	-2.7	48	48	51
07:00	0.00247	3.9	.0	.00	29.23	13.0	56	52	48
08:00	0.002548	4.0	.0	.00	29.25	70.0	62	55	49
09:00	0.002604	4.1	.0	.00	29.25	193.2	69	57	51
10:00	0.002717	4.3	.0	.00	29.25	284.7	77	68	54
11:00	0.002898	4.6	.0	.00	29.24	381.6	96	86	61
12:00	0.002988	4.7	.0	.00	29.23	365.8	85	74	50
13:00	0.003094 P	4.9 P	.0 P	.00 P	29.20 P	422.7 P	140 P	134 P	101 P
14:00	0.003236	5.1	.0	.00	29.19	336.7	95	98	69
15:00	0.003431	5.4	.0	.00	29.17	288.3	97	93	79
16:00	0.003586	5.7	.0	.00	29.17	181.5	101	100	80
17:00	0.003679	5.8	.0	.00	29.19	73.3	198	193	170
18:00	0.003804	6.0	.0	.00	29.19	6.0	343	63	104
19:00	0.003828	6.0	.0	.00	29.19	-2.3	355	57	71
20:00	0.003841	6.1	.0	.00	29.19	-2.4	19	66	66
21:00	0.003831	6.0	.0	.00	29.18	-2.5	38	52	52
22:00	0.003781	6.0	.0	.00	29.18	-2.6	8	58	56
23:00	0.003752	5.9	.0	.00	29.18	-1.4	3	47	56
Avg	0.003002	4.7	.0	.00	29.21	107.7	60	67	62
Max	0.003841	6.1	.0	.00	29.25	422.7	355	193	170
Hr. of Max	20	20	23	23	10	13	19	17	17
Min	0.00221	3.5	.0	.00	29.17	-3.3	3	45	40
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	37	19	8	3.5	8.0	12.6	10.8	18.5	20.8
01:00	31	20	11	3.1	5.5	8.9	11.7	14.4	22.2
02:00	24	18	9	4.8	6.2	8.5	17.2	16.5	18.1
03:00	31	20	8	2.3	4.6	8.0	9.4	11.2	14.0
04:00	31	18	9	2.1	3.9	6.5	8.2	11.4	13.3
05:00	24	18	9	2.7	4.0	5.6	10.8	13.5	17.6
06:00	32	15	7	2.3	5.3	7.5	7.8	11.0	11.4
07:00	29	15	7	2.6	4.2	6.0	9.6	12.6	17.2
08:00	26	16	8	2.8	4.0	4.7	9.2	9.4	9.8
09:00	23	16	9	3.2	3.8	4.2	9.2	8.7	9.6
10:00	22	19	14	3.6	3.9	3.9	9.6	9.4	11.9
11:00	25	25	17	3.7	3.6	3.8	16.7	9.6	10.8
12:00	24	20	17	3.1	3.0	3.2	15.3	8.0	8.9
13:00	21 P	25 P	22 P	2.7	2.8	2.9	<	7.5	<
14:00	28	23	22	2.8	2.5	2.4	8.7	7.3	8.2
15:00	15	15	15	3.8	3.9	3.4	9.4	8.5	8.2
16:00	18	14	14	2.7	2.8	2.6	7.3	7.1	7.1
17:00	14	11	11	1.5	1.5	1.6	6.0	4.4	3.9
18:00	13	13	9	1.2	1.4	1.6	3.4	4.1	4.4
19:00	7	7	5	1.0	1.3	2.5	2.3	3.0	5.0
20:00	6	5	4	1.2	1.4	3.3	2.5	4.1	6.4
21:00	7	6	3	1.0	2.4	6.3	2.5	6.6	9.4
22:00	5	4	4	1.0	2.3	4.0	2.1	5.3	14.4
23:00	10	4	4	.5	1.5	4.1	1.4	5.3	8.2
Avg	21	15	10	2.5	3.5	4.9	8.3	9.1	11.3
Max	37	25	22	4.8	8.0	12.6	17.2	18.5	22.2
Hr. of Max	00	13	14	02	00	00	02	00	01
Min	5	4	3	.5	1.3	1.6	1.4	3.0	3.9
Count	24	24	24	24	24	24	23	24	23
Total									