Current Time: 9:30 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/17/2014

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	2.6	3.4	3.8	.8	1.2	.3	4.8	85.5	4.9
01:00	3.0	3.2	3.3	.2	.3	-.2	4.5	80.1	4.7
02:00	2.5	2.7	2.6	.1	.1	-.4	4.2	81.2	4.7
03:00	1.8	2.1	2.1	.3	.3	-.6	4.0	84.7	4.6
04:00	1.3	1.5	1.7	.2	.4	-.8	3.8	86.3	4.6
05:00	1.4	1.5	1.7	.1	.3	-.8	3.7	85.9	4.6
06:00	1.4	1.4	1.6	.0	.2	-1.0	3.5	84.8	4.5
07:00	1.6	1.6	1.6	.0	.0	-1.0	3.4	83.4	4.5
08:00	1.9	1.8	1.6	-.2	-.3	-1.0	3.4	81.6	4.5
09:00	2.7	2.4	1.9	-.3	-.9	-1.0	3.3	76.8	4.5
10:00	4.1	3.7	3.3	-.4	-.8	-1.1	3.4	69.6	4.4
11:00	6.3	5.8	5.4	-.4	-.9	-1.5	3.6	58.3	4.3
12:00	9.3	8.9	8.3	-.3	-1.0	-1.5	4.1	47.5	4.2
13:00	12.6	12.2	11.4	-.4	-1.2	-.8	4.8	40.2	4.4
14:00	14.5	14.2	13.3	-.3	-1.2	-.4	5.4	36.4	4.5
15:00	15.4	15.3	13.9	-.1	-1.5	.4	5.9	36.5	4.8
16:00	16.2	16.0	15.4	-.1	-.8	.6	6.3	35.4	4.8
17:00	16.0	15.9	15.3	-.1	-.7	.3	6.4	35.0	4.8
18:00	15.1	15.1	15.0	.0	-.1	1.8	6.5	41.3	5.3
19:00	11.8	11.8	11.7	.0	-.1	7.2	6.5	76.9	7.9
20:00	9.7	9.6	9.5	-.1	-.2	9.1	6.5	97.4	8.9
21:00	10.0	10.0	9.7	.0	-.3	9.5	6.6	97.6	9.1
22:00	10.1	10.1	10.0	.0	-.1	9.6	6.5	97.7	9.1
23:00	9.4	9.5	9.6	.2	.2	8.8	6.5	97.6	8.7
Avg	7.5	7.5	7.2	.0	-.3	1.5	4.9	70.7	5.5
Max	16.2	16.0	15.4	.8	1.2	9.6	6.6	97.7	9.1
Hr. of Max	16	16	16	00	00	22	21	22	22
Min	1.3	1.4	1.6	-.4	-1.5	-1.5	3.3	35.0	4.2
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	0.003968	6.3	.0	.00	29.20	-2.2	40	59	64
01:00	0.003805	6.0	.0	.00	29.20	-1.7	54	58	57
02:00	0.003747	5.9	.0	.00	29.21	-2.4	57	56	45
03:00	0.003697	5.8	.0	.00	29.20	-1.6	39	58	52
04:00	0.003653	5.8	.0	.00	29.20	-2.8	58	67	47
05:00	0.003649	5.8	.0	.00	29.21	-1.9	44	64	49
06:00	0.003592	5.7	.0	.00	29.21	-2.2	45	56	57
07:00	0.003598	5.7	.0	.00	29.22	7.7	46	58	57
08:00	0.003598	5.7	.0	.00	29.23	62.4	54	59	62
09:00	0.003589	5.7	.0	.00	29.22	183.9	70	66	62
10:00	0.003582	5.7	.0	.00	29.21	377.1	87	82	63
11:00	0.00349	5.5	.0	.00	29.19	561.5	82	70	74
12:00	0.003501	5.5	.0	.00	29.16	610.9	75	93	120
13:00	0.003695	5.8	.0	.00	29.10	527.3	157	167	172
14:00	0.003818	6.0	.0	.00	29.05	377.1	156	172	176
15:00	0.004063	6.4	.0	.00	29.02	109.1	224	225	215
16:00	0.004127	6.5	.0	.00	29.00	62.6	220	223	214
17:00	0.004051	6.4	.0	.00	29.00	10.2	215	217	206
18:00	0.004488	7.0	.1	.00	29.01	-1.2	215	216	206
19:00	0.006597	10.3	2.3	.08	29.04	-1.8	231	230	219
20:00	0.007413	11.6	4.1	.15	29.06	-2.0	253	250	235
21:00	0.007581	11.9	.0	.00	29.09	-1.9	240	240	225
22:00	0.00762	11.9	.0	.00	29.12	-1.7	251	253	244
23:00	0.007257	11.4	.1	.00	29.15	-2.0	252	263	275
Avg	0.004507	7.1	.3	.00	29.14	119.4	94	107	111
Max	0.00762	11.9	4.1	.15	29.23	610.9	253	263	275
Hr. of Max	22	22	20	20	08	12	20	23	23
Min	0.00349	5.5	.0	.00	29.00	-2.8	39	56	45
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	12	10	6	1.3	3.9	7.1	4.4	8.7	14.7
01:00	22	13	5	2.1	5.1	8.0	8.0	11.0	15.3
02:00	21	13	5	1.7	4.3	10.0	7.1	16.7	20.6
03:00	18	10	4	1.5	4.3	7.4	5.7	9.8	18.8
04:00	23	14	3	1.7	4.1	11.3	6.2	13.5	22.9
05:00	17	11	2	1.7	3.7	8.7	4.8	7.8	20.6
06:00	26	15	4	2.2	5.2	8.1	6.9	11.9	16.3
07:00	27	16	6	2.1	4.8	7.9	6.9	11.0	16.3
08:00	29	19	9	2.1	4.1	6.2	8.9	10.1	12.1
09:00	24	18	10	3.8	4.4	4.6	10.1	11.9	17.4
10:00	14	13	10	5.6	5.7	4.7	20.4	13.1	15.8
11:00	27	33	23	2.6	2.4	2.2	7.3	7.6	5.5
12:00	21	30	36	2.9	2.5	2.2	6.9	7.1	8.0
13:00	24	19	16	5.1	5.9	7.5	13.5	16.3	18.3
14:00	30	26	20	4.2	4.9	6.5	15.1	12.8	16.3
15:00	19	17	10	4.2	5.6	9.4	13.5	14.0	17.9
16:00	18	16	9	6.7	9.3	15.2	19.9	23.1	29.1
17:00	18	15	9	7.2	9.5	15.8	18.1	25.9	42.6
18:00	22	17	10	7.1	10.3	16.1	23.1	26.6	32.7
19:00	20	14	8	7.4	11.4	19.0	26.3	33.7	35.5
20:00	20	15	7	5.4	8.0	14.8	16.3	24.0	32.5
21:00	16	12	7	4.0	6.8	13.0	14.4	20.2	33.2
22:00	14	10	5	4.0	6.8	13.1	11.9	14.0	22.9
23:00	16	14	9	4.4	7.0	12.7	11.4	16.3	22.4
Avg	21	16	10	3.8	5.8	9.6	12.0	15.3	21.2
Max	30	33	36	7.4	11.4	19.0	26.3	33.7	42.6
Hr. of Max	14	11	12	19	19	19	19	19	17
Min	12	10	2	1.3	2.4	2.2	4.4	7.1	5.5
Count	24	24	24	24	24	24	24	24	24
Total									