Current Time: 7:24 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/19/2014

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	9.5	10.3	11.7	.8	2.2	.1	7.0	52.6	4.7
01:00	9.2	10.4	11.7	1.1	2.5	1.7	6.9	60.0	5.3
02:00	9.6	11.6	11.8	2.0	2.6	3.3	6.9	65.3	6.0
03:00	13.1	14.1	13.9	1.0	.8	11.4	6.8	90.8	10.4
04:00	15.1	15.1	15.0	.0	-.1	14.5	6.9	97.4	12.4
05:00	15.3	15.3	15.2	-.1	-.1	14.7	7.1	97.5	12.6
06:00	14.8	14.8	14.7	.0	-.1	14.2	7.3	97.8	12.2
07:00	14.4	14.3	14.2	-.1	-.2	13.8	7.6	97.9	11.9
08:00	14.4	14.5	14.4	.1	.0	13.8	7.8	97.9	11.9
09:00	15.8	15.8	15.6	.0	-.2	14.7	7.9	94.4	12.5
10:00	18.1	18.0	17.6	-.1	-.5	13.5	8.3	76.2	11.6
11:00	19.3	19.2	18.8	-.2	-.5	10.2	8.9	56.7	9.3
12:00	20.3	20.0	19.4	-.3	-.9	8.6	9.4	47.8	8.3
13:00	20.9	20.6	20.0	-.2	-.9	7.6	10.1	43.1	7.8
14:00	20.8	20.5	20.0	-.2	-.8	7.7	10.5	43.7	7.8
15:00	20.9	20.7	20.0	-.2	-.9	7.5	10.9	42.7	7.7
16:00	20.8	20.6	20.1	-.2	-.7	7.5	11.3	43.0	7.7
17:00	20.3	20.2	19.8	-.1	-.5	8.0	11.4	45.7	8.0
18:00	19.0	19.1	18.6	.1	-.4	8.5	11.4	51.4	8.3
19:00	16.9	18.0	18.3	1.1	1.4	8.3	11.2	57.8	8.2
20:00	14.7	15.8	17.2	1.1	2.5	8.8	10.9	68.4	8.5
21:00	13.2	14.4	16.1	1.1	2.9	9.3	10.6	78.2	8.9
22:00	12.6	13.7	15.0	1.0	2.4	9.3	10.3	80.8	8.9
23:00	12.1	13.5	15.2	1.3	3.1	9.4	10.1	84.4	9.0
Avg	15.9	16.3	16.4	.4	.6	9.4	9.1	69.6	9.2
Max	20.9	20.7	20.1	2.0	3.1	14.7	11.4	97.9	12.6
Hr. of Max	15	15	16	02	23	09	18	08	05
Min	9.2	10.3	11.7	-.3	-.9	.1	6.8	42.7	4.7
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	0.003946	6.2	.1	.00	29.01	-1.8	280	206	258
01:00	0.004438	7.0	.0	.00	29.00	-1.8	350	99	241
02:00	0.004965	7.8	.0	.00	28.98	-2.0	104	218	222
03:00	0.008846	13.7	.2	.00	28.95	-2.4	218	223	208
04:00	0.010667	16.5	.1	.00	28.93	-1.8	231	230	219
05:00	0.010792	16.7	.8	.03	28.93	-1.8	233	232	221
06:00	0.010453	16.2	4.1	.16	28.96	-1.5	256	251	238
07:00	0.010169	15.8	.5	.01	28.97	3.8	239	244	245
08:00	0.010175	15.8	.0	.00	28.99	83.6	237	224	228
09:00	0.01077	16.7	.0	.00	29.01	337.8	237	228	215
10:00	0.010024	15.6	.0	.00	29.03	394.2	235	239	240
11:00	0.008048	12.6	.0	.00	29.04	478.5	248	247	244
12:00	0.007209	11.3	.0	.00	29.04	532.7	236	239	236
13:00	0.006739	10.5	.0	.00	29.03	546.0	247	252	251
14:00	0.006797	10.6	.0	.00	29.02	453.8	270	275	280
15:00	0.006696	10.5	.0	.00	29.02	305.8	270	272	272
16:00	0.0067	10.5	.0	.00	29.02	193.9	276	282	279
17:00	0.006907	10.8	.0	.00	29.04	61.3	295	302	303
18:00	0.007168	11.2	.0	.00	29.06	1.9	336	338	329
19:00	0.007033	11.0	.0	.00	29.07	-1.4	301	284	300
20:00	0.007256	11.4	.0	.00	29.07	-1.6	50	42	194
21:00	0.007527	11.8	.0	.00	29.08	-1.8	74	51	163
22:00	0.007486	11.7	.0	.00	29.08	-2.4	2	49	98
23:00	0.007555	11.8	.0	.00	29.06	-1.8	54	61	164
Avg	0.007849	12.2	.2	.00	29.02	140.5	268	254	239
Max	0.010792	16.7	4.1	.16	29.08	546.0	350	338	329
Hr. of Max	05	09	06	06	22	13	01	18	18
Min	0.003946	6.2	.0	.00	28.93	-2.4	2	42	98
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	18	19	4	.7	1.1	8.2	3.0	3.0	18.5
01:00	14	16	4	1.0	1.5	7.8	3.2	4.5	16.5
02:00	21	8	5	.8	3.0	12.7	2.7	7.8	24.7
03:00	18	12	6	4.3	8.3	16.5	16.7	20.6	29.1
04:00	19	14	7	6.1	9.2	16.5	20.2	21.8	37.6
05:00	19	16	9	7.1	10.1	17.3	19.0	22.4	36.2
06:00	19	14	8	4.7	7.4	14.7	15.3	17.6	38.7
07:00	18	14	8	4.7	7.4	14.3	11.9	17.4	24.0
08:00	14	10	6	2.3	4.5	9.9	8.5	14.0	36.2
09:00	12	17	8	2.6	3.5	7.3	8.9	10.3	14.4
10:00	18	16	11	5.9	7.4	10.5	16.5	18.8	21.5
11:00	20	18	12	8.3	10.9	14.9	24.5	26.3	26.6
12:00	21	17	11	9.0	11.6	15.5	22.0	31.4	30.5
13:00	20	17	11	9.1	11.5	15.4	24.3	27.7	40.1
14:00	20	20	12	7.0	8.8	11.6	25.0	23.4	24.5
15:00	24	19	13	5.3	6.7	9.1	16.3	16.5	21.1
16:00	23	16	10	4.8	5.9	8.2	16.9	16.5	23.1
17:00	18	19	12	2.6	3.6	6.2	8.5	15.8	13.5
18:00	17	18	8	1.8	3.3	6.8	5.3	7.8	10.3
19:00	11	15	8	1.1	1.2	5.1	6.9	7.8	14.7
20:00	9	13	5	.6	1.1	3.5	2.1	2.7	7.8
21:00	12	8	7	.5	1.2	4.1	2.1	3.7	10.1
22:00	15	12	7	.8	1.1	4.0	3.0	4.4	7.1
23:00	13	6	11	.4	1.8	3.3	1.6	3.4	6.4
Avg	17	15	8	3.8	5.5	10.1	11.9	14.4	22.2
Max	24	20	13	9.1	11.6	17.3	25.0	31.4	40.1
Hr. of Max	15	14	15	13	12	05	14	12	13
Min	9	6	4	.4	1.1	3.3	1.6	2.7	6.4
Count	24	24	24	24	24	24	24	24	24
Total									