Current Time: 7:07 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

8/19/2013

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	20.7	20.9	20.8	.2	.1	20.0	24.1	98.2	17.3
01:00	20.7	20.8	20.6	.1	-.1	20.0	23.9	98.2	17.3
02:00	20.6	20.8	20.6	.2	.0	19.9	23.7	98.1	17.2
03:00	20.1	20.4	20.4	.3	.3	19.4	23.5	98.1	16.7
04:00	19.9	20.2	20.2	.3	.3	19.2	23.4	98.2	16.5
05:00	19.9	20.0	20.0	.1	.1	19.2	23.3	98.2	16.5
06:00	19.8	20.0	19.9	.1	.1	19.2	23.1	98.2	16.5
07:00	19.9	20.0	19.9	.1	.0	19.2	23.0	98.2	16.5
08:00	20.4	20.3	20.0	-.2	-.4	19.7	22.9	98.1	17.0
09:00	21.3	21.0	20.5	-.3	-.8	20.0	23.0	94.6	17.2
10:00	21.9	21.6	21.1	-.3	-.8	19.3	23.2	87.6	16.5
11:00	22.7	22.6	21.7	-.2	-1.0	18.2	23.5	77.1	15.3
12:00	23.3	23.2	22.2	-.1	-1.1	18.2	23.9	75.2	15.4
13:00	23.6	23.3	22.3	-.2	-1.3	18.5	24.5	74.9	15.6
14:00	24.0	23.8	22.7	-.3	-1.3	18.4	25.1	72.3	15.5
15:00	23.4	23.2	22.3	-.2	-1.1	18.8	25.4	77.6	16.0
16:00	24.6	24.5	23.3	-.1	-1.3	18.2	25.8	69.0	15.3
17:00	25.2	24.8	24.1	-.3	-1.1	18.5	26.3	68.2	15.5
18:00	25.4	25.0	24.1	-.4	-1.3	18.0	26.6	65.1	15.1
19:00	24.5	24.7	24.0	.2	.5	19.3	26.6	74.5	16.3
20:00	22.7	23.5	23.7	.8	1.0	21.1	26.4	93.5	18.4
21:00	21.5	22.3	22.2	.7	.7	20.8	26.1	97.8	18.1
22:00	21.4	21.8	22.0	.4	.6	20.6	25.6	97.8	17.9
23:00	21.2	21.6	21.7	.4	.5	20.4	25.2	97.9	17.7
Avg	22.0	22.1	21.7	.1	-.3	19.3	24.5	87.8	16.6
Max	25.4	25.0	24.1	.8	1.0	21.1	26.6	98.2	18.4
Hr. of Max	18	18	18	20	20	20	19	07	20
Min	19.8	20.0	19.9	-.4	-1.3	18.0	22.9	65.1	15.1
Count	24	24	24	24	24	24	24	24	24
Total									

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	15_Vapor Pr	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m	29_Sigma_10m	30_Sigma_30m
Hour	KPa	INCHES	INHG	W/M2	DEG	DEG	DEG	DEG	DEG
00:00	23.4	.00	29.19	-1.4	357	52	86	10	6
01:00	23.5	.00	29.19	-1.6	44	80	107	13	7
02:00	23.3	.00	29.18	-1.2	285	171	154	10	16
03:00	22.6	.00	29.17	-1.2	331	45	149	8	11
04:00	22.4	.00	29.17	-2.1	330	12	150	9	11
05:00	22.3	.00	29.16	-1.4	10	50	105	14	11
06:00	22.3	.00	29.17	-1.2	331	9	52	8	21
07:00	22.3	.00	29.18	13.5	348	36	51	9	19
08:00	23.1	.00	29.18	101.4	48	63	67	13	13
09:00	23.4	.00	29.18	172.4	58	52	44	25	18
10:00	22.5	.00	29.19	207.1	327	354	352	21	27
11:00	20.9	.00	29.20	359.7	189	169	175	20	20
12:00	21.1	.00	29.20	454.3	237	238	233	17	19
13:00	21.4	.00	29.19	441.9	199	197	195	16	21
14:00	21.2	.00	29.18	406.0	191	195	192	15	14
15:00	21.8	.00	29.17	469.0	230	231	226	16	13
16:00	21.0	.00	29.15	554.9	221	222	205	20	20
17:00	21.4	.00	29.14	418.0	179	179	175	19	20
18:00	20.8	.00	29.13	323.3	178	137	107	17	21
19:00	22.4	.00	29.13	102.5	308	351	233	9	24
20:00	25.1	.00	29.13	2.8	316	354	117	6	13
21:00	24.6	.00	29.14	-1.2	351	45	52	8	9
22:00	24.3	.00	29.15	-1.4	347	48	50	5	8
23:00	24.1	.00	29.15	-1.3	343	50	75	7	6
Avg	22.6	.00	29.17	167.2	316	60	123	13	15
Max	25.1	.00	29.20	554.9	357	354	352	25	27
Hr. of Max	20	23	12	16	00	20	10	09	10
Min	20.8	.00	29.13	-2.1	10	9	44	5	6
Count	24	24	24	24	24	24	24	24	24
Total									

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	31_Sigma_100m	35_WSpd_10m	36_WSpd_30m	37_WSpd_100m	44_PkWd_10m	45_PkWd_30m	46_PkWd_100m	50_SVP
Hour	DEG	MPH	MPH	MPH	MPH	MPH	MPH	None
00:00	6	.8	1.2	2.2	2.3	2.7	5.5	24.4
01:00	7	.7	1.6	3.7	2.1	6.4	9.2	24.5
02:00	12	.6	1.4	3.9	2.5	3.9	11.7	24.3
03:00	12	.4	.7	3.1	3.2	3.2	6.6	23.5
04:00	12	.6	.9	2.2	3.2	2.7	6.0	23.3
05:00	7	.5	1.1	2.2	2.3	3.2	6.0	23.2
06:00	4	.7	1.5	1.5	3.4	4.1	3.4	23.2
07:00	4	.6	1.6	2.5	2.5	5.3	5.7	23.3
08:00	7	1.4	1.7	2.3	4.1	4.4	4.8	24.1
09:00	8	1.8	2.9	4.0	6.0	6.6	6.6	25.3
10:00	18	1.0	1.4	1.9	4.6	5.7	6.4	26.3
11:00	22	1.6	1.8	1.9	6.4	6.0	5.0	27.7
12:00	14	2.7	3.1	3.5	6.9	7.6	7.3	28.6
13:00	14	2.5	2.7	2.9	6.6	5.7	6.4	29.2
14:00	10	3.1	3.8	4.1	8.7	9.8	7.8	30.0
15:00	9	3.9	4.7	5.3	8.7	9.6	10.1	28.8
16:00	17	3.0	3.0	3.4	6.9	6.9	10.1	31.1
17:00	18	2.6	3.0	3.4	8.5	7.3	6.9	32.1
18:00	23	2.1	2.4	2.1	7.3	6.4	8.5	32.6
19:00	26	1.0	.8	.6	4.8	3.4	4.4	30.9
20:00	9	1.1	1.3	1.9	3.0	3.2	6.2	27.6
21:00	2	1.0	1.0	1.0	3.2	3.0	3.4	25.8
22:00	3	.7	1.2	3.1	2.1	2.7	5.3	25.5
23:00	3	.6	.8	3.1	2.7	3.2	4.8	25.2
Avg	11	1.5	1.9	2.7	4.7	5.1	6.6	26.7
Max	26	3.9	4.7	5.3	8.7	9.8	11.7	32.6
Hr. of Max	19	15	15	15	15	14	02	18
Min	2	.4	.7	.6	2.1	2.7	3.4	23.2
Count	24	24	24	24	24	24	24	24
Total								