Current Time: 7:12 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/12/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHm gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	17.5	17.4	17.7	.0	.2	16.8	11.1	98.0	14.3
01:00	17.7	17.7	17.6	.0	-.1	17.1	11.1	98.2	14.5
02:00	18.1	18.1	17.7	.0	-.4	17.5	11.2	98.4	14.9
03:00	18.1	18.1	17.8	.0	-.3	17.5	11.3	98.4	14.9
04:00	18.0	18.0	17.8	.0	-.2	17.5	11.3	98.4	14.9
05:00	18.1	18.0	17.8	.0	-.3	17.5	11.4	98.5	14.9
06:00	18.0	18.0	17.7	.0	-.3	17.4	11.4	98.4	14.8
07:00	18.0	18.0	17.7 D	.0	-.3 D	17.4	11.5	98.0	14.8
08:00	18.2	18.1	18.0	.0	-.2	17.5	11.5	97.7	14.9
09:00	18.3	18.3	18.0	.0	-.3	17.6	11.6	97.5	15.0
10:00	18.9	18.8	18.3	-.1	-.6	17.8	11.7	95.5	15.2
11:00	19.3	19.2	18.4	-.1	-.9	17.7	11.8	92.5	15.0
12:00	19.3	19.1	18.9	-.2	-.4	17.9	12.0	93.8	15.3
13:00	20.2	20.1	19.6	-.1	-.6	17.6	12.3	86.8	14.9
14:00	20.3	20.2	19.9	-.1	-.4	17.4	12.5	85.1	14.7
15:00	20.9	20.7	19.9	-.2	-1.0	16.9	12.7	79.4	14.2
16:00	20.8	20.6	20.1	-.1	-.7	16.5	12.9	78.2	13.9
17:00	20.1	20.2	20.3	.1	.1	16.5	13.0	81.5	14.0
18:00	19.3	19.8	19.6	.4	.3	16.3	13.0	84.5	13.8
19:00	18.7	19.4	19.5	.8	.9	15.7	12.9	84.5	13.3
20:00	19.2	19.4	19.0	.2	-.2	15.3	12.7	79.7	12.9
21:00	19.1	19.1	18.7	.1	-.4	14.7	12.6	77.5	12.5
22:00	18.9	19.1	18.7	.2	-.2	14.6	12.5	77.5	12.4
23:00	18.8	19.0	18.7	.2	-.1	14.6	12.3	77.9	12.3
Avg	18.9	18.9	18.6	.0	-.3	16.8	12.0	89.8	14.3
Max	20.9	20.7	20.3	.8	.9	17.9	13.0	98.5	15.3
Hr. of Max	15	15	17	19	19	12	18	05	12
Min	17.5	17.4	17.6	-.2	-1.0	14.6	11.1	77.5	12.3
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	19.2	.01	29.12	-1.6	231	235	219	14
01:00	.0	19.5	.00	29.11	-1.2	227	221	208	16
02:00	.0	20.1	.00	29.12	-2.0	225	225	214	17
03:00	.0	20.0	.00	29.12	-1.1	234	230	214	15
04:00	.0	20.0	.01	29.12	-1.0	230	226	211	16
05:00	.0	20.0	.00	29.10	-1.1	222	219	206	17
06:00	.0	19.9	.00	29.11	-1.4	229	222	210	17
07:00	.0	19.9	.00	29.13	-.9	226	224	212	16
08:00	.0	20.0	.00	29.15	22.2	242	242	222	14
09:00	.0	20.2	.00	29.16	45.0	207	209	201	9
10:00	.0	20.4	.00	29.16	101.2	225	225	208	12
11:00	.0	20.3	.00	29.14	104.4	226	225	216	15
12:00	.0	20.6	.00	29.12	174.6	237	236	220	14
13:00	.0	20.2	.00	29.10	97.5	231	231	216	14
14:00	.0	19.9	.00	29.10	111.8	233	233	224	18
15:00	.0	19.3	.00	29.09	182.9	210	215	208	19
16:00	.0	18.9	.00	29.08	116.3	212	212	203	17
17:00	.0	18.9	.00	29.08	15.5	240	224	211	12
18:00	.0	18.6	.00	29.07	-1.6	234	220	211	9
19:00	.0	17.9	.00	29.07	-1.6	241	218	200	12
20:00	.0	17.4	.00	29.06	-2.0	221	205	184	16
21:00	.0	16.8	.00	29.05	-1.6	235	215	186	16
22:00	.0	16.7	.00	29.05	-1.9	232	222	197	14
23:00	.0	16.6	.00	29.05	-1.6	223	208	188	13
Avg	.0	19.2	.00	29.10	39.6	228	223	208	15
Max	.0	20.6	.01	29.16	182.9	242	242	224	19
Hr. of Max	23	12	04	10	15	08	08	14	15
Min	.0	16.6	.00	29.05	-2.0	207	205	184	9
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	12	6	2.8	4.9	10.7	7.1	10.8	22.0
01:00	14	8	3.0	5.2	11.6	8.0	12.6	22.9
02:00	13	7	5.1	8.0	15.0	14.4	17.2	28.2
03:00	11	6	3.3	5.5	11.8	18.5	13.7	31.1
04:00	13	7	2.9	5.3	11.5	9.2	11.0	20.4
05:00	13	7	3.3	5.3	11.1	9.4	12.4	22.7
06:00	13	8	3.3	5.5	11.1	9.4	11.9	18.3
07:00	13	7	4.5	7.1	12.9	10.5	16.3	29.1
08:00	12	6	3.1	4.8	9.0	10.5	15.3	27.0
09:00	9	6	1.6	3.2	7.5	5.7	8.2	13.3
10:00	12	8	2.8	4.0	7.8	8.0	10.1	17.4
11:00	15	8	4.4	5.7	9.4	11.7	14.0	18.1
12:00	15	10	2.6	3.2	5.8	6.4	6.9	16.9
13:00	13	8	3.8	4.9	7.8	8.0	9.6	13.7
14:00	14	8	6.2	8.7	13.6	16.5	17.6	23.6
15:00	16	9	5.7	7.4	10.9	14.7	19.2	24.7
16:00	17	10	5.3	6.9	11.5	16.5	18.1	29.8
17:00	10	6	2.1	4.0	9.0	8.0	10.1	23.8
18:00	10	5	1.7	3.4	9.9	4.8	8.2	19.0
19:00	10	7	1.4	3.9	10.2	5.3	7.8	20.2
20:00	14	7	3.1	4.9	11.8	8.7	10.1	23.4
21:00	16	9	3.2	5.0	11.3	7.3	11.7	24.0
22:00	12	8	4.1	6.4	11.9	12.1	13.3	27.7
23:00	12	7	3.2	5.4	11.5	7.8	12.4	25.9
Avg	13	7	3.4	5.4	10.6	9.9	12.4	22.6
Max	17	10	6.2	8.7	15.0	18.5	19.2	31.1
Hr. of Max	16	16	14	14	02	03	15	03
Min	9	5	1.4	3.2	5.8	4.8	6.9	13.3
Count	24	24	24	24	24	24	24	24
Total								