Current Time: 8:44 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/17/2013

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	.7	4.3	4.7	3.6	4.0	.2	4.3	97.0	4.9
01:00	.4	3.5	4.2	3.1	3.8	-.1	4.1	97.1	4.8
02:00	-.9	2.5	3.3	3.4	4.1	-1.4	3.9	97.1	4.4
03:00	-.6	2.0	2.8	2.6	3.4	-1.1	3.7	97.1	4.5
04:00	-.7	1.6	2.3	2.3	3.0	-1.2	3.6	97.1	4.5
05:00	-.9	1.4	1.7	2.3	2.6	-1.4	3.5	97.1	4.4
06:00	-.9	1.1	1.5	1.9	2.4	-1.3	3.4	97.1	4.4
07:00	-.8	1.2	1.5	2.1	2.3	-1.3	3.3	97.1	4.4
08:00	.3	2.2	2.0	1.8	1.7	-.1	3.2	97.2	4.8
09:00	3.8	4.2	3.7	.4	-.1	1.9	3.2	88.7	5.5
10:00	6.1	5.9	5.6	-.1	-.5	.7	3.3	69.3	5.0
11:00	8.9	8.7	7.6	-.2	-1.3	.6	3.8	56.7	4.9
12:00	10.4	10.1	8.9	-.3	-1.5	.3	4.2	50.1	4.8
13:00	11.5	11.2	10.0	-.3	-1.5	.7	4.5	47.8	4.9
14:00	12.6	12.2	11.2	-.3	-1.4	.6	5.0	44.5	4.9
15:00	13.3	13.0	11.9	-.3	-1.4	.8	5.7	43.2	5.0
16:00	13.5	13.4	12.6	-.2	-.9	.7	6.1	42.1	4.9
17:00	12.5	12.4	11.7	-.1	-.8	.8	6.2	45.4	5.0
18:00	10.8	10.6	10.1	-.2	-.7	-.5	6.2	46.3	4.5
19:00	8.8	8.6	8.3	-.1	-.5	-1.7	6.1	48.3	4.2
20:00	7.4	7.2	6.9	-.1	-.5	-2.4	5.9	50.5	4.0
21:00	5.8	5.7	5.2	-.1	-.6	-4.6	5.7	47.6	3.4
22:00	4.6	4.5	4.2	-.1	-.4	-4.8	5.4	51.1	3.4
23:00	3.2	3.6	3.4	.4	.2	-4.4	5.1	57.7	3.5
Avg	5.4	6.3	6.1	.9	.6	-.8	4.6	69.3	4.5
Max	13.5	13.4	12.6	3.6	4.1	1.9	6.2	97.2	5.5
Hr. of Max	16	16	16	00	02	09	18	08	09
Min	-.9	1.1	1.5	-.3	-1.5	-4.8	3.2	42.1	3.4
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	0.003923	6.2	.00	29.18	-2.9	251	250	223	5
01:00	0.003853	6.1	.00	29.18	-3.0	242	246	240	14
02:00	0.003501	5.5	.00	29.18	-2.8	256	245	227	6
03:00	0.003561	5.6	.00	29.18	-3.5	318	235	231	5
04:00	0.003555	5.6	.00	29.18	-3.0	330	221	246	5
05:00	0.003486	5.5	.00	29.17	-3.3	308	223	253	7
06:00	0.003509	5.5	.00	29.17	-3.3	304	220	256	3
07:00	0.003512	5.5	.00	29.17	.3	1	268	253	15
08:00	0.003832	6.0	.00	29.17	68.4	240	259	267	12
09:00	0.004455	7.0	.00	29.18	254.3	231	254	266	23
10:00	0.004096	6.5	.00	29.18	391.7	219	229	236	16
11:00	0.00407	6.4	.00	29.16	493.1	219	227	228	19
12:00	0.003983	6.3	.00	29.12	536.0	220	226	224	20
13:00	0.004106	6.5	.00	29.09	508.7	219	223	222	18
14:00	0.004104	6.5	.00	29.06	416.1	228	232	224	19
15:00	0.00417	6.6	.00	29.05	228.4	230	230	224	18
16:00	0.004125	6.5	.00	29.06	85.9	255	257	256	20
17:00	0.004162	6.5	.00	29.09	1.0	270	275	276	20
18:00	0.003781	6.0	.00	29.13	-1.9	279	287	292	26
19:00	0.003439	5.4	.00	29.16	-2.1	277	283	291	27
20:00	0.003266	5.2	.00	29.19	-2.2	277	286	293	22
21:00	0.00277	4.4	.00	29.22	-2.4	273	282	290	22
22:00	0.002723	4.3	.00	29.24	-2.5	270	277	289	23
23:00	0.002789	4.4	.00	29.25	-2.3	247	236	266	19
Avg	0.003699	5.8	.00	29.16	122.9	261	249	253	16
Max	0.004455	7.0	.00	29.25	536.0	330	287	293	27
Hr. of Max	09	09	23	23	12	04	18	20	19
Min	0.002723	4.3	.00	29.05	-3.5	1	220	222	3
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	6	2	1.7	3.8	10.2	3.7	6.2	15.3
01:00	11	3	1.3	1.6	7.8	3.7	4.4	15.8
02:00	2	3	1.9	3.8	9.7	5.5	6.9	19.0
03:00	2	2	.5	2.7	9.0	2.5	6.0	21.3
04:00	6	3	.2	2.3	9.0	1.4	6.6	17.9
05:00	4	2	.5	3.5	9.3	2.1	6.9	16.7
06:00	4	3	.3	3.2	9.6	1.4	6.4	20.6
07:00	16	4	.3	1.9	8.5	1.8	7.3	21.3
08:00	15	6	.3	1.9	8.2	1.8	6.0	12.6
09:00	16	11	2.8	4.4	7.8	9.8	11.2	20.6
10:00	14	10	5.2	6.0	8.7	12.1	13.3	19.2
11:00	17	11	6.5	7.8	10.2	20.2	17.9	19.0
12:00	18	11	6.9	8.3	11.6	14.9	15.6	26.8
13:00	16	9	8.4	10.7	14.6	19.5	20.4	27.5
14:00	15	9	10.0	13.4	17.9	20.8	23.8	31.1
15:00	15	9	8.4	11.2	16.2	27.5	29.5	38.0
16:00	18	10	8.2	10.4	16.9	25.6	34.6	35.3
17:00	18	11	7.5	10.1	15.9	20.4	24.7	33.2
18:00	22	13	8.4	10.7	18.5	27.9	28.2	40.5
19:00	24	17	5.9	7.6	12.2	20.6	23.4	28.2
20:00	20	14	5.3	6.7	11.8	19.9	18.8	23.8
21:00	19	12	6.2	8.2	13.2	15.1	22.0	26.6
22:00	25	13	4.7	6.3	12.5	17.6	28.6	28.2
23:00	13	15	2.2	3.4	6.1	11.0	14.4	21.5
Avg	14	8	4.3	6.2	11.5	12.8	16.0	24.2
Max	25	17	10.0	13.4	18.5	27.9	34.6	40.5
Hr. of Max	22	19	14	14	18	18	16	18
Min	2	2	.2	1.6	6.1	1.4	4.4	12.6
Count	24	24	24	24	24	24	24	24
Total								