Current Time: 7:59 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/13/2013

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	-4.0	-2.3	-1.9	1.6	2.1	-6.1	3.2	85.3	3.1
01:00	-4.4	-2.7	-2.2	1.6	2.2	-6.2	3.1	87.4	3.1
02:00	-4.5	-3.4	-2.7	1.2	1.8	-6.1	3.1	88.9	3.1
03:00	-4.8	-4.0	-3.0	.8	1.8	-6.7	3.0	87.2	3.0
04:00	-5.2	-4.2	-3.3	1.0	1.9	-7.4	2.9	85.2	2.8
05:00	-5.5	-4.7	-4.2	.7	1.3	-7.3	2.8	87.1	2.9
06:00	-5.8	-4.9	-4.4	.9	1.4	-7.4	2.7	88.9	2.8
07:00	-5.6	-5.1	-4.4	.5	1.2	-7.1	2.7	89.8	2.9
08:00	-4.4	-4.2	-3.9	.2	.5	-6.8	2.6	83.5	3.0
09:00	-1.9	-2.2	-2.8	-.3	-.9	-6.1	2.5	73.2	3.1
10:00	.7	.3	-.3	-.4	-1.0	-7.5	2.5	54.5	2.8
11:00	3.0	2.5	1.7	-.5	-1.3	-7.6	2.5	46.2	2.7
12:00	5.4	5.0	3.9	-.5	-1.5	-8.1	2.7	37.4	2.6
13:00	6.4	6.0	5.0	-.4	-1.4	-8.0	3.0	35.3	2.6
14:00	7.2	6.9	6.1	-.4	-1.1	-8.4	3.5	32.4	2.5
15:00	7.9	7.6	7.1	-.3	-.8	-7.8	4.0	32.4	2.7
16:00	7.5	7.4	6.9	-.1	-.6	-6.5	4.4	36.9	2.9
17:00	6.4	6.5	6.4	.1	.0	-4.9	4.6	44.8	3.3
18:00	5.6	6.0	6.0	.4	.4	-4.7	4.6	47.9	3.4
19:00	5.0	5.3	5.6	.3	.6	-4.2	4.6	51.9	3.5
20:00	4.6	5.1	5.4	.5	.8	-3.5	4.6	56.3	3.7
21:00	5.0	5.2	5.2	.2	.3	-4.6	4.5	50.5	3.4
22:00	5.3	5.5	5.3	.1	.0	-5.2	4.5	47.0	3.2
23:00	5.1	5.3	5.4	.2	.3	-5.0	4.5	48.5	3.3
Avg	1.2	1.5	1.5	.3	.3	-6.4	3.5	61.6	3.0
Max	7.9	7.6	7.1	1.6	2.2	-3.5	4.6	89.8	3.7
Hr. of Max	15	15	15	01	01	20	20	07	20
Min	-5.8	-5.1	-4.4	-.5	-1.5	-8.4	2.5	32.4	2.5
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	0.002426	3.9	.00	29.40	-3.6	253	224	290	7
01:00	0.002409	3.8	.00	29.39	-3.7	247	252	255	4
02:00	0.002427	3.9	.00	29.38	-3.6	313	256	215	6
03:00	0.002324	3.7	.00	29.37	-3.5	309	227	194	14
04:00	0.002209	3.5	.00	29.36	-3.6	331	55	272	5
05:00	0.002216	3.5	.00	29.35	-3.7	349	68	327	4
06:00	0.002201	3.5	.00	29.35	-3.7	332	51	53	5
07:00	0.00226	3.6	.00	29.35	.4	35	61	73	6
08:00	0.002301	3.7	.00	29.35	92.5	79	66	67	22
09:00	0.002438	3.9	.00	29.35	346.8	111	80	67	16
10:00	0.002193	3.5	.00	29.36	405.6	59	52	18	25
11:00	0.002184	3.5	.00	29.34	545.0	105	118	94	21
12:00	0.00211	3.4	.00	29.31	530.7	140	153	157	22
13:00	0.002125	3.4	.00	29.29	378.5	141	147	162	23
14:00	0.002077	3.3	.00	29.26	306.2	118	105	106	17
15:00	0.00217	3.4	.00	29.25	189.7	175	164	144	16
16:00	0.002401	3.8	.00	29.25	37.4	202	187	174	10
17:00	0.002703	4.3	.00	29.23	.1	47	121	119	18
18:00	0.002747	4.4	.00	29.24	-2.4	331	63	71	9
19:00	0.002853	4.5	.00	29.24	-2.6	15	56	81	11
20:00	0.003002	4.8	.00	29.22	-2.7	18	55	61	21
21:00	0.002765	4.4	.00	29.20	-2.3	60	59	57	20
22:00	0.002637	4.2	.00	29.19	-2.8	59	56	46	22
23:00	0.002684	4.2	.00	29.18	-2.4	46	64	45	16
Avg	0.002411	3.8	.00	29.30	116.3	42	93	89	14
Max	0.003002	4.8	.00	29.40	545.0	349	256	327	25
Hr. of Max	20	20	23	00	11	05	02	05	10
Min	0.002077	3.3	.00	29.18	-3.7	15	51	18	4
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	5	5	2.0	3.8	7.6	4.8	6.6	16.0
01:00	5	3	1.9	2.2	6.3	4.4	8.0	11.4
02:00	3	3	.9	1.4	4.4	5.5	3.4	11.0
03:00	5	2	.6	1.0	3.8	2.1	1.6	5.5
04:00	10	2	.7	1.1	3.1	2.1	2.3	7.8
05:00	5	7	.5	.9	1.9	2.1	1.8	4.6
06:00	3	2	.7	.9	1.2	1.6	2.3	3.2
07:00	4	2	1.2	2.3	4.5	2.7	5.5	7.1
08:00	12	4	.9	2.0	3.6	3.9	9.6	8.7
09:00	17	11	2.1	2.3	2.9	6.4	6.0	9.4
10:00	22	21	2.6	2.6	2.7	11.9	6.2	6.6
11:00	23	31	2.7	2.6	2.6	6.0	6.6	9.8
12:00	24	24	3.0	2.6	2.5	7.6	6.9	7.3
13:00	24	24	1.8	1.4	1.6	8.9	7.3	5.3
14:00	23	24	1.8	1.3	1.4	12.8	12.4	6.2
15:00	20	17	1.8	1.5	1.9	5.5	5.3	7.3
16:00	10	7	1.4	1.8	2.5	4.4	5.0	5.7
17:00	14	5	1.2	1.7	4.5	5.5	6.6	10.1
18:00	11	7	1.3	1.4	2.7	3.2	5.0	7.8
19:00	9	4	1.0	1.4	5.0	2.3	3.7	8.0
20:00	13	4	1.0	2.9	6.2	4.8	7.6	11.0
21:00	12	4	2.0	4.7	7.2	7.1	9.8	16.0
22:00	14	6	2.0	4.2	8.7	6.4	9.8	15.8
23:00	9	4	1.4	3.1	8.0	3.4	7.8	17.9
Avg	12	9	1.5	2.1	4.0	5.2	6.1	9.1
Max	24	31	3.0	4.7	8.7	12.8	12.4	17.9
Hr. of Max	13	11	12	21	22	14	14	23
Min	3	2	.5	.9	1.2	1.6	1.6	3.2
Count	24	24	24	24	24	24	24	24
Total								