Date Printed: 12/19/2014 01:20

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

Daily Summary Report

Site: Tower "A" (7900 Area)

12/18/2014

Interval: 001h

	37_WetBulbC	01_TempC_010m	02_TempC_030m	03_TempF_010m	04_TempF_030m	05_VT Grad	06_DewPtC_010m	07_DewPtF_010m	08_RH_010m
Hour	DEGC	DEGC	DEGC	DEGC	DEGF	DEGC	DEGC	DEGF	PERCENT
00:00	-.7	-.1	1.7	31.9	35.0	1.8	-1.0	30.2	93.9
01:00	-1.2	-.8	.5	30.6	32.8	1.2	-1.4	29.5	96.1
02:00	-1.4	-1.0	.3	30.1	32.6	1.4	-1.5	29.3	97.1
03:00	-1.3	-.9	.2	30.3	32.3	1.1	-1.5	29.3	96.3
04:00	-.7	.4	.8	32.8	33.5	.4	-1.3	29.6	88.7
05:00	-.8	1.0	1.0	33.8	33.8	.0	-1.8	28.8	82.3
06:00	P	.8 P	1.0 P	33.5 P	33.7 P	.1 P	P	P	86.6 P
07:00	-.1	.7	.9	33.2	33.6	.2	-.5	31.1	92.5
08:00	.1	.8	.8	33.4	33.5	.0	-.2	31.7	93.7
09:00	-.4	1.7	1.5	35.1	34.8	-.2	-1.5	29.4	80.1
10:00	.0	3.4	3.1	38.1	37.5	-.3	-1.7	29.0	69.9
11:00	.5	4.1	3.8	39.4	38.8	-.3	-1.3	29.7	68.4
12:00	.6	5.1	4.8	41.3	40.7	-.3	-1.6	29.1	62.1
13:00	.9	5.9	5.6	42.6	42.1	-.3	-1.7	29.0	58.9
14:00	.9	6.4	6.1	43.6	43.0	-.3	-1.9	28.5	55.7
15:00	1.0	6.6	6.4	43.9	43.5	-.2	-1.9	28.7	55.2
16:00	1.4	6.7	6.6	44.1	43.9	-.1	-1.3	29.6	57.0
17:00	1.5	6.5	6.5	43.8	43.7	.0	-1.0	30.2	59.2
18:00	1.9	6.1	6.2	43.0	43.2	.1	-.3	31.5	64.0
19:00	1.3	5.8	5.8	42.4	42.5	.0	-.9	30.4	62.7
20:00	1.1	5.4	5.5	41.8	41.8	.0	-1.0	30.1	63.5
21:00	1.1	5.1	5.2	41.2	41.3	.0	-1.0	30.2	65.2
22:00	1.1	4.7	4.8	40.4	40.7	.1	-.7	30.7	68.5
23:00	1.0	4.2	4.4	39.6	39.9	.2	-.7	30.8	71.1
Avg	.3	3.3	3.5	37.9	38.3	.2	-1.2	29.8	74.5
Max	1.9	6.7	6.6	44.1	43.9	1.8	-.2	31.7	97.1
Hr. of Max	18	16	16	16	16	00	08	08	02
Min	-1.4	-1.0	.2	30.1	32.3	-.3	-1.9	28.5	55.2
Count	23	24	24	24	24	24	23	23	24
Total									

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Daily Summary Report

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Interval: 001h

	09_AbsHum_010m	10_MixRatio_010m	1_Sat Mix Ratio_010	12_VaporPr_010m	3_Sat Vapor_Pr_010	15_Precip_mm	16_Precip_In	17_BarPres_In	18_BarPres_Mb
Hour	G/M3	COUNT	COUNT	KPa	KPa	MM	INCHES	INHG	KPa
00:00	4.5	0.003581	0.003813	5.7	6.07	.0	.00	29.26	990.9
01:00	4.4	0.003484	0.003624	5.5	5.77	.0	.00	29.26	991.0
02:00	4.4	0.00345	0.003551	5.5	5.66	.0	.00	29.26	991.0
03:00	4.4	0.003452	0.003583	5.5	5.71	.0	.00	29.27	991.2
04:00	4.4	0.003503	0.003956	5.5	6.30	.0	.00	29.26	990.8
05:00	4.2	0.003392	0.004123	5.4	6.57	.0	.00	29.27	991.3
06:00	4.4 P	0.003526 P	0.004075 P	5.6 P	6.49 P	.0 P	.00 P	29.27 P	991.3 P
07:00	4.7	0.003717	0.004019	5.9	6.41	.0	.00	29.28	991.6
08:00	4.8	0.003804	0.004062	6.0	6.47	.1	.00	29.28	991.4
09:00	4.3	0.003472	0.004351	5.5	6.93	.0	.00	29.26	990.8
10:00	4.3	0.003428	0.0049	5.4	7.81	.0	.00	29.26	990.8
11:00	4.4	0.003522	0.005147	5.6	8.20	.0	.00	29.25	990.6
12:00	4.2	0.003444	0.005544	5.4	8.82	.0	.00	29.22	989.7
13:00	4.2	0.003438	0.005839	5.4	9.28	.0	.00	29.20	988.9
14:00	4.1	0.003375	0.006062	5.3	9.63	.0	.00	29.19	988.4
15:00	4.2	0.003393	0.006145	5.4	9.77	.0	.00	29.19	988.7
16:00	4.3	0.003527	0.006187	5.6	9.84	.0	.00	29.21	989.0
17:00	4.4	0.003617	0.006105	5.7	9.71	.0	.00	29.21	989.1
18:00	4.7	0.003801	0.005939	6.0	9.45	.0	.00	29.21	989.3
19:00	4.5	0.003635	0.005797	5.7	9.22	.0	.00	29.22	989.5
20:00	4.4	0.003594	0.00566	5.7	9.01	.0	.00	29.22	989.7
21:00	4.4	0.00361	0.005538	5.7	8.81	.0	.00	29.23	989.7
22:00	4.5	0.003678	0.005369	5.8	8.54	.0	.00	29.23	989.8
23:00	4.6	0.003687	0.00519	5.8	8.26	.0	.00	29.24	990.2
Avg	4.4	0.003547	0.004941	5.6	7.86	.0	.00	29.24	990.2
Max	4.8	0.003804	0.006187	6.0	9.84	.1	.00	29.28	991.6
Hr. of Max	08	08	16	18	16	08	23	08	07
Min	4.1	0.003375	0.003551	5.3	5.66	.0	.00	29.19	988.4
Count	24	24	24	24	24	24	24	24	24
Total									

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	21_WDir_010m	22_WDir_030m	23_VWDir_010m	24_VWDir_030m	25_Sigma_010m	26_Sigma_030m	27_RWSpd_010m	28_RWSpd_030m	29_WSpd_010m
Hour	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH	MPH
00:00	226	7	127	10	79.4	28.8	.2	1.2	.2
01:00	230	239	38	252	34.8	19.8	.1	.9	.6
02:00	306	196	325	127	45.6	48.2	.1	.1	.3
03:00	129	32	63	46	74.6	33.2	.2	1.0	.7
04:00	64	53	65	54	26.6	11.8	1.0	3.7	1.2
05:00	46	38	54	46	37.4	25.5	1.0	2.4	1.3
06:00	47 P	80 P	69 P	75 P	39.6 P	22.8 P	.4 P	1.4 P	.7 P
07:00	31	61	80	56	60.1	25.6	.2	1.3	.4
08:00	348	1	29	18	54.4	56.0	.1	.7	.4
09:00	64	58	65	59	30.4	20.7	2.1	3.5	2.4
10:00	85	74	78	63	49.1	39.6	1.9	2.5	2.3
11:00	151	142	137	135	57.7	46.0	.6	.7	1.3
12:00	181	203	176	192	50.6	44.3	1.5	1.7	2.1
13:00	241	241	233	246	45.9	34.9	1.0	1.4	1.5
14:00	202	212	201	215	26.7	24.1	2.6	3.0	2.9
15:00	235	238	227	236	32.0	19.7	1.9	2.6	2.2
16:00	213	218	210	223	38.8	22.6	1.2	1.6	1.4
17:00	66	98	71	97	25.5	21.0	1.1	1.8	1.3
18:00	279	128	209	126	34.5	39.2	.0	.6	.7
19:00	243	258	260	252	50.0	59.3	.3	.4	.7
20:00	252	241	251	240	28.0	18.5	.7	1.4	.7
21:00	262	250	256	249	20.4	9.4	.8	1.8	.8
22:00	258	254	259	261	31.1	12.4	.5	1.6	.6
23:00	270	282	270	287	25.8	17.4	.9	2.2	1.1
Avg	239	206	60	60	41.6	29.2	1.0	1.0	1.2
Max	348	282	325	287	79.4	59.3	2.6	3.7	2.9
Hr. of Max	08	23	02	23	00	19	14	04	14
Min	31	1	29	10	20.4	9.4	.0	.1	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	30_WSpd_030m	31_WSpdms_010m	32_WSpdms_030m	35_PkWsH_010m	36_PkWsH_030m
Hour	MPH	M/SEC	M/SEC	MPH	MPH
00:00	1.7	.1	.7	1.8	5.5
01:00	1.0	.3	.4	2.1	2.5
02:00	.1	.2	.1	2.1	1.8
03:00	1.1	.3	.5	3.0	5.3
04:00	3.8	.5	1.7	3.9	6.6
05:00	2.6	.6	1.2	5.0	7.6
06:00	1.6 P	.3 P	.7 P	<	<
07:00	1.4	.2	.6	2.1	2.7
08:00	1.1	.2	.5	3.0	4.4
09:00	3.7	1.1	1.6	8.0	9.6
10:00	3.0	1.0	1.3	6.6	8.5
11:00	1.5	.6	.7	4.6	5.3
12:00	2.2	.9	1.0	6.6	6.9
13:00	1.9	.7	.8	5.0	5.3
14:00	3.3	1.3	1.5	6.4	6.4
15:00	2.8	1.0	1.3	5.7	6.2
16:00	1.8	.6	.8	4.1	4.4
17:00	2.1	.6	.9	3.0	4.1
18:00	1.5	.3	.7	2.3	3.7
19:00	.9	.3	.4	2.5	2.5
20:00	1.5	.3	.7	2.7	4.1
21:00	1.8	.4	.8	2.3	3.2
22:00	1.8	.3	.8	2.3	4.4
23:00	2.4	.5	1.1	3.7	5.3
Avg	1.9	.5	.9	3.9	5.1
Max	3.8	1.3	1.7	8.0	9.6
Hr. of Max	04	14	04	09	09
Min	.1	.1	.1	1.8	1.8
Count	24	24	24	23	23
Total					