Date Printed: 01/09/2015 07:16

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

Daily Summary Report

Site: Tower "K" (1208)

1/7/2015

Interval: 001h

	01_TempC_010m	02_TempC_060m	03_TempF_010m	04_TempF_060m	05_VT_Grad	06_DewPtC_010m	07_DewPtF_010m	08_RH_010m	09_AbsHum_010m
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	-.5	-.9	31.1	30.4	-.4	-5.3	22.4	70.3	3.3
01:00	-1.0	-1.3	30.2	29.6	-.4	-5.7	21.8	70.9	3.2
02:00	-1.4	-1.8	29.4	28.7	-.4	-5.8	21.6	72.6	3.2
03:00	-1.7	-2.2	29.0	28.1	-.5	-6.0	21.2	72.8	3.1
04:00	-1.8	-2.3	28.8	27.8	-.5	-6.4	20.6	71.4	3.0
05:00	-1.9	-2.4	28.6	27.6	-.5	-6.6	20.1	70.6	3.0
06:00	-2.0	-2.6	28.3	27.4	-.5	-6.7	20.0	70.9	3.0
07:00	-2.1	-2.7	28.2	27.2	-.5	-7.6	18.4	66.6	2.8
08:00	-2.6	-3.2	27.4	26.2	-.6	-9.7	14.5	58.2	2.3
09:00	-2.8	-3.5	26.9	25.8	-.6	-10.0	14.0	58.1	2.3
10:00	-3.0	-3.8	26.5	25.2	-.7	-10.9	12.3	55.0	2.1
11:00	-3.1	-3.9	26.4	24.9	-.8	-13.1	8.5	46.6	1.8
12:00	-2.8	-3.8	26.9	25.2	-1.0	-14.4	6.0	40.7	1.6
13:00	-3.4	-4.4	25.8	24.0	-1.0	-13.4	7.9	46.5	1.8
14:00	-4.3	-5.3	24.3	22.5	-1.0	-14.0	6.8	48.2	1.7
15:00	-4.9	-5.8	23.2	21.6	-.9	-18.8	-1.8	33.4	1.1
16:00	-6.7	-7.5	20.0	18.6	-.8	-18.2	-.7	40.0	1.2
17:00	-8.1	-8.7	17.4	16.3	-.7	-19.3	-2.7	40.6	1.1
18:00	-9.2	-9.7	15.5	14.5	-.5	-19.1	-2.4	44.7	1.1
19:00	-9.6	-10.1	14.8	13.8	-.6	-18.9	-2.1	46.8	1.1
20:00	-10.1	-10.6	13.7	12.8	-.5	-20.0	-4.0	44.7	1.0
21:00	-10.7	-11.2	12.8	11.9	-.5	-20.2	-4.3	46.0	1.0
22:00	-11.1	-11.6	12.0	11.1	-.5	-18.8	-1.9	53.3	1.1
23:00	-11.6	-12.0	11.1	10.3	-.4	-17.4	.7	62.6	1.3
Avg	-4.9	-5.5	23.3	22.1	-.6	-12.8	9.0	55.5	2.0
Max	-.5	-.9	31.1	30.4	-.4	-5.3	22.4	72.8	3.3
Hr. of Max	00	00	00	00	23	00	00	03	00
Min	-11.6	-12.0	11.1	10.3	-1.0	-20.2	-4.3	33.4	1.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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Interval: 001h

	10_Mix_Ratio_010m	_Sat_Mix_Ratio_01(	12_Vapor Pr_010m	3_Sat Vapor Pr_010r	14_LHV_010m	15_Precip_mm	16_Precip_In	17_PrecipSum	18_Solar_Rad_Wm2
Hour	None	None	KPa	None	None	MM	INCHES	INCHES	W/M2
00:00	0.0026	0.0037	4.1	5.9	2492450.1	.0	.00	.00	-3.7
01:00	0.0025	0.0036	4.0	5.7	2493582.3	.0	.00	.00	-3.7
02:00	0.0025	0.0035	4.0	5.5	2494642.6	.0	.00	.00	-3.8
03:00	0.0025	0.0034	3.9	5.4	2495270.0	.0	.00	.00	-3.7
04:00	0.0024	0.0034	3.8	5.4	2495532.9	.0	.00	.00	-3.7
05:00	0.0024	0.0033	3.7	5.3	2495724.2	.0	.00	.00	-3.7
06:00	0.0023	0.0033	3.7	5.3	2496080.5	.0	.00	.00	-3.7
07:00	0.0022	0.0033	3.5	5.2	2496311.6	.0	.00	.00	-3.2
08:00	0.0018	0.0032	2.9	5.0	2497396.4	.0	.00	.00	25.4
09:00	0.0018	0.0031	2.9	5.0	2497970.3	.0	.00	.00	131.4
10:00	0.0017	0.0031	2.7	4.9	2498503.6	.0	.00	.00	161.2
11:00	0.0014	0.003	2.3	4.8	2498716.7	.0	.00	.00	251.2
12:00	0.0013	0.0031	2.0	5.0	2497952.4	.0	.00	.00	389.8
13:00	0.0014	0.003	2.2	4.7	2499401.6	.0	.00	.00	268.7
14:00	0.0013	0.0028	2.1	4.4	2501422.4	.0	.00	.00	363.5
15:00	0.0009	0.0027	1.4	4.3	2502824.9	.0	.00	.00	285.5
16:00	0.0009	0.0023	1.5	3.7	2507115.6	.0	.00	.00	116.0
17:00	0.0008	0.0021	1.3	3.3	2510465.1	.0	.00	.00	20.7
18:00	0.0008	0.0019	1.4	3.0	2513036.4	.0	.00	.00	-3.8
19:00	0.0009	0.0018	1.4	3.0	2513978.8	.0	.00	.00	-4.0
20:00	0.0008	0.0017	1.3	2.8	2515344.0	.0	.00	.00	-4.0
21:00	0.0008	0.0017	1.2	2.7	2516645.9	.0	.00	.00	-4.0
22:00	0.0009	0.0016	1.4	2.6	2517652.5	.0	.00	.00	-4.1
23:00	0.001	0.0015	1.6	2.5	2518887.6	.0	.00	.00	-4.1
Avg	0.0016	0.0028	2.5	4.4	2502787.9	.0	.00	.00	81.7
Max	0.0026	0.0037	4.1	5.9	2518887.6	.0	.00	.00	389.8
Hr. of Max	00	00	00	00	23	23	23	23	12
Min	0.0008	0.0015	1.2	2.5	2492450.1	.0	.00	.00	-4.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	19_Solar_Rad_Lang	20_BarPres_In	21_BarPres_Mb	22_WDir_010m	23_WDir_060m	24_VWDir_010m	25_VWDir_060m	26_Sigma_010m	27_Sigma_060m
Hour	Langleys	INHG	KPa	DEG	DEG	DEG	DEG	DEG	DEG
00:00	-.01	29.29	992.0	284	281	281	282	20	14
01:00	-.01	29.28	991.5	268	270	269	270	15	15
02:00	-.01	29.28	991.5	278	275	276	275	16	10
03:00	-.01	29.27	991.1	283	280	280	280	17	10
04:00	-.01	29.27	991.2	290	286	283	287	22	12
05:00	-.01	29.29	991.8	315	304	313	304	21	10
06:00	-.01	29.30	992.3	320	309	319	309	22	9
07:00	.00	29.32	992.9	316	304	312	304	19	9
08:00	.04	29.34	993.6	305	295	303	295	19	7
09:00	.19	29.36	994.1	308	296	305	296	19	9
10:00	.23	29.37	994.6	318	308	314	308	22	13
11:00	.36	29.37	994.6	328	317	327	318	23	14
12:00	.56	29.35	994.1	317	308	312	307	22	15
13:00	.39	29.36	994.2	320	309	318	309	21	10
14:00	.52	29.39	995.2	324	312	323	312	20	10
15:00	.41	29.43	996.6	341	328	340	329	22	16
16:00	.17	29.49	998.8	338	326	337	326	19	12
17:00	.03	29.55	1000.8	340	329	340	329	20	17
18:00	-.01	29.62	1003.1	357	357	357	356	20	28
19:00	-.01	29.67	1004.9	358	356	358	355	20	26
20:00	-.01	29.70	1005.8	351	350	351	349	22	24
21:00	-.01	29.71	1006.1	357	354	357	353	20	25
22:00	-.01	29.73	1006.7	22	24	25	21	28	20
23:00	-.01	29.74	1007.1	359	360	1	1	22	22
Avg	.12	29.44	996.9	323	316	0	0	20	15
Max	.56	29.74	1007.1	359	360	358	356	28	28
Hr. of Max	12	23	23	23	23	19	18	22	18
Min	-.01	29.27	991.1	22	24	1	1	15	7
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	28_RWSpd_010m	29_RWSpd_060m	30_WSpd_010m	31_WSpd_060m	32_WSpdms_010m	33_WSpdms_060m	36_PkWsH_010m	37_PkWsH_060m
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	6.5	10.0	6.9	10.3	3.1	4.6	15.1	19.5
01:00	6.2	8.0	6.4	8.2	2.9	3.7	12.8	14.4
02:00	6.2	9.7	6.5	9.8	2.9	4.4	13.1	16.9
03:00	6.1	10.0	6.4	10.1	2.8	4.6	15.6	17.6
04:00	5.9	11.5	6.5	12.0	2.9	5.4	15.6	22.4
05:00	4.4	13.5	4.7	13.6	2.1	6.1	15.3	23.8
06:00	4.1	13.9	4.5	14.0	2.0	6.3	16.9	26.3
07:00	3.8	11.8	4.1	12.0	1.8	5.4	12.6	18.8
08:00	5.7	15.7	6.0	15.8	2.7	7.1	17.4	23.8
09:00	5.6	14.9	6.0	15.0	2.7	6.7	17.2	24.3
10:00	5.5	16.6	6.1	17.3	2.7	7.7	22.0	27.7
11:00	5.5	17.3	6.1	18.0	2.7	8.1	19.7	32.1
12:00	6.2	17.5	6.8	18.2	3.1	8.2	24.0	29.1
13:00	7.1	21.4	7.7	21.8	3.4	9.8	24.0	33.9
14:00	7.1	22.8	7.6	23.3	3.4	10.4	24.3	34.6
15:00	6.1	20.8	6.6	21.7	3.0	9.7	24.7	35.0
16:00	5.6	19.1	6.0	19.7	2.7	8.8	16.5	31.8
17:00	4.7	16.1	5.1	17.1	2.3	7.7	20.6	30.5
18:00	4.9	15.0	5.3	16.9	2.4	7.6	16.0	28.6
19:00	4.9	15.3	5.3	16.9	2.4	7.6	17.2	30.0
20:00	3.5	11.0	3.8	12.0	1.7	5.4	15.1	22.4
21:00	3.8	11.7	4.0	12.8	1.8	5.7	12.8	21.8
22:00	2.0	6.8	2.5	7.6	1.1	3.4	8.9	16.3
23:00	2.0	6.7	2.2	7.4	1.0	3.3	8.5	13.5
Avg	9.1	9.1	5.5	14.6	2.5	6.6	16.9	24.8
Max	7.1	22.8	7.7	23.3	3.4	10.4	24.7	35.0
Hr. of Max	14	14	13	14	14	14	15	15
Min	2.0	6.7	2.2	7.4	1.0	3.3	8.5	13.5
Count	24	24	24	24	24	24	24	24
Total								