Date Printed: 07/16/2015 02:49

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

Daily Summary Report

Site: Tower "K" (1208)

7/15/2015

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	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	21.3	21.2	70.4	70.1	-.1	21.0	69.9	100.8	18.4
01:00	21.2	21.2	70.2	70.1	.0	21.0	69.7	101.0	18.3
02:00	21.2	21.1	70.2	70.0	-.1	21.0	69.7	101.1	18.3
03:00	21.5	21.5	70.7	70.7	.0	21.3	70.3	101.2	18.6
04:00	21.5	21.4	70.8	70.6	-.1	21.3	70.4	101.3	18.7
05:00	21.3	21.3	70.4	70.3	-.1	21.1	70.0	101.3	18.5
06:00	21.4	21.2	70.4	70.2	-.1	21.1	70.0	101.3	18.5
07:00	21.4	21.2	70.6	70.2	-.2	21.2	70.2	101.3	18.6
08:00	21.7	21.5	71.1	70.7	-.2	21.5	70.7	101.3	18.9
09:00	22.8	22.2	73.0	71.9	-.6	22.1	71.7	98.5	19.5
10:00	24.9	24.2	76.7	75.5	-.7	19.6	67.2	74.5	16.6
11:00	26.6	25.9	79.9	78.6	-.7	19.1	66.5	65.5	16.1
12:00	27.6	27.1	81.7	80.9	-.5	18.4	65.1	59.0	15.4
13:00	28.4	27.9	83.2	82.3	-.5	17.5	63.5	53.1	14.5
14:00	29.0	28.5	84.3	83.3	-.5	16.8	62.3	49.2	13.9
15:00	29.1	28.7	84.4	83.6	-.4	15.5	59.8	45.2	12.8
16:00	29.3	28.8	84.7	83.8	-.5	15.2	59.3	43.9	12.5
17:00	29.1	28.7	84.5	83.7	-.4	14.6	58.2	42.4	12.1
18:00	26.9	27.2	80.5	81.0	.3	18.5	65.3	62.3	15.6
19:00	26.8	26.5	80.2	79.6	-.3	18.1	64.6	60.7	15.2
20:00	25.1	25.4	77.3	77.7	.3	18.5	65.3	68.4	15.5
21:00	23.8	24.4	74.9	75.8	.5	19.4	66.9	78.3	16.5
22:00	22.5	23.1	72.4	73.7	.7	19.9	67.8	87.8	17.1
23:00	21.7	22.9	71.0	73.2	1.2	20.4	68.7	94.6	17.6
Avg	24.4	24.3	76.0	75.7	-.1	19.3	66.8	78.9	16.6
Max	29.3	28.8	84.7	83.8	1.2	22.1	71.7	101.3	19.5
Hr. of Max	16	16	16	16	23	09	09	08	09
Min	21.2	21.1	70.2	70.0	-.7	14.6	58.2	42.4	12.1
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 07/16/2015 02:49

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

Daily Summary Report

Site: Tower "K" (1208)

7/15/2015

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	0.0164	0.0162	25.0	25.4	2440640.2	16.3	.64	.64	-2.6
01:00	0.0163	0.0161	24.9	25.3	2440896.6	.3	.01	.01	-2.4
02:00	0.0163	0.0161	24.9	25.2	2440941.9	.0	.00	.00	-3.1
03:00	0.0166	0.0164	25.3	25.7	2440216.0	.0	.00	.00	-2.7
04:00	0.0167	0.0164	25.4	25.8	2440118.3	.0	.00	.00	-2.6
05:00	0.0164	0.0162	25.1	25.5	2440586.7	.0	.00	.00	-2.7
06:00	0.0164	0.0162	25.1	25.5	2440573.1	.0	.00	.00	-.4
07:00	0.0165	0.0163	25.3	25.6	2440403.2	.0	.00	.00	17.2
08:00	0.0168	0.0166	25.7	26.1	2439689.5	.0	.00	.00	66.8
09:00	0.0174	0.0177	26.6	27.8	2437131.7	.0	.00	.00	226.9
10:00	0.0149	0.0201	22.9	31.5	2432259.6	.0	.00	.00	605.0
11:00	0.0145	0.0222	22.3	34.9	2428122.7	.0	.00	.00	751.5
12:00	0.0139	0.0236	21.3	37.1	2425745.2	.0	.00	.00	715.4
13:00	0.0132	0.0248	20.2	38.9	2423738.5	.0	.00	.00	820.6 +
14:00	0.0126	0.0257	19.4	40.3	2422351.4	.0	.00	.00	744.0
15:00	0.0116	0.0258	17.8	40.4	2422216.9	.0	.00	.00	641.6
16:00	0.0114	0.026	17.5	40.9	2421761.3	.0	.00	.00	557.7
17:00	0.0109	0.0258	16.8	40.6	2422079.5	.0	.00	.00	421.6
18:00	0.014	0.0227	21.6	35.7	2427305.6	.0	.00	.00	128.9
19:00	0.0136	0.0225	21.0	35.3	2427652.9	.0	.00	.00	160.8
20:00	0.0139	0.0204	21.4	32.1	2431573.5	.0	.00	.00	19.6
21:00	0.0147	0.0188	22.6	29.6	2434721.7	.0	.00	.00	-2.1
22:00	0.0152	0.0173	23.3	27.3	2437930.4	.0	.00	.00	-2.6
23:00	0.0156	0.0165	24.0	26.0	2439781.3	.0	.00	.00	-2.7
Avg	0.0148	0.0199	22.7	31.2	2433268.2	.7	.03	.03	243.9
Max	0.0174	0.026	26.6	40.9	2440941.9	16.3	.64	.64	820.6
Hr. of Max	09	16	09	16	02	00	00	00	13
Min	0.0109	0.0161	16.8	25.2	2421761.3	.0	.00	.00	-3.1
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 07/16/2015 02:49

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

Daily Summary Report

Site: Tower "K" (1208)

7/15/2015

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	.00	28.80	975.3	78	64	85	34	49	28
01:00	.00	28.79	974.9	218	192	223	192	35	24
02:00	.00	28.79	974.8	240	238	239	238	15	7
03:00	.00	28.78	974.7	230	241	230	241	15	6
04:00	.00	28.79	974.9	220	233	219	233	16	8
05:00	.00	28.80	975.2	236	237	234	237	14	5
06:00	.00	28.81	975.7	203	220	205	220	26	9
07:00	.02	28.82	976.1	227	231	225	231	17	6
08:00	.10	28.84	976.5	251	253	252	253	18	7
09:00	.33	28.85	977.1	260	264	260	264	17	11
10:00	.87	28.85	977.1	267	270	266	270	19	13
11:00	1.08	28.86	977.3	284	293	279	293	26	16
12:00	1.03	28.85	977.1	299	321	286	22 O	47	40
13:00	1.18 +	28.84	976.8	360	349	2	47	62	32
14:00	1.07	28.84	976.6	331	27	333	99	64	17
15:00	.92	28.84	976.7	354	339	341	99	59	46
16:00	.80	28.85	976.9	352	22	346	83	62	18
17:00	.60	28.85	977.1	18	37	23	88	61	20
18:00	.18	28.86	977.3	70	51	72	106	39	10
19:00	.23	28.85	977.1	70	44	73	109	38	10
20:00	.03	28.86	977.4	61	43	59	87	54	9
21:00	.00	28.89	978.3	82	59	81	107	36	5
22:00	.00	28.93	979.6	343	59	330	120	42	12
23:00	.00	28.95	980.4	118	93	129	102	56	47
Avg	.35	28.84	976.7	294	326	0	0	37	17
Max	1.18	28.95	980.4	360	349	346	293	64	47
Hr. of Max	13	23	23	13	13	16	11	14	23
Min	.00	28.78	974.7	18	22	2	22	14	5
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 07/16/2015 02:49

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

Daily Summary Report

Site: Tower "K" (1208)

7/15/2015

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	2.7	5.7	3.3	7.1	1.5	3.2	8.9	16.5
01:00	1.6	5.1	2.0	5.8	.9	2.6	6.4	11.0
02:00	2.5	7.0	2.6	7.0	1.2	3.1	5.7	10.8
03:00	2.4	6.2	2.5	6.3	1.1	2.8	6.4	14.9
04:00	2.6	6.4	2.7	6.5	1.2	2.9	6.4	11.0
05:00	2.5	6.0	2.7	6.2	1.2	2.8	6.9	18.1
06:00	1.6	4.5	1.7	4.6	.8	2.0	4.6	11.9
07:00	2.0	4.8	2.1	4.8	.9	2.2	4.6	12.1
08:00	2.2	5.2	2.3	5.2	1.1	2.3	5.3	8.2
09:00	3.8	7.9	3.9	8.1	1.8	3.6	7.1	14.4
10:00	4.8	5.4	5.1	6.8	2.3	3.1	11.2	15.5
11:00	4.0	4.4	4.3	5.1	1.9	2.3	11.4	16.3
12:00	2.5	3.1	3.1	3.4	1.4	1.5	11.9	27.0
13:00	1.1	6.7	1.7	7.9	.8	3.6	8.9	17.6
14:00	.8	5.6	1.5	5.5	.7	2.5	6.9	11.7
15:00	.9	4.0	1.5	4.0	.7	1.8	7.6	11.0
16:00	.9	6.1	1.6	6.0	.7	2.7	8.7	14.2
17:00	.8	5.0	1.2	5.1	.5	2.3	7.1	12.1
18:00	1.2	6.1	1.4	6.1	.6	2.7	6.0	13.3
19:00	2.2	7.9	2.6	7.9	1.1	3.5	11.2	16.9
20:00	1.4	11.0	1.9	11.0	.9	5.0	6.9	19.2
21:00	2.0	6.3	2.2	6.3	1.0	2.8	8.2	15.1
22:00	.3	1.7	.9	1.7	.4	.8	2.7	4.6
23:00	.8	.5	1.2	.4	.5	.2	3.0	2.3
Avg	4.2	4.2	2.3	5.7	1.1	2.6	7.3	13.6
Max	4.8	11.0	5.1	11.0	2.3	5.0	11.9	27.0
Hr. of Max	10	20	10	20	10	20	12	12
Min	.3	.5	.9	.4	.4	.2	2.7	2.3
Count	24	24	24	24	24	24	24	24
Total								