Date Printed: 08/23/2014 09:15

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

Daily Summary Report

Site: Tower "K" (1208)

8/22/2014

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	23.6	24.3	74.6	75.7	.6	23.3	74.0	101.0	21.0
01:00	23.2	24.0	73.7	75.2	.8	22.9	73.2	101.1	20.4
02:00	22.7	23.7	72.9	74.7	1.0	22.4	72.4	101.2	19.9
03:00	22.2	23.3	71.9	73.9	1.1	21.9	71.5	101.2	19.4
04:00	21.9	23.1	71.5	73.6	1.1	21.7	71.1	101.2	19.1
05:00	21.8	22.5	71.2	72.5	.8	21.5	70.7	101.2	18.9
06:00	21.7	22.3	71.1	72.1	.6	21.5	70.7	101.3	18.9
07:00	22.0	22.3	71.6	72.1	.3	21.8	71.2	101.3	19.2
08:00	22.6	22.4 M	72.7	72.3 M	-.2 M	22.4	72.3	101.5	19.9
09:00	23.2	22.7	73.7	72.9	-.4	22.8	73.1	101.0	20.4
10:00	25.0	23.6	77.0	74.5	-1.4	20.6	69.1	79.0	17.7
11:00	28.3	27.1	83.0	80.8	-1.2	20.6	69.2	64.9	17.6
12:00	30.0	28.7	85.9	83.6	-1.3	20.4	68.7	58.3	17.3
13:00	30.6	29.7	87.2	85.4	-1.0	21.1	70.0	58.8	18.0
14:00	30.6	30.6 M	87.0	87.0 M	.0	17.5	63.5	47.3	14.8
15:00	32.5	30.9	90.5	87.7	-1.6	17.4	63.4	41.9	14.3
16:00	31.9	30.9	89.5	87.6	-1.0	19.0	66.2	48.1	15.8
17:00	32.6	31.1	90.6	88.1	-1.4	17.9	64.2	43.2	14.8
18:00	31.9	30.9	89.4	87.6	-1.0	19.5	67.1	49.6	16.3
19:00	30.9	30.1	87.6	86.2	-.8	21.1	70.0	58.2	18.0
20:00	28.4	28.7	83.1	83.6	.3	23.8	74.8	79.0	21.3
21:00	26.2	27.7	79.2	81.9	1.5	24.5	76.1	93.3	22.4
22:00	25.0	26.6	77.0	79.9	1.6	24.4	76.0	100.0	22.3
23:00	24.4	25.7	75.9	78.2	1.3	24.0	75.2	100.6	21.8
Avg	26.4	26.4	79.5	79.5	.0	21.4	70.6	80.6	18.7
Max	32.6	31.1	90.6	88.1	1.6	24.5	76.1	101.5	22.4
Hr. of Max	17	17	17	17	22	21	21	08	21
Min	21.7	22.3	71.1	72.1	-1.6	17.4	63.4	41.9	14.3
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	0.0187	0.0185	28.7	29.3	2435127.1	.0	.00	.00	-2.4
01:00	0.0182	0.018	27.9	28.4	2436286.5	.0	.00	.00	-2.6
02:00	0.0177	0.0175	27.2	27.7	2437342.8	.0	.00	.00	-2.7
03:00	0.0171	0.0169	26.4	26.8	2438614.5	.0	.00	.00	-2.5
04:00	0.0169	0.0167	26.0	26.4	2439161.9	.0	.00	.00	-2.7
05:00	0.0167	0.0165	25.7	26.1	2439614.7	.0	.00	.00	-3.1
06:00	0.0167	0.0165	25.7	26.0	2439734.0	.0	.00	.00	-2.2
07:00	0.017	0.0167	26.1	26.5	2439063.6	.0	.00	.00	29.8
08:00	0.0176	0.0174	27.2	27.5	2437553.1	.0	.00	.00	88.4
09:00	0.0181	0.018	27.9	28.4	2436298.4	.0 M	.00 M	.00	180.0
10:00	0.0158	0.0201	24.4	31.9	2431867.1	.0 M	.00 M	.00	532.9
11:00	0.0159	0.0245	24.5	38.7	2423963.1	.0 M	.00 M	.00	553.3
12:00	0.0156	0.0268	24.1	42.5	2420158.7	.0 M	.00 M	.00	786.0
13:00	0.0164	0.0279	25.3	44.2	2418519.3	.0 M	.00 M	.00	644.4
14:00	0.0134	0.0286	20.8	45.2	2418731.3	.0 M	.00 M	.00	786.2
15:00	0.013	0.0311	20.2	49.2	2414058.6	.0	.00	.00	790.5
16:00	0.0145	0.0301	22.3	47.5	2415489.2	.0	.00	.00	325.7
17:00	0.0135	0.0313	20.8	49.3	2413925.0	.0	.00	.00	459.2
18:00	0.0149	0.0301	22.9	47.4	2415574.4	.0	.00	.00	206.6
19:00	0.0165	0.0284	25.3	44.8	2417968.9	.0	.00	.00	83.6
20:00	0.0194	0.0246	29.6	38.8	2423867.2	.0	.00	.00	1.2
21:00	0.0202	0.0217	30.9	34.2	2428984.4	.0	.00	.00	-2.3
22:00	0.0201	0.0201	30.7	31.7	2431955.6	.0	.00	.00	-2.1
23:00	0.0195	0.0194	29.9	30.6	2433355.0	.0	.00	.00	-2.3
Avg	0.0168	0.0224	25.9	35.4	2428633.9	.0	.00	.00	226.8
Max	0.0202	0.0313	30.9	49.3	2439734.0	.0	.00	.00	790.5
Hr. of Max	21	17	21	17	06	23	23	23	15
Min	0.013	0.0165	20.2	26.0	2413925.0	.0	.00	.00	-3.1
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	.0	29.09	985.0	223	229	222	233	19	10
01:00	.0	29.08	984.7	191	227	162	228	35	8
02:00	.0	29.06	984.0	194	221	178	213	25	9
03:00	.0	29.05	983.7	328	219	312	219	46	9
04:00	.0	29.04	983.5	172	230	171	232	33	10
05:00	.0	29.05	983.7	144	224	96	217	50	37
06:00	.0	29.05	983.9	134	202	52	208	36	12
07:00	.0	29.07	984.4	167	211	185	221	51	13
08:00	.1	29.09	985.1	213	226 M	209	224 M	21	11 M
09:00	.3	29.09	985.1	229	230	231	230	24	25
10:00	.8	29.09	985.1	241	238	242	238	34	23
11:00	.8	29.08	984.7	236	239	240	239	31	22
12:00	1.1	29.06	984.1	240	236	243	236	32	33
13:00	.9	29.05	983.7	274	271	263	270	34	18
14:00	1.1	29.03	983.1	265	269 M	261	268 M	36	16 M
15:00	1.1	29.01	982.3	255 M	248	256 M	249	22 M	16
16:00	.5	28.99	981.7	240	238	242	239	25	16
17:00	.7	28.98	981.4	229	229	232	230	30	17
18:00	.3	28.97	981.1	228	225	230	225	20	10
19:00	.1	28.96	980.7	224	232	223	230	18	7
20:00	.0	28.97	981.2	229	248	232	245	20	8
21:00	.0	28.99	981.8	222	267	251	269	44	6
22:00	.0	29.01	982.3	264	275	238	276	47	10
23:00	.0	29.01	982.5	151	312	149	315	30	10
Avg	.3	29.04	983.3	221	239	0	0	32	15
Max	1.1	29.09	985.1	328	312	312	315	51	37
Hr. of Max	15	10	10	03	23	03	23	07	05
Min	.0	28.96	980.7	134	202	52	208	18	6
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	2.2	.7	2.2	.3	1.0	1.6	3.9
01:00	.2	3.2	.4	3.1	.2	1.4	1.1	4.6
02:00	.3	3.8	.4	3.7	.2	1.7	2.1	5.3
03:00	.3	2.4	.6	2.4	.2	1.1	2.1	3.9
04:00	.3	4.0	.4	3.9	.2	1.8	1.8	5.5
05:00	.1	2.1	.5	2.0	.2	.9	1.8	3.9
06:00	.1	2.8	.1	2.8	.0	1.3	1.6	4.4
07:00	.3	2.3	.5	2.3	.2	1.0	2.5	4.1
08:00	2.0	4.6 M	2.2	4.5 M	1.0	2.0 M	6.4	7.0
09:00	2.5	4.2	2.8	4.4	1.2	2.0	6.2	7.6
10:00	2.4	2.6	2.8	3.0	1.3	1.4	8.0	9.5
11:00	2.5	3.0	2.9	3.1	1.3	1.5	8.9	11.0
12:00	3.7	4.2	4.4	4.6	2.0	2.1	14.7	16.0
13:00	4.0	6.6	4.7	7.8	2.1	3.7	15.1	15.8
14:00	4.3	8.9 M	5.0	9.3 M	2.3	4.2 M	14.1	15.8
15:00	5.6 M	7.2	6.0 M	7.7	2.7 M	3.5	13.1	14.4
16:00	4.1	6.2	4.7	6.6	2.1	3.0	10.3	12.4
17:00	4.4	6.6	4.9	6.8	2.2	3.1	11.4	12.4
18:00	4.3	7.3	4.6	7.3	2.0	3.3	10.1	11.4
19:00	3.1	6.3	3.3	6.4	1.5	2.9	8.0	11.9
20:00	1.0	4.0	1.1	4.1	.5	1.9	4.8	7.1
21:00	.3	3.5	.4	3.5	.2	1.6	2.1	6.6
22:00	.2	3.0	.4	3.1	.2	1.4	1.8	4.6
23:00	.2	1.1	.8	1.2	.3	.5	2.1	3.0
Avg	2.0	2.0	2.3	4.4	1.0	2.0	6.3	8.4
Max	5.6	8.9	6.0	9.3	2.7	4.2	15.1	16.0
Hr. of Max	15	14	15	14	15	14	13	12
Min	.1	1.1	.1	1.2	.0	.5	1.1	3.0
Count	24	24	24	24	24	24	24	24
Total								