Date Printed: 07/21/2014 08:02

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

Daily Summary Report

Site: Tower "K" (1208)

7/20/2014

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	20.8	21.2	69.4	70.2	.4	20.5	68.9	100.6	17.8
01:00	20.6	20.9	69.0	69.6	.3	20.3	68.5	100.8	17.6
02:00	20.5	20.5	68.9	68.9	.0	20.2	68.4	100.9	17.5
03:00	20.5	20.5	68.8	68.9	.0	20.2	68.4	100.9	17.5
04:00	20.4	20.4	68.7	68.7	.0	20.1	68.2	100.9	17.4
05:00	20.1	20.2	68.2	68.4	.1	19.9	67.8	100.9	17.2
06:00	20.1	20.2	68.2	68.3	.1	19.9	67.8	101.0	17.2
07:00	20.2	20.2	68.3	68.3	.0	19.9	67.9	101.0	17.2
08:00	20.7	20.3	69.2	68.5	-.4	20.4	68.7	100.8	17.7
09:00	21.7	20.9	71.0	69.6	-.8	19.2	66.5	87.9	16.4
10:00	22.2	21.4	72.0	70.6	-.8	19.5	67.0	86.5	16.7
11:00	22.1	21.4	71.8	70.5	-.8	20.0	68.0	90.6	17.3
12:00	23.6	22.6	74.6	72.7	-1.0	18.1	64.5	72.8	15.2
13:00	25.0	23.7	77.0	74.7	-1.3	18.0	64.5	67.1	15.1
14:00	26.4	24.8	79.5	76.7	-1.5	17.7	63.9	60.5	14.8
15:00	27.6	25.8	81.7	78.4	-1.8	17.6	63.7	56.0	14.6
16:00	28.4	26.6	83.2	79.8	-1.9	16.9	62.4	50.9	13.9
17:00	28.6	27.0	83.4	80.6	-1.6	17.1	62.7	51.2	14.1
18:00	28.4	27.3	83.1	81.1	-1.1	17.1	62.7	51.8	14.1
19:00	27.6	26.9	81.7	80.5	-.7	19.7	67.4	63.9	16.6
20:00	26.4	26.4	79.5	79.5	.0	20.7	69.3	73.5	17.8
21:00	24.5	24.7	76.2	76.5	.2	21.9	71.5	87.9	19.2
22:00	23.2	23.5	73.8	74.3	.3	21.6	70.8	93.1	18.9
23:00	22.7	22.8	72.9	73.0	.0	21.5	70.8	95.5	18.9
Avg	23.4	22.9	74.2	73.3	-.5	19.5	67.1	83.2	16.7
Max	28.6	27.3	83.4	81.1	.4	21.9	71.5	101.0	19.2
Hr. of Max	17	18	17	18	00	21	21	07	21
Min	20.1	20.2	68.2	68.3	-1.9	16.9	62.4	50.9	13.9
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	0.0157	0.0156	24.2	24.6	2441888.8	.0	.00	.00	-2.6
01:00	0.0155	0.0154	23.8	24.3	2442474.1	.0	.00	.00	-2.5
02:00	0.0154	0.0153	23.8	24.2	2442625.3	.0	.00	.00	-2.5
03:00	0.0154	0.0153	23.7	24.1	2442698.1	.0	.00	.00	-2.3
04:00	0.0153	0.0152	23.6	24.0	2442895.1	3.6	.14	.14	-2.4
05:00	0.0151	0.0149	23.3	23.6	2443507.2	.0	.00	.14	-2.7
06:00	0.0151	0.0149	23.3	23.6	2443519.1	.0	.00	.14	-1.4
07:00	0.0151	0.015	23.3	23.7	2443404.3	.3	.01	.15	15.9
08:00	0.0156	0.0154	24.0	24.4	2442220.4	.0	.00	.15	89.1
09:00	0.0144	0.0164	22.3	26.0	2439795.7	.0	.00	.15	262.5
10:00	0.0147	0.017	22.7	26.9	2438449.5	.0	.00	.15	184.5
11:00	0.0152	0.0169	23.5	26.7	2438722.8	.0	.00	.15	316.2
12:00	0.0135	0.0185	20.9	29.3	2435130.3	.0	.00	.15	507.0
13:00	0.0135	0.0201	20.8	31.7	2431967.4	.0	.00	.15	625.2
14:00	0.0132	0.0218	20.4	34.5	2428610.7	.0	.00	.15	638.5
15:00	0.0131	0.0235	20.3	37.1	2425704.9	.0	.00	.15	769.5
16:00	0.0125	0.0247	19.4	38.9	2423726.8	.0	.00	.15	664.4
17:00	0.0127	0.0248	19.7	39.2	2423443.2	.0	.00	.15	465.7
18:00	0.0127	0.0246	19.7	38.8	2423868.8	.0	.00	.15	334.0
19:00	0.015	0.0235	23.1	37.0	2425744.3	.0	.00	.15	139.3
20:00	0.016	0.0219	24.6	34.5	2428604.5	.0	.00	.15	37.1
21:00	0.0172	0.0196	26.4	30.9	2433012.7	.0	.00	.15	-2.1
22:00	0.0168	0.0181	25.8	28.5	2436169.7	.0	.00	.15	-2.4
23:00	0.0168	0.0176	25.8	27.7	2437257.8	.0	.00	.15	-2.6
Avg	0.0148	0.0186	22.9	29.3	2435643.4	.2	.01	.12	209.4
Max	0.0172	0.0248	26.4	39.2	2443519.1	3.6	.14	.15	769.5
Hr. of Max	21	17	21	17	06	04	04	23	15
Min	0.0125	0.0149	19.4	23.6	2423443.2	.0	.00	.00	-2.7
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	29.01	982.3	69	59	68	62	49	7
01:00	.0	29.00	982.2	233	60	229	64	44	37
02:00	.0	29.00	982.0	106	185	105	137	50	20
03:00	.0	29.00	981.9	165	135	57	140	46	44
04:00	.0	29.00	982.0	127	153	120	152	53	12
05:00	.0	29.01	982.4	97	159	91	164	27	23
06:00	.0	29.02	982.9	193	214	134	215	43	16
07:00	.0	29.03	983.3	101	167	96	164	22	18
08:00	.1	29.05	983.7	134	179	115	178	48	31
09:00	.4	29.06	984.0	237	226	231	217	35	25
10:00	.3	29.06	984.1	203	202	203	204	22	17
11:00	.5	29.06	984.2	238	244	243	244	26	18
12:00	.7	29.05	983.8	258	242	251	238	30	35
13:00	.9	29.03	983.2	227	222	226	217	45	31
14:00	.9	29.02	982.6	232	213	234	216	47	50
15:00	1.1	29.00	982.1	202	199	214	204	40	28
16:00	1.0	28.99	981.7	208	204	210	204	38	26
17:00	.7	28.98	981.3	194	183	198	182	53	32
18:00	.5	28.97	981.2	256	250	257	251	24	18
19:00	.2	28.98	981.6	262	263	260	257	27	18
20:00	.1	29.00	982.1	108	87	100	125	43	32
21:00	.0	29.01	982.3	111	143	115	145	28	14
22:00	.0	29.01	982.6	76	125	78	122	31	16
23:00	.0	29.02	982.9	126	143	122	145	32	15
Avg	.3	29.02	982.6	177	184	0	0	38	24
Max	1.1	29.06	984.2	262	263	260	257	53	50
Hr. of Max	15	11	11	19	19	19	19	17	14
Min	.0	28.97	981.2	69	59	57	62	22	7
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	1.1	5.2	1.3	5.2	.6	2.3	8.7	10.1
01:00	.3	2.1	.5	2.4	.2	1.1	1.8	3.9
02:00	.3	.4	.7	1.1	.3	.5	2.5	3.9
03:00	.0	.3	.4	.4	.2	.2	2.1	2.5
04:00	.6	2.9	.8	3.0	.4	1.3	2.7	6.4
05:00	.7	1.4	.8	1.5	.4	.7	2.7	3.7
06:00	.2	1.8	.4	2.0	.2	.9	2.7	3.7
07:00	1.2	2.2	1.3	2.2	.6	1.0	3.0	4.6
08:00	.1	1.2	.5	1.3	.2	.6	3.2	4.4
09:00	1.0	1.3	1.2	1.5	.5	.7	4.4	4.6
10:00	2.5	3.9	2.7	4.2	1.2	1.9	6.6	8.0
11:00	2.5	3.4	2.7	3.5	1.2	1.6	8.7	9.6
12:00	1.7	2.1	2.2	2.5	1.0	1.1	5.3	6.4
13:00	1.5	2.0	2.1	2.9	.9	1.3	6.2	7.6
14:00	1.8	2.0	2.3	2.7	1.0	1.2	7.1	8.2
15:00	1.9	2.6	2.9	3.4	1.3	1.5	7.8	7.1
16:00	2.9	4.4	3.3	4.7	1.5	2.1	11.2	9.8
17:00	1.9	3.3	2.4	3.6	1.1	1.6	6.6	7.8
18:00	3.4	4.6	3.7	4.9	1.7	2.2	8.2	9.4
19:00	3.1	4.0	3.3	4.4	1.5	2.0	8.9	9.2
20:00	1.1	.9	1.3	2.3	.6	1.1	5.5	9.4
21:00	1.3	4.9	1.6	5.1	.7	2.3	4.6	9.8
22:00	1.5	4.1	1.8	4.2	.8	1.9	4.6	8.7
23:00	.5	2.2	.6	2.3	.3	1.0	3.9	6.2
Avg	1.5	1.5	1.7	2.9	.8	1.3	5.4	6.9
Max	3.4	5.2	3.7	5.2	1.7	2.3	11.2	10.1
Hr. of Max	18	00	18	00	18	21	16	00
Min	.0	.3	.4	.4	.2	.2	1.8	2.5
Count	24	24	24	24	24	24	24	24
Total								