Date Printed: 07/14/2015 01:14

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

Daily Summary Report

Site: Tower "K" (1208)

7/6/2015

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	20.4	20.3	68.8	68.6	-.1	20.2	68.4	101.1	17.5
01:00	20.2	20.2	68.4	68.4	.0	20.0	68.0	101.1	17.3
02:00	19.9	19.9	67.8	67.9	.0	19.7	67.4	101.2	17.0
03:00	19.8	19.8	67.7	67.6	-.1	19.7	67.4	101.2	17.0
04:00	19.9	19.8	67.8	67.6	-.1	19.7	67.5	101.3	17.0
05:00	19.9	19.8	67.8	67.7	-.1	19.7	67.5	101.3	17.1
06:00	19.9	19.8	67.8	67.6	-.1	19.7	67.5	101.3	17.0
07:00	20.2	19.9	68.3	67.9	-.2	20.0	68.0	101.4	17.3
08:00	20.6	20.2	69.0	68.3	-.4	20.4	68.7	101.4	17.7
09:00	21.1	20.5	70.0	68.8	-.6	20.4	68.7	98.0	17.7
10:00	22.4	21.0	72.3	69.8	-1.4	20.0	68.0	88.7	17.2
11:00	24.3	22.6	75.7	72.6	-1.7	18.9	66.0	74.0	16.0
12:00	26.0	24.5	78.8	76.0	-1.5	18.8	65.8	66.1	15.8
13:00	27.4	25.8	81.4	78.4	-1.6	19.0	66.1	61.6	15.9
14:00	28.6	26.8	83.6	80.3	-1.8	18.6	65.5	56.2	15.5
15:00	26.8	26.7	80.2	80.0	-.1	20.3	68.5	70.1	17.3
16:00	28.0	26.9	82.4	80.5	-1.1	19.0	66.2	60.2	16.0
17:00	29.3	27.6	84.7	81.7	-1.6	17.7	63.8	51.1	14.6
18:00	29.2	27.8	84.5	82.1	-1.3	18.0	64.4	52.5	14.9
19:00	28.3	27.3	82.9	81.2	-1.0	19.3	66.8	60.2	16.3
20:00	26.5	26.6	79.7	79.8	.1	21.2	70.1	74.8	18.3
21:00	24.3	25.4	75.7	77.7	1.1	22.8	73.0	94.4	20.3
22:00	23.2	24.4	73.7	75.9	1.2	22.8	73.0	100.6	20.3
23:00	22.3	23.6	72.2	74.6	1.3	22.0	71.6	100.9	19.5
Avg	23.7	23.2	74.6	73.8	-.5	19.9	67.8	84.2	17.1
Max	29.3	27.8	84.7	82.1	1.3	22.8	73.0	101.4	20.3
Hr. of Max	17	18	17	18	23	22	22	08	22
Min	19.8	19.8	67.7	67.6	-1.8	17.7	63.8	51.1	14.6
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	0.0154	0.0152	23.8	24.1	2442719.3	.0	.00	.00	-2.0
01:00	0.0152	0.015	23.4	23.7	2443280.1	.0	.00	.00	-2.7
02:00	0.0149	0.0147	23.0	23.3	2444052.3	.0	.00	.00	-2.7
03:00	0.0149	0.0147	23.0	23.2	2444146.0	.0	.00	.00	-2.5
04:00	0.0149	0.0147	23.0	23.3	2444020.9	.0	.00	.00	-2.8
05:00	0.0149	0.0147	23.1	23.3	2443997.1	.3	.01	.01	-3.3
06:00	0.0149	0.0147	23.0	23.3	2444038.1	.0	.00	.00	.5
07:00	0.0151	0.0149	23.4	23.7	2443415.0	.0	.00	.00	37.1
08:00	0.0155	0.0153	24.0	24.3	2442420.2	.0	.00	.00	118.6
09:00	0.0155	0.0158	24.0	25.1	2441159.2	.0	.00	.00	183.8
10:00	0.0152	0.0171	23.5	27.2	2438107.6	.0	.00	.00	326.4
11:00	0.0142	0.0192	21.9	30.4	2433692.2	.0	.00	.00	668.2
12:00	0.014	0.0213	21.8	33.7	2429568.5	.0	.00	.00	819.3
13:00	0.0143	0.0232	22.1	36.7	2426158.2	.0	.00	.00	859.1
14:00	0.014	0.0249	21.6	39.4	2423249.7	.0	.00	.00	752.7
15:00	0.0155	0.0224	24.0	35.4	2427633.7	.5	.02	.02	302.5
16:00	0.0144	0.024	22.2	38.0	2424756.7	.0	.00	.00	627.7
17:00	0.0132	0.0258	20.4	40.8	2421788.2	.0	.00	.00	506.8
18:00	0.0135	0.0257	20.9	40.6	2422033.1	.0	.00	.00	323.1
19:00	0.0147	0.0244	22.6	38.6	2424123.4	.0	.00	.00	145.6
20:00	0.0164	0.022	25.3	34.7	2428379.9	.0	.00	.00	25.9
21:00	0.0182	0.0193	27.9	30.4	2433640.1	.0	.00	.00	-2.0
22:00	0.0181	0.018	27.8	28.5	2436262.1	.0	.00	.00	-2.3
23:00	0.0172	0.0171	26.5	27.0	2438273.0	.0	.00	.00	-2.4
Avg	0.0152	0.0189	23.4	29.9	2435038.1	.0	.00	.00	236.4
Max	0.0182	0.0258	27.9	40.8	2444146.0	.5	.02	.02	859.1
Hr. of Max	21	17	21	17	03	15	15	15	13
Min	0.0132	0.0147	20.4	23.2	2421788.2	.0	.00	.00	-3.3
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	.00	29.07	984.4	213	256	200	249	30	13
01:00	.00	29.06	984.1	176	229	181	233	21	10
02:00	.00	29.05	983.8	310	271	116	235	52	21
03:00	.00	29.04	983.5	174	254	203	251	30	15
04:00	.00	29.05	983.7	212	231	213	233	13	9
05:00	.00	29.06	984.2	211	229	210	229	16	11
06:00	.00	29.09	985.0	223	247	221	248	21	13
07:00	.05	29.11	985.9	216	242	219	243	16	11
08:00	.17	29.12	986.1	230	246	234	239	18	18
09:00	.26	29.12	986.1	225	224	225	224	20	12
10:00	.47	29.12	986.2	209	213	208	213	22	12
11:00	.96	29.12	986.1	203	208	203	208	28	16
12:00	1.18	29.11	985.9	193	201	196	203	34	22
13:00	1.23	29.10	985.3	198	194	202	195	39	25
14:00	1.08	29.08	984.8	199	198	204	200	41	24
15:00	.43	29.07	984.5	181	191	190	197	55	43
16:00	.90	29.06	984.1	156	167	164	174	40	36
17:00	.73	29.05	983.7	188	194	190	194	32	16
18:00	.46	29.04	983.4	222	217	221	216	26	16
19:00	.21	29.02	982.9	189	197	193	199	25	12
20:00	.04	29.02	982.7	124	189	125	195	30	10
21:00	.00	29.02	982.9	241	218	158	0	37	11
22:00	.00	29.04	983.5	236	183	211	0	58	20
23:00	.00	29.06	984.3	200	225	198	0	14	10
Avg	.34	29.07	984.5	204	218	0	0	30	17
Max	1.23	29.12	986.2	310	271	234	251	58	43
Hr. of Max	13	11	10	02	02	08	03	22	15
Min	.00	29.02	982.7	124	167	116	0	13	9
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	.7	2.2	.8	2.2	.3	1.0	3.0	5.0
01:00	.8	2.5	1.1	2.5	.5	1.1	3.2	4.8
02:00	.1	.2	.4	.2	.2	.1	1.4	3.2
03:00	.4	.5	.6	.5	.3	.2	3.0	4.1
04:00	1.6	2.5	1.7	2.5	.8	1.1	3.7	5.7
05:00	1.8	4.0	1.9	4.1	.8	1.9	4.4	6.0
06:00	1.0	1.3	1.0	1.3	.5	.6	2.5	4.1
07:00	2.2	4.4	2.3	4.4	1.0	2.0	4.8	7.6
08:00	1.5	1.6	1.6	1.6	.7	.8	6.4	6.4
09:00	3.2	4.7	3.5	4.8	1.5	2.1	7.6	8.7
10:00	3.4	5.3	3.7	5.5	1.7	2.5	8.5	8.5
11:00	3.2	5.2	3.6	5.4	1.6	2.4	9.2	9.4
12:00	3.1	4.7	3.6	5.0	1.6	2.3	10.8	9.8
13:00	3.0	4.7	3.7	5.1	1.6	2.3	11.9	10.8
14:00	3.3	6.0	3.9	6.5	1.8	2.9	10.8	12.1
15:00	1.6	5.8	3.7	6.8	1.7	3.0	10.3	13.7
16:00	2.2	4.6	3.8	5.4	1.7	2.5	11.2	11.9
17:00	3.5	6.6	4.3	7.2	1.9	3.2	10.8	12.8
18:00	3.4	5.9	3.7	6.1	1.7	2.7	9.4	10.5
19:00	2.6	4.0	2.8	4.0	1.3	1.8	6.9	8.0
20:00	1.0	.9	1.2	1.3	.5	.6	3.2	5.5
21:00	.1	.2	.2	.2	.1	.1	1.4	1.6
22:00	.2	.5	.4	.6	.2	.3	2.1	2.5
23:00	.7	1.7	.8	1.8	.3	.8	2.1	3.7
Avg	2.3	2.3	2.3	3.5	1.0	1.6	6.2	7.4
Max	3.5	6.6	4.3	7.2	1.9	3.2	11.9	13.7
Hr. of Max	17	17	17	17	17	17	13	15
Min	.1	.2	.2	.2	.1	.1	1.4	1.6
Count	24	24	24	24	24	24	24	24
Total								