Date Printed: 07/14/2015 01:13

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

Daily Summary Report

Site: Tower "K" (1208)

7/4/2015

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	21.8	21.6	71.2	71.0	-.1	19.2	66.5	87.4	16.4
01:00	21.2	21.2	70.2	70.1	-.1	19.2	66.5	90.1	16.4
02:00	20.6	20.6	69.1	69.1	.0	19.4	66.9	94.8	16.6
03:00	20.8	20.5	69.5	68.9	-.3	19.8	67.6	96.2	17.1
04:00	20.3	20.1	68.5	68.1	-.2	20.0	68.0	100.6	17.3
05:00	20.0	19.7	68.0	67.5	-.3	19.7	67.5	100.9	17.1
06:00	20.1	19.8	68.1	67.6	-.3	19.8	67.7	100.9	17.1
07:00	20.2	20.0	68.4	67.9	-.3	20.0	68.0	100.9	17.3
08:00	20.4	20.1	68.7	68.1	-.3	20.2	68.3	101.0	17.5
09:00	21.0	20.3	69.8	68.5	-.7	20.7	69.3	100.8	18.0
10:00	21.4	20.7	70.5	69.3	-.7	20.8	69.5	98.9	18.1
11:00	21.7	21.0	71.1	69.8	-.8	20.3	68.5	93.6	17.5
12:00	22.2	21.2	71.9	70.2	-1.0	20.8	69.5	94.7	18.1
13:00	23.6	22.2	74.4	72.0	-1.4	20.4	68.8	85.1	17.6
14:00	24.8	23.4	76.7	74.1	-1.4	19.5	67.1	74.4	16.6
15:00	23.7	23.1	74.7	73.5	-.7	22.2	72.0	94.2	19.6
16:00	24.8	23.9	76.7	75.0	-.9	20.0	68.1	76.9	17.1
17:00	25.2	24.0	77.3	75.2	-1.2	19.8	67.7	74.3	16.9
18:00	25.0	24.1	77.0	75.4	-.8	20.1	68.2	76.6	17.2
19:00	24.7	24.0	76.4	75.1	-.7	20.3	68.5	78.6	17.4
20:00	23.8	23.7	74.9	74.6	-.2	21.1	70.0	87.4	18.4
21:00	23.0	23.3	73.4	73.9	.3	22.0	71.6	96.8	19.4
22:00	22.2	23.1	72.0	73.6	.9	21.8	71.3	100.4	19.2
23:00	21.9	22.4	71.5	72.4	.5	21.6	70.9	100.6	19.0
Avg	22.3	21.8	72.1	71.3	-.4	20.4	68.7	91.9	17.6
Max	25.2	24.1	77.3	75.4	.9	22.2	72.0	101.0	19.6
Hr. of Max	17	18	17	18	22	15	15	08	15
Min	20.0	19.7	68.0	67.5	-1.4	19.2	66.5	74.3	16.4
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	0.0145	0.0166	22.3	26.1	2439614.7	.0	.00	.00	-2.7
01:00	0.0145	0.0161	22.3	25.3	2440859.4	.0	.00	.00	-2.5
02:00	0.0147	0.0155	22.6	24.4	2442274.4	.0	.00	.00	-2.7
03:00	0.0151	0.0157	23.1	24.7	2441837.3	.0	.00	.00	-2.2
04:00	0.0152	0.0152	23.4	23.9	2443093.6	.3	.01	.01	-2.5
05:00	0.015	0.0149	23.1	23.4	2443807.5	.0	.00	.00	-2.7
06:00	0.0151	0.0149	23.2	23.5	2443619.5	.0	.00	.00	-1.6
07:00	0.0152	0.0151	23.4	23.8	2443248.0	.3	.01	.01	4.7
08:00	0.0154	0.0152	23.7	24.0	2442849.2	.3	.01	.01	56.2
09:00	0.0159	0.0158	24.5	24.9	2441455.8	.0	.00	.00	154.8
10:00	0.016	0.0162	24.7	25.6	2440424.9	.0	.00	.00	173.2
11:00	0.0155	0.0165	23.8	26.1	2439656.2	.0	.00	.00	137.8
12:00	0.016	0.017	24.7	26.8	2438617.8	.0	.00	.00	312.7
13:00	0.0157	0.0185	24.1	29.2	2435343.7	.0	.00	.00	530.4 +
14:00	0.0148	0.0199	22.8	31.4	2432365.2	.5	.02	.02	517.2
15:00	0.0175	0.0186	26.9	29.4	2434983.9	.3	.01	.01	340.4
16:00	0.0153	0.0199	23.6	31.4	2432364.8	.0	.00	.00	296.8
17:00	0.0151	0.0203	23.2	32.1	2431547.0	.0	.00	.00	296.6
18:00	0.0154	0.0201	23.7	31.7	2431972.8	.0	.00	.00	151.2
19:00	0.0155	0.0197	23.9	31.1	2432727.0	.0	.00	.00	103.5
20:00	0.0164	0.0188	25.2	29.6	2434745.6	.0	.00	.00	14.4
21:00	0.0172	0.0178	26.5	28.1	2436718.7	.0	.00	.00	-2.2
22:00	0.0171	0.017	26.2	26.8	2438567.2	.0	.00	.00	-2.2
23:00	0.0168	0.0167	25.9	26.4	2439215.5	.0	.00	.00	-2.6
Avg	0.0156	0.0172	24.0	27.1	2438412.9	.1	.00	.00	127.8
Max	0.0175	0.0203	26.9	32.1	2443807.5	.5	.02	.02	530.4
Hr. of Max	15	17	15	17	05	14	14	14	13
Min	0.0145	0.0149	22.3	23.4	2431547.0	.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	.00	28.94	980.0	208	216	207	216	19	7
01:00	.00	28.93	979.7	225	231	227	230	18	7
02:00	.00	28.92	979.5	244	234	238	233	22	8
03:00	.00	28.92	979.4	215	220	214	219	19	8
04:00	.00	28.92	979.4	212	217	211	216	21	9
05:00	.00	28.93	979.9	200	211	203	212	19	10
06:00	.00	28.94	980.2	226	225	219	209	27	18
07:00	.01	28.96	980.8	227	223	224	219	24	15
08:00	.08	28.97	981.1	213	216	213	216	20	10
09:00	.22	28.98	981.5	218	218	218	218	20	9
10:00	.25	28.99	981.9	219	219	219	219	20	9
11:00	.20	29.01	982.3	216	218	215	217	19	9
12:00	.45	29.01	982.4	214	216	212	218	24	11
13:00	.76 +	29.00	982.0	213	213	212	213	21	12
14:00	.74	28.98	981.4	226	222	227	223	22	14
15:00	.49	28.97	981.1	240	239	241	242	22	14
16:00	.43	28.97	981.2	226	223	227	223	23	12
17:00	.43	28.97	981.2	204	204	204	204	24	14
18:00	.22	28.97	981.0	198	202	197	201	24	14
19:00	.15	28.97	981.0	203	209	203	0	24	12
20:00	.02	28.97	981.2	226	250	239	0	38	15
21:00	.00	28.98	981.6	103	245	111	0	44	27
22:00	.00	29.00	982.0	62	100	73	0	57	15
23:00	.00	29.01	982.3	170	121	79	0	39	10
Avg	.19	28.97	981.0	212	216	0	0	25	12
Max	.76	29.01	982.4	244	250	241	242	57	27
Hr. of Max	13	23	12	02	20	15	15	22	21
Min	.00	28.92	979.4	62	100	73	0	18	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	3.3	9.0	3.5	9.0	1.5	4.0	8.7	13.3
01:00	3.2	8.1	3.5	8.1	1.6	3.7	7.3	12.4
02:00	2.0	7.0	2.2	7.1	1.0	3.2	5.3	12.1
03:00	4.2	9.7	4.5	9.8	2.0	4.4	11.0	16.9
04:00	3.9	8.8	4.2	8.9	1.9	4.0	12.4	15.6
05:00	2.4	5.8	2.5	5.8	1.1	2.6	6.6	12.1
06:00	1.2	2.7	1.4	2.7	.6	1.2	5.0	8.5
07:00	1.7	3.3	1.9	3.3	.9	1.5	7.1	10.5
08:00	3.8	8.4	4.0	8.6	1.8	3.8	9.4	14.9
09:00	3.9	7.7	4.1	7.8	1.9	3.5	10.5	15.6
10:00	5.0	9.4	5.3	9.4	2.4	4.2	12.1	15.3
11:00	5.3	10.1	5.6	10.2	2.5	4.6	14.7	17.2
12:00	3.5	5.0	3.9	5.0	1.7	2.3	10.3	13.5
13:00	5.7	9.3	6.1	9.5	2.7	4.3	13.5	14.7
14:00	4.6	8.2	4.9	8.4	2.2	3.8	11.4	17.9
15:00	3.9	4.4	4.7	5.0	2.1	2.3	12.1	16.9
16:00	5.3	7.6	5.8	7.8	2.6	3.5	11.9	12.6
17:00	4.6	7.9	5.0	8.1	2.2	3.6	12.4	23.4
18:00	3.7	4.7	3.9	4.9	1.8	2.2	11.0	15.8
19:00	2.3	4.4	2.5	4.5	1.1	2.0	7.3	8.7
20:00	.1	1.9	.6	1.9	.3	.9	2.1	7.3
21:00	.1	.5	.2	.5	.1	.2	1.4	2.5
22:00	1.0	2.6	1.2	2.6	.5	1.2	5.0	4.8
23:00	.3	1.6	.4	2.0	.2	.9	2.5	6.2
Avg	5.4	5.4	3.4	6.2	1.5	2.8	8.8	12.9
Max	5.7	10.1	6.1	10.2	2.7	4.6	14.7	23.4
Hr. of Max	13	11	13	11	13	11	11	17
Min	.1	.5	.2	.5	.1	.2	1.4	2.5
Count	24	24	24	24	24	24	24	24
Total								