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)

7/7/2015

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	21.9	22.9	71.3	73.2	1.0	21.6	70.9	101.0	19.0
01:00	21.4	22.4	70.4	72.4	1.1	21.1	70.0	101.1	18.5
02:00	20.8	22.0	69.5	71.5	1.1	20.6	69.1	101.1	17.9
03:00	20.4	21.4	68.7	70.6	1.0	20.2	68.4	101.2	17.5
04:00	20.1	21.1	68.2	69.9	1.0	19.9	67.8	101.2	17.2
05:00	20.1	20.6	68.3	69.0	.4	20.0	67.9	101.3	17.3
06:00	20.1	20.7	68.2	69.2	.5	20.0	67.9	101.3	17.3
07:00	20.5	20.7	68.9	69.3	.2	20.3	68.6	101.4	17.6
08:00	21.5	21.2	70.8	70.2	-.3	21.0	69.8	99.4	18.3
09:00	23.0	22.3	73.4	72.2	-.7	19.9	67.9	85.1	17.1
10:00	25.0	23.9	76.9	75.0	-1.1	20.9	69.6	80.3	18.0
11:00	26.5	25.2	79.7	77.3	-1.3	21.1	69.9	74.2	18.2
12:00	28.2	26.8	82.7	80.2	-1.4	20.6	69.1	65.6	17.6
13:00	29.4	27.9	84.9	82.2	-1.5	20.9	69.7	62.3	17.9
14:00	30.5	28.8	86.9	83.8	-1.7	20.6	69.0	57.2	17.4
15:00	31.4	29.5	88.6	85.1	-1.9	19.4	67.0	50.6	16.2
16:00	31.5	29.8	88.7	85.7	-1.7	18.9	65.9	48.6	15.7
17:00	31.4	30.1	88.6	86.1	-1.4	18.2	64.8	46.8	15.0
18:00	29.7	29.1	85.5	84.3	-.7	20.2	68.4	58.5	17.1
19:00	28.8	28.2	83.8	82.8	-.6	21.0	69.8	64.9	18.0
20:00	27.7	27.7	81.9	81.8	-.1	21.7	71.0	71.7	18.8
21:00	26.6	26.9	79.8	80.5	.4	22.0	71.6	78.3	19.2
22:00	25.7	26.2	78.3	79.2	.5	22.0	71.7	82.6	19.3
23:00	24.7	25.1	76.5	77.2	.4	21.8	71.3	86.3	19.1
Avg	25.3	25.0	77.5	77.0	-.3	20.6	69.0	80.1	17.7
Max	31.5	30.1	88.7	86.1	1.1	22.0	71.7	101.4	19.3
Hr. of Max	16	17	16	17	02	22	22	07	22
Min	20.1	20.6	68.2	69.0	-1.9	18.2	64.8	46.8	15.0
Count	24	24	24	24	24	24	24	24	24
Total									

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	10_Mix_Ratio_010m	_Sat_Mix_Ratio_010	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	0.0168	0.0166	25.8	26.3	2439382.7	.0	.00	.00	-2.4
01:00	0.0163	0.0161	25.1	25.5	2440560.3	.0	.00	.00	-2.6
02:00	0.0158	0.0156	24.3	24.7	2441806.1	.0	.00	.00	-2.4
03:00	0.0154	0.0152	23.7	24.0	2442818.2	.0	.00	.00	-2.7
04:00	0.0151	0.0149	23.3	23.6	2443577.8	.0	.00	.00	-2.9
05:00	0.0151	0.0149	23.4	23.6	2443446.8	.0	.00	.00	-2.7
06:00	0.0151	0.0149	23.4	23.6	2443468.4	.0	.00	.00	3.2
07:00	0.0155	0.0153	23.9	24.2	2442622.3	.0	.00	.00	48.3
08:00	0.0162	0.0163	24.9	25.8	2440151.9	.0	.00	.00	175.7
09:00	0.0151	0.0178	23.4	28.2	2436627.8	.0	.00	.00	306.6
10:00	0.016	0.02	24.8	31.7	2431998.5	.0	.00	.00	326.5
11:00	0.0163	0.0219	25.1	34.8	2428336.2	.0	.00	.00	434.8
12:00	0.0158	0.0242	24.5	38.3	2424394.5	.0	.00	.00	663.1
13:00	0.0162	0.026	25.0	41.1	2421489.5	.0	.00	.00	811.4
14:00	0.0158	0.0277	24.4	43.8	2418834.5	.0	.00	.00	757.1
15:00	0.0148	0.0292	22.8	46.2	2416638.9	.0	.00	.00	812.1
16:00	0.0143	0.0294	22.0	46.4	2416478.2	.0	.00	.00	626.2
17:00	0.0137	0.0293	21.1	46.2	2416620.3	.0	.00	.00	451.2
18:00	0.0155	0.0266	23.9	42.0	2420666.3	.0	.00	.00	149.3
19:00	0.0163	0.0251	25.1	39.7	2422933.8	.0	.00	.00	106.5
20:00	0.0169	0.0236	26.0	37.3	2425460.8	.0	.00	.00	21.5
21:00	0.0173	0.022	26.5	34.9	2428204.4	.0	.00	.00	-2.1
22:00	0.0173	0.0209	26.6	33.1	2430235.7	.0	.00	.00	-1.9
23:00	0.017	0.0198	26.3	31.3	2432548.0	.8	.03	.03	-2.3
Avg	0.0158	0.021	24.4	33.2	2431220.9	.0	.00	.00	236.3
Max	0.0173	0.0294	26.6	46.4	2443577.8	.8	.03	.03	812.1
Hr. of Max	22	16	22	16	04	23	23	23	15
Min	0.0137	0.0149	21.1	23.6	2416478.2	.0	.00	.00	-2.9
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	29.08	984.7	227	226	243	0	48	9
01:00	.00	29.07	984.5	213	219	221	0	24	6
02:00	.00	29.07	984.3	217	203	288	0	51	10
03:00	.00	29.07	984.4	43	251	84	0	49	10
04:00	.00	29.08	984.6	222	233	224	0	30	11
05:00	.00	29.08	984.8	218	235	233	0	42	8
06:00	.00	29.09	985.0	136	268	90	0	50	7
07:00	.07	29.10	985.4	129	235	112	0	28	13
08:00	.25	29.10	985.4	236	226	260	0	30	26
09:00	.44	29.11	985.7	244	241	246	0	30	23
10:00	.47	29.11	985.7	217	208	214	202	29	21
11:00	.62	29.10	985.5	202	203	202	210	24	17
12:00	.95	29.09	985.1	203	203	205	207	29	18
13:00	1.16	29.07	984.6	206	207	207	209	25	14
14:00	1.09	29.05	983.9	206	208	207	210	24	14
15:00	1.16	29.04	983.5	201	204	200	204	22	12
16:00	.90	29.03	983.2	200	210	201	210	20	10
17:00	.65	29.02	982.8	218	219	218	220	21	10
18:00	.21	29.02	982.6	195	205	195	206	18	8
19:00	.15	29.01	982.5	202	211	201	211	17	10
20:00	.03	29.02	982.9	215	222	215	0	16	6
21:00	.00	29.04	983.5	219	222	221	0	13	5
22:00	.00	29.06	984.1	217	218	225	0	47	8
23:00	.00	29.09	985.3	329	300	322	294	41	25
Avg	.34	29.07	984.3	210	223	0	0	30	13
Max	1.16	29.11	985.7	329	300	322	294	51	26
Hr. of Max	15	10	10	23	23	23	23	02	08
Min	.00	29.01	982.5	43	203	84	0	13	5
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	.4	3.3	.5	3.3	.2	1.5	2.3	5.5
01:00	.3	1.2	.5	1.2	.2	.6	2.7	4.4
02:00	.1	3.3	.4	3.3	.2	1.5	2.5	6.4
03:00	.5	2.5	.7	2.6	.3	1.2	3.4	6.6
04:00	.4	2.9	.5	2.9	.2	1.3	2.1	4.1
05:00	.1	3.9	.3	4.0	.1	1.8	2.1	7.3
06:00	.1	2.7	.1	2.7	.1	1.2	1.8	8.0
07:00	.7	2.0	.8	2.2	.4	1.0	2.7	5.0
08:00	.8	2.1	1.0	2.4	.4	1.1	4.4	8.5
09:00	1.8	4.2	2.1	4.5	.9	2.0	4.8	10.5
10:00	2.9	5.9	3.5	6.1	1.5	2.7	9.6	13.3
11:00	4.0	6.6	4.3	7.1	1.9	3.2	10.3	17.6
12:00	4.5	6.8	5.1	7.2	2.3	3.2	12.1	15.3
13:00	6.3	7.1	6.9	7.1	3.1	3.2	15.3	18.5
14:00	5.8	8.5	6.4	8.7	2.8	3.9	18.5	21.1
15:00	7.4	13.2	8.0	13.5	3.6	6.0	20.6	22.4
16:00	8.0	15.0	8.5	15.2	3.8	6.8	18.3	24.0
17:00	7.1	14.2	7.6	14.4	3.4	6.5	19.0	24.3
18:00	5.8	8.0	6.1	8.2	2.7	3.7	13.1	19.2
19:00	3.9	6.0	4.1	6.1	1.8	2.7	10.5	12.8
20:00	2.5	7.3	2.7	7.4	1.2	3.3	7.1	10.5
21:00	2.1	5.7	2.1	5.7	1.0	2.6	4.1	14.2
22:00	1.1	3.9	1.3	4.0	.6	1.8	5.3	8.5
23:00	1.2	5.1	1.6	7.1	.7	3.2	10.3	18.8
Avg	2.2	2.2	3.1	6.1	1.4	2.8	8.5	12.8
Max	8.0	15.0	8.5	15.2	3.8	6.8	20.6	24.3
Hr. of Max	16	16	16	16	16	16	15	17
Min	.1	1.2	.1	1.2	.1	.6	1.8	4.1
Count	24	24	24	24	24	24	24	24
Total								