Date Printed: 07/20/2015 09:41

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

Daily Summary Report

Site: Tower "K" (1208)

7/19/2015

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	22.8	23.5	73.1	74.3	.7	22.5	72.5	100.8	20.0
01:00	22.4	23.0	72.2	73.5	.7	22.0	71.7	100.9	19.5
02:00	22.2	22.8	72.0	73.1	.6	21.9	71.4	100.9	19.3
03:00	22.0	22.2	71.7	72.0	.2	21.7	71.1	100.9	19.2
04:00	21.8	22.0	71.2	71.7	.3	21.5	70.7	101.0	18.9
05:00	21.6	21.7	70.9	71.0	.0	21.4	70.5	101.1	18.8
06:00	21.4	21.8	70.6	71.2	.4	21.2	70.1	101.1	18.5
07:00	21.5	21.5	70.6	70.8	.1	21.2	70.2	101.2	18.6
08:00	22.3	21.9	72.1	71.4	-.4	21.6	70.9	98.7	19.0
09:00	24.3	23.0	75.7	73.4	-1.3	21.0	69.8	84.5	18.2
10:00	27.5	26.1	81.5	79.0	-1.4	20.1	68.2	66.0	17.1
11:00	29.9	28.6	85.8	83.5	-1.3	20.9	69.6	60.5	17.8
12:00	31.2	30.6	88.1	87.1	-.5	19.7	67.4	52.1	16.5
13:00	32.0	30.8	89.5	87.4	-1.2	21.8	71.3	57.0	18.7
14:00	32.8	32.0	91.0	89.6	-.8	19.9	67.8	48.5	16.7
15:00	33.3	32.6	91.9	90.6	-.7	17.9	64.2	41.5	14.7
16:00	32.6	31.5	90.7	88.7	-1.1	18.7	65.7	45.6	15.5
17:00	31.4	30.6	88.6	87.1	-.8	21.6	70.8	57.8	18.5
18:00	32.3	31.4	90.1	88.6	-.8	20.5	68.9	51.6	17.3
19:00	31.6	31.0	88.9	87.8	-.7	21.7	71.1	57.8	18.7
20:00	29.8	29.3	85.6	84.7	-.5	24.2	75.6	74.8	21.7
21:00	28.0	27.7	82.3	81.9	-.2	24.8	76.7	86.0	22.7
22:00	26.9	27.0	80.5	80.7	.1	24.4	75.9	89.0	22.2
23:00	26.0	25.9	78.8	78.5	-.1	24.6	76.3	95.3	22.5
Avg	27.0	26.6	80.6	79.9	-.4	21.5	70.8	78.1	18.8
Max	33.3	32.6	91.9	90.6	.7	24.8	76.7	101.2	22.7
Hr. of Max	15	15	15	15	01	21	21	07	21
Min	21.4	21.5	70.6	70.8	-1.4	17.9	64.2	41.5	14.7
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	0.0178	0.0176	27.3	27.8	2437120.1	.0	.00	.00	-2.8
01:00	0.0173	0.0172	26.6	27.1	2438196.8	.0	.00	.00	-2.5
02:00	0.0172	0.017	26.3	26.8	2438562.6	.0	.00	.00	-2.5
03:00	0.017	0.0168	26.1	26.6	2438941.7	.0	.00	.00	-2.7
04:00	0.0167	0.0166	25.7	26.1	2439570.1	.0	.00	.00	-2.7
05:00	0.0166	0.0164	25.5	25.9	2439895.5	.0	.00	.00	-2.8
06:00	0.0164	0.0162	25.2	25.6	2440416.1	.0	.00	.00	-.2
07:00	0.0165	0.0163	25.3	25.7	2440298.5	.0	.00	.00	49.7
08:00	0.0168	0.0171	25.9	26.9	2438438.5	.0	.00	.00	171.0
09:00	0.0162	0.0193	24.9	30.4	2433660.1	.0	.00	.00	360.3
10:00	0.0154	0.0234	23.7	36.9	2425968.8	.0	.00	.00	640.1
11:00	0.0162	0.0268	24.9	42.4	2420267.7	.0	.00	.00	763.2
12:00	0.015	0.0289	23.1	45.5	2417278.9	.0	.00	.00	827.8
13:00	0.0172	0.0302	26.4	47.7	2415368.9	.0	.00	.00	861.9
14:00	0.0153	0.0317	23.6	49.9	2413392.0	.0	.00	.00	837.1
15:00	0.0135	0.0326	20.8	51.3	2412237.6	.0	.00	.00	732.2
16:00	0.0142	0.0314	21.9	49.4	2413868.0	.0	.00	.00	560.2
17:00	0.017	0.0294	26.0	46.2	2416641.2	.0	.00	.00	366.0
18:00	0.0159	0.0308	24.4	48.4	2414682.3	.0	.00	.00	366.2
19:00	0.0172	0.0297	26.3	46.7	2416168.0	.0	.00	.00	158.3
20:00	0.0199	0.0267	30.4	42.1	2420558.3	.0	.00	.00	23.1
21:00	0.0207	0.024	31.5	37.9	2424862.0	.0	.00	.00	-2.3
22:00	0.0201	0.0226	30.7	35.6	2427359.7	.0	.00	.00	-2.4
23:00	0.0204	0.0214	31.0	33.7	2429603.6	.0	.00	.00	-1.9
Avg	0.0169	0.0233	26.0	36.8	2427223.2	.0	.00	.00	278.9
Max	0.0207	0.0326	31.5	51.3	2440416.1	.0	.00	.00	861.9
Hr. of Max	21	15	21	15	06	23	23	23	13
Min	0.0135	0.0162	20.8	25.6	2412237.6	.0	.00	.00	-2.8
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	29.00	982.1	92	90	88	90	39	17
01:00	.00	28.99	981.7	66	74	68	74	44	20
02:00	.00	28.98	981.3	103	71	77	71	50	21
03:00	.00	28.97	981.0	232	284	243	284	55	25
04:00	.00	28.97	981.1	220	240	78	240	32	10
05:00	.00	28.97	981.1	236	252	228	252	40	15
06:00	.00	28.96	980.7	212	250	197	250	24	12
07:00	.07	28.97	980.9	138	150	151	150	57	26
08:00	.25	28.98	981.5	212	241	209	241	23	10
09:00	.52	28.99	981.8	211	235	211	235	29	12
10:00	.92	28.99	981.7	217	220	216	220	43	31
11:00	1.09	28.98	981.5	219	259	224	259	42	48
12:00	1.19	28.97	981.0	281	254	276	254	55	43
13:00	1.24	28.97	981.1	244	257	243	257	27	10
14:00	1.20	28.95	980.4	286	293	276	293	39	13
15:00	1.05	28.93	979.8	296	286	288	286	46	15
16:00	.80	28.91	978.9	260	272	255	272	26	11
17:00	.52	28.91	979.0	249	252	253	252	17	8
18:00	.53	28.89	978.4	261	266	263	266	20	9
19:00	.23	28.90	978.6	267	241	267	241	21	10
20:00	.03	28.91	979.2	214	198	217	198	21	8
21:00	.00	28.92	979.4	188	208	193	208	28	11
22:00	.00	28.92	979.4	199	226	199	226	38	14
23:00	.00	28.92	979.4	221	229	220	229	21	7
Avg	.40	28.95	980.5	226	243	0	0	35	17
Max	1.24	29.00	982.1	296	293	288	293	57	48
Hr. of Max	13	00	00	15	14	15	14	07	11
Min	.00	28.89	978.4	66	71	68	71	17	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	.4	1.5	.8	1.7	.4	.8	2.3	3.5
01:00	.7	2.9	1.0	2.9	.4	1.3	3.4	3.7
02:00	.2	.5	.6	.4	.3	.2	2.1	2.7
03:00	.2	1.2	.6	1.4	.3	.6	2.1	2.1
04:00	.0	2.0	.5	2.1	.2	1.0	2.3	2.5
05:00	.6	2.4	.8	2.4	.3	1.1	3.0	4.0
06:00	.6	1.4	.7	1.3	.3	.6	3.2	5.0
07:00	.4	.5	.7	1.5	.3	.6	3.9	6.0
08:00	2.2	2.5	2.3	2.4	1.0	1.1	5.7	8.0
09:00	1.8	3.9	2.0	4.1	.9	1.8	6.2	8.0
10:00	1.9	3.9	2.3	4.3	1.0	1.9	6.0	8.5
11:00	2.2	4.4	3.0	5.2	1.3	2.3	8.9	9.0
12:00	1.9	1.7	2.6	2.6	1.1	1.1	8.5	10.0
13:00	4.7	6.2	5.1	6.8	2.3	3.1	11.7	15.0
14:00	4.2	5.0	4.7	5.6	2.1	2.4	13.7	17.0
15:00	2.8	2.6	3.3	2.5	1.5	1.1	12.8	18.0
16:00	4.7	6.1	5.6	6.1	2.5	2.7	12.8	17.0
17:00	4.8	4.6	5.2	4.5	2.3	2.0	9.4	13.0
18:00	3.9	3.5	4.1	3.5	1.9	1.6	8.5	13.0
19:00	4.6	4.0	4.9	4.0	2.2	1.8	10.3	15.0
20:00	2.9	4.0	3.2	4.0	1.4	1.8	7.6	12.0
21:00	1.7	2.6	2.0	2.7	.9	1.2	5.7	9.0
22:00	1.7	2.8	2.2	2.7	1.0	1.2	4.4	5.5
23:00	2.0	4.0	2.2	4.0	1.0	1.8	6.0	8.0
Avg	1.6	1.6	2.5	3.2	1.1	1.5	6.7	9.0
Max	4.8	6.2	5.6	6.8	2.5	3.1	13.7	18.0
Hr. of Max	17	13	16	13	16	13	14	15
Min	.0	.5	.5	.4	.2	.2	2.1	2.1
Count	24	24	24	24	24	24	24	24
Total								