Date Printed: 07/14/2015 12:07

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

Daily Summary Report

Site: Tower "K" (1208)

7/13/2015

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	23.6	23.9	74.5	75.1	.3	23.3	73.9	101.1	20.9
01:00	23.4	23.7	74.1	74.7	.4	23.1	73.6	101.2	20.7
02:00	22.9	23.3	73.2	73.9	.3	22.6	72.8	101.2	20.2
03:00	23.0	23.0	73.4	73.4	.0	22.7	72.9	101.3	20.3
04:00	23.3	23.2	73.9	73.8	-.1	23.0	73.4	101.4	20.6
05:00	23.3	23.1	73.9	73.6	-.2	23.0	73.4	101.4	20.6
06:00	23.1	22.9	73.6	73.2	-.2	22.9	73.1	101.4	20.4
07:00	23.1	22.9	73.6	73.2	-.2	22.9	73.2	101.4	20.5
08:00	23.4	23.0	74.2	73.4	-.4	23.1	73.7	101.2	20.8
09:00	24.6	23.4	76.3	74.2	-1.2	22.6	72.7	91.3	20.0
10:00	27.0	25.0	80.6	77.1	-1.9	21.5	70.6	74.1	18.6
11:00	29.4	27.8	84.9	82.0	-1.6	21.1	69.9	62.9	18.0
12:00	30.4	29.2	86.7	84.6	-1.1	19.9	67.8	55.2	16.7
13:00	31.6	29.9	88.8	85.8	-1.7	20.5	68.9	53.7	17.3
14:00	32.3	30.4	90.2	86.8	-1.9	20.4	68.7	51.1	17.2
15:00	32.7	31.2	90.9	88.2	-1.5	19.1	66.3	46.1	15.9
16:00	32.5	31.4	90.5	88.5	-1.2	18.8	65.9	45.9	15.6
17:00	31.6	30.9	88.8	87.6	-.7	21.0	69.9	55.7	17.9
18:00	29.7	29.7	85.4	85.4	.0	23.0	73.5	70.0	20.3
19:00	28.8	29.2	83.8	84.6	.5	23.7	74.6	76.7	21.1
20:00	27.6	28.2	81.7	82.7	.5	25.1	77.2	89.4	23.1
21:00	26.0	27.3	78.7	81.2	1.4	25.5	77.9	100.7	23.7
22:00	25.6	25.9	78.1	78.7	.3	25.2	77.4	101.0	23.4
23:00	25.3	26.0	77.6	78.8	.7	24.9	76.9	101.1	23.0
Avg	26.8	26.4	80.3	79.6	-.4	22.5	72.4	82.8	19.9
Max	32.7	31.4	90.9	88.5	1.4	25.5	77.9	101.4	23.7
Hr. of Max	15	16	15	16	21	21	21	07	21
Min	22.9	22.9	73.2	73.2	-1.9	18.8	65.9	45.9	15.6
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	0.0187	0.0185	28.7	29.2	2435231.0	.0	.00	.00	-2.3
01:00	0.0185	0.0183	28.3	28.8	2435788.0	.0	.00	.00	-2.9
02:00	0.018	0.0178	27.6	28.0	2436873.0	.0	.00	.00	-2.6
03:00	0.0181	0.0179	27.7	28.1	2436723.9	.0	.00	.00	-2.1
04:00	0.0185	0.0182	28.2	28.7	2435994.1	.0	.00	.00	-2.6
05:00	0.0185	0.0182	28.2	28.6	2436015.9	.0	.00	.00	-3.1
06:00	0.0183	0.018	27.9	28.3	2436422.0	.0	.00	.00	-.2
07:00	0.0183	0.018	28.0	28.4	2436350.2	.0	.00	.00	31.5
08:00	0.0186	0.0184	28.4	28.9	2435630.4	.0	.00	.00	134.7
09:00	0.018	0.0197	27.5	31.0	2432856.8	.0	.00	.00	311.7
10:00	0.0168	0.0227	25.7	35.8	2427211.5	.0	.00	.00	579.1
11:00	0.0164	0.0261	25.2	41.1	2421495.6	.0	.00	.00	778.9
12:00	0.0153	0.0276	23.5	43.5	2419175.1	.0	.00	.00	857.7
13:00	0.0159	0.0296	24.4	46.6	2416302.0	.0	.00	.00	873.3
14:00	0.0158	0.0309	24.2	48.6	2414540.2	.0	.00	.00	780.8
15:00	0.0146	0.0317	22.4	49.7	2413578.4	.0	.00	.00	768.3
16:00	0.0144	0.0313	22.0	49.2	2414054.2	.0	.00	.00	495.1
17:00	0.0165	0.0297	25.2	46.6	2416328.6	.0	.00	.00	211.4
18:00	0.0186	0.0266	28.3	41.8	2420839.8	.0	.00	.00	86.3
19:00	0.0193	0.0253	29.4	39.6	2422998.9	.0	.00	.00	48.6
20:00	0.0211	0.0237	32.0	37.1	2425667.8	.0	.00	.00	1.4
21:00	0.0216	0.0214	32.7	33.6	2429650.8	.3	.01	.01	-2.4
22:00	0.0213	0.021	32.2	33.0	2430423.6	.0	.00	.00	-2.5
23:00	0.0209	0.0207	31.7	32.4	2431151.9	.0	.00	.00	-1.9
Avg	0.018	0.023	27.5	36.1	2427554.3	.0	.00	.00	247.3
Max	0.0216	0.0317	32.7	49.7	2436873.0	.3	.01	.01	873.3
Hr. of Max	21	15	21	15	02	21	21	21	13
Min	0.0144	0.0178	22.0	28.0	2413578.4	.0	.00	.00	-3.1
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	28.95	980.5	248	228	243	227	32	6
01:00	.00	28.94	980.0	231	227	225	226	52	15
02:00	.00	28.92	979.3	209	231	198	230	24	9
03:00	.00	28.91	979.0	188	210	188	210	22	8
04:00	.00	28.90	978.8	210	217	209	217	16	6
05:00	.00	28.90	978.7	211	223	209	221	17	10
06:00	.00	28.91	978.9	196	211	196	210	17	9
07:00	.05	28.92	979.4	184	196	186	196	20	8
08:00	.19	28.92	979.4	207	218	206	217	18	8
09:00	.45	28.92	979.2	208	218	207	218	21	13
10:00	.83	28.91	979.0	229	224	233	224	26	16
11:00	1.12	28.91	979.0	227	223	229	225	34	22
12:00	1.23	28.90	978.6	239	227	236	230	39	28
13:00	1.25	28.88	978.1	192	194	194	194	33	20
14:00	1.12	28.86	977.4	211	208	213	208	29	17
15:00	1.10	28.82	976.2	234	231	236	231	22	14
16:00	.71	28.82	975.9	242	242	244	242	20	11
17:00	.30	28.81	975.7	227	228	235	228	30	14
18:00	.12	28.81	975.6	260	255	229	255	41	33
19:00	.07	28.82	976.1	53	354	56	353	38	26
20:00	.00	28.82	976.0	111	251	142	251	63	44
21:00	.00	28.81	975.6	140	195	138	195	43	41
22:00	.00	28.79	975.1	226	240	214	0	55	22
23:00	.00	28.80	975.2	95	306	96	0	41	38
Avg	.36	28.87	977.8	209	227	0	0	31	18
Max	1.25	28.95	980.5	260	354	244	353	63	44
Hr. of Max	13	00	00	18	19	16	19	20	20
Min	.00	28.79	975.1	53	194	56	0	16	6
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	.4	3.8	.5	3.7	.2	1.7	2.7	6.2
01:00	.2	1.7	.4	1.7	.2	.8	2.3	3.0
02:00	.5	2.4	.6	2.4	.3	1.1	2.7	4.4
03:00	1.2	4.5	1.3	4.6	.6	2.1	3.9	7.3
04:00	2.1	5.0	2.3	5.0	1.0	2.3	5.0	7.3
05:00	2.3	4.3	2.4	4.3	1.1	2.0	6.0	7.1
06:00	2.8	5.3	2.9	5.4	1.3	2.5	6.6	8.0
07:00	3.4	7.3	3.6	7.4	1.6	3.3	8.9	11.0
08:00	4.2	7.6	4.5	7.7	2.0	3.5	9.6	11.7
09:00	3.7	5.6	3.9	5.7	1.8	2.6	8.0	9.2
10:00	3.7	5.5	4.3	5.7	1.9	2.6	9.8	10.3
11:00	3.6	5.1	4.1	5.4	1.8	2.5	9.6	11.7
12:00	3.3	4.5	4.1	5.6	1.9	2.5	10.3	9.2
13:00	3.8	5.6	4.5	7.0	2.0	3.1	11.2	12.6
14:00	4.5	6.9	5.0	8.5	2.3	3.8	12.1	14.7
15:00	6.7	8.4	7.3	10.6	3.3	4.7	15.1	20.2
16:00	6.3	6.3	6.6	7.6	3.0	3.4	14.2	23.8
17:00	3.5	4.0	3.9	5.0	1.7	2.2	11.9	10.5
18:00	.4	1.7	1.7	2.2	.8	1.0	5.0	8.2
19:00	1.2	1.2	1.4	1.5	.6	.7	3.0	3.2
20:00	.6	2.0	1.2	2.5	.5	1.1	4.1	11.7
21:00	.5	2.4	2.0	3.0	.9	1.3	4.4	8.5
22:00	.7	4.2	1.2	5.2	.6	2.3	5.0	14.0
23:00	.9	2.0	1.2	2.5	.5	1.1	2.7	8.0
Avg	3.6	3.6	3.0	5.0	1.3	2.3	7.3	10.1
Max	6.7	8.4	7.3	10.6	3.3	4.7	15.1	23.8
Hr. of Max	15	15	15	15	15	15	15	16
Min	.2	1.2	.4	1.5	.2	.7	2.3	3.0
Count	24	24	24	24	24	24	24	24
Total								