Date Printed: 07/18/2015 07:50

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

Daily Summary Report

Site: Tower "K" (1208)

7/17/2015

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	22.3	23.0	72.1	73.4	.7	22.0	71.5	100.7	19.4
01:00	21.8	22.2	71.3	72.0	.4	21.5	70.7	100.8	18.9
02:00	21.4	22.1	70.5	71.7	.7	21.1	70.0	100.9	18.5
03:00	20.9	21.3	69.5	70.4	.5	20.6	69.1	101.0	17.9
04:00	20.3	21.3	68.6	70.4	1.0	20.1	68.2	101.0	17.4
05:00	19.8	20.8	67.7	69.4	1.0	19.6	67.3	101.0	16.9
06:00	19.6	20.5	67.2	68.8	.9	19.3	66.8	101.0	16.7
07:00	19.6	20.2	67.3	68.4	.6	19.3	66.8	100.6	16.6
08:00	21.8	21.7	71.3	71.1	-.1	17.0	62.6	76.1	14.3
09:00	24.6	24.1	76.2	75.3	-.5	16.3	61.4	61.5	13.6
10:00	26.5	25.5	79.7	77.9	-1.0	17.6	63.7	59.5	14.7
11:00	28.6	27.1	83.4	80.9	-1.4	18.3	64.9	55.3	15.2
12:00	29.5	28.6	85.2	83.4	-1.0	17.7	63.9	50.5	14.7
13:00	30.8	29.3	87.4	84.7	-1.5	18.9	66.1	50.8	15.8
14:00	31.3	30.0	88.3	85.9	-1.3	19.1	66.5	50.0	16.0
15:00	31.5	30.1	88.8	86.2	-1.4	19.0	66.2	49.0	
16:00	32.3	30.7	90.1	87.2	-1.6	18.1	64.5	44.3	14.9
17:00	32.5	30.8	90.4	87.4	-1.7	17.9	64.2	43.4	14.7
18:00	32.1	30.7	89.7	87.3	-1.3	19.3	66.8	48.6	16.1
19:00	31.6	30.5	89.0	86.9	-1.1	20.5	68.8	53.3	17.3
20:00	30.0	29.7	86.0	85.4	-.3	22.8	73.0	67.9	20.0
21:00	27.8	28.2	82.1	82.8	.4	24.5	76.0	84.7	22.2
22:00	26.3	27.2	79.3	80.9	.9	24.8	76.6	94.7	22.7
23:00	25.3	26.5	77.5	79.7	1.3	24.7	76.4	99.8	22.6
Avg	26.2	25.9	79.1	78.6	-.2	20.0	68.0	74.9	17.3
Max	32.5	30.8	90.4	87.4	1.3	24.8	76.6	101.0	22.7
Hr. of Max	17	17	17	17	23	22	22	06	22
Min	19.6	20.2	67.2	68.4	-1.7	16.3	61.4	43.4	13.6
Count	24	24	24	24	24	24	24	24	23
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	0.0172	0.0171	26.4	27.0	2438354.2	.0	.00	.00	-2.6
01:00	0.0168	0.0166	25.8	26.2	2439460.0	.0	.00	.00	-2.6
02:00	0.0163	0.0162	25.1	25.5	2440518.2	.0	.00	.00	-2.6
03:00	0.0158	0.0157	24.3	24.7	2441751.0	.0	.00	.00	-2.8
04:00	0.0153	0.0152	23.6	23.9	2443022.0	.0	.00	.00	-2.8
05:00	0.0148	0.0147	22.9	23.2	2444216.5	.0	.00	.00	-2.7
06:00	0.0146	0.0144	22.5	22.8	2444840.4	.0	.00	.00	2.7
07:00	0.0146	0.0145	22.5	22.9	2444736.5	.0	.00	.00	88.1
08:00	0.0126	0.0167	19.5	26.3	2439395.6	.0	.00	.00	278.5
09:00	0.0121	0.0196	18.7	31.0	2432922.4	.0	.00	.00	491.8
10:00	0.0131	0.022	20.3	34.8	2428321.8	.0	.00	.00	669.6
11:00	0.0137	0.0248	21.2	39.2	2423427.9	.0	.00	.00	799.7
12:00	0.0133	0.0263	20.5	41.5	2421120.2	.0	.00	.00	876.4
13:00	0.0143	0.0282	22.1	44.5	2418197.9	.0	.00	.00	891.8
14:00	0.0145	0.0291	22.4	45.9	2416966.2	.0	.00	.00	720.1
15:00	0.0144	0.0295	22.2	46.5	2416379.0	.0	.00	.00	513.5
16:00	0.0136	0.0308	21.0	48.5	2414628.8	.0	.00	.00	634.9
17:00	0.0135	0.0311	20.8	49.0	2414226.6	.0	.00	.00	481.1
18:00	0.0148	0.0304	22.7	47.9	2415173.6	.0	.00	.00	305.1
19:00	0.0158	0.0297	24.3	46.8	2416130.4	.0	.00	.00	156.5
20:00	0.0183	0.027	28.0	42.6	2420098.6	.0	.00	.00	26.9
21:00	0.0202	0.0239	30.8	37.6	2425156.4	.0	.00	.00	-2.2
22:00	0.0206	0.0217	31.4	34.2	2428946.5	.0	.00	.00	-2.2
23:00	0.0204	0.0205	31.2	32.3	2431273.3	.0	.00	.00	-2.4
Avg	0.0154	0.0223	23.8	35.2	2429136.0	.0	.00	.00	288.1
Max	0.0206	0.0311	31.4	49.0	2444840.4	.0	.00	.00	891.8
Hr. of Max	22	17	22	17	06	23	23	23	13
Min	0.0121	0.0144	18.7	22.8	2414226.6	.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	28.97	981.1	84	61	123	61	58	10
01:00	.00	28.97	981.0	287	243	13	243	54	22
02:00	.00	28.96	980.9	116	75	65	75	33	11
03:00	.00	28.96	980.8	195	163	195	163	37	11
04:00	.00	28.96	980.9	49	33	58	33	38	12
05:00	.00	28.97	981.2	86	59	75	59	44	14
06:00	.00	28.99	981.7	111	56	10	56	51	15
07:00	.13	29.00	982.1	252	61	335	61	46	13
08:00	.40	29.00	982.3	66	74	74	74	55	15
09:00	.71	29.01	982.5	299	147	279	147	70	45
10:00	.96	29.01	982.5	238	221	237	221	29	8
11:00	1.15	29.01	982.4	214	228	210	228	39	10
12:00	1.26	28.99	981.9	243	230	245	230	23	11
13:00	1.28	28.99	981.6	205	206	210	206	36	13
14:00	1.03	28.98	981.4	223	224	227	224	34	18
15:00	.74	28.97	981.2	201	196	202	196	24	11
16:00	.91	28.96	980.8	221	219	221	219	28	13
17:00	.69	28.95	980.2	203	236	206	236	34	14
18:00	.44	28.94	980.0	211	217	212	217	21	12
19:00	.22	28.93	979.9	215	26	214	26	20	12
20:00	.04	28.94	980.1	214	238	220	238	19	11
21:00	.00	28.95	980.3	244	208	281	208	27	14
22:00	.00	28.96	980.8	166	213	173	213	35	16
23:00	.00	28.97	980.9	171	44	70	10	51	10
Avg	.42	28.97	981.2	202	185	0	0	38	14
Max	1.28	29.01	982.5	299	243	335	243	70	45
Hr. of Max	13	11	10	09	01	07	01	09	09
Min	.00	28.93	979.9	49	26	10	10	19	8
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	.5	1.0	.8	1.2	.4	.5	2.7	3.5
01:00	.1	.2	.4	.5	.2	.2	1.8	2.5
02:00	.3	.8	.7	.9	.3	.4	2.1	3.0
03:00	.6	1.0	.6	1.1	.3	.5	2.7	3.5
04:00	.5	1.0	.8	1.2	.3	.5	2.5	3.0
05:00	.2	.5	.5	.7	.2	.3	2.1	2.5
06:00	.2	1.0	.6	1.0	.3	.4	2.5	3.4
07:00	.1	.2	.2	.3	.1	.1	1.6	2.7
08:00	.5	.9	.7	.9	.3	.4	3.2	3.2
09:00	.6	1.0	1.2	1.1	.5	.5	4.1	2.7
10:00	2.3	1.8	2.7	2.8	1.2	1.3	6.9	4.6
11:00	2.7	2.8	3.4	2.8	1.5	1.3	9.8	7.8
12:00	5.0	4.5	5.4	4.5	2.4	2.0	11.0	8.0
13:00	3.4	3.8	4.3	4.0	1.9	1.8	12.4	15.6
14:00	3.9	4.3	5.0	4.5	2.2	2.0	12.1	11.9
15:00	4.1	4.7	4.4	4.7	2.0	2.1	11.2	11.7
16:00	4.1	4.2	4.6	4.2	2.0	1.9	10.8	14.4
17:00	2.9	3.3	3.4	3.2	1.5	1.5	9.4	7.6
18:00	4.2	4.9	4.4	4.8	2.0	2.2	9.8	11.4
19:00	3.2	3.9	3.5	3.8	1.6	1.7	7.8	6.4
20:00	1.6	2.4	1.7	2.4	.8	1.1	6.4	5.3
21:00	.2	.3	.3	.3	.1	.1	1.4	2.7
22:00	.3	.4	.4	.6	.2	.2	1.6	2.3
23:00	.1	.7	.5	.9	.2	.4	2.5	2.3
Avg	.9	.9	2.1	2.1	.9	1.0	5.8	5.9
Max	5.0	4.9	5.4	4.8	2.4	2.2	12.4	15.6
Hr. of Max	12	18	12	18	12	18	13	13
Min	.1	.2	.2	.3	.1	.1	1.4	2.3
Count	24	24	24	24	24	24	24	24
Total								