Date Printed: 07/28/2016 09:30

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

Daily Summary Report

Site: Tower "K" (1208)

7/27/2016

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	26.3	26.3	79.3	79.3	.0	23.1	73.5	85.2	20.5
01:00	25.7	25.8	78.2	78.4	.1	22.8	73.1	87.0	20.2
02:00	24.9	25.0	76.7	77.0	.1	22.9	73.2	91.6	20.4
03:00	24.7	24.5	76.4	76.1	-.2	23.1	73.5	93.6	20.6
04:00	24.3	24.5	75.7	76.0	.2	22.9	73.2	94.8	20.4
05:00	23.8	24.0	74.8	75.3	.3	22.9	73.2	97.5	20.4
06:00	23.6	23.6	74.5	74.5	.0	22.7	72.8	97.4	20.2
07:00	23.8	23.4	74.8	74.1	-.4	21.6	70.9	90.6	19.0
08:00	25.2	24.2	77.3	75.5	-1.0	20.0	68.0	74.9	17.1
09:00	26.8	25.5	80.2	77.9	-1.3	20.0	68.1	68.4	17.0
10:00	28.1	26.7	82.5	80.1	-1.3	20.0	68.0	63.5	16.9
11:00	29.4	28.0	85.0	82.4	-1.4	20.1	68.3	59.1	17.0
12:00	30.5	29.2	87.0	84.6	-1.3	20.6	69.1	57.2	17.5
13:00	31.8	30.6	89.3	87.0	-1.3	21.3	70.3	55.5	18.2
14:00	33.3	31.7	91.9	89.0	-1.6	19.7	67.4	46.6	16.5
15:00	33.8	32.4	92.9	90.3	-1.5	17.0	62.6	38.1	13.9
16:00	34.3	32.8	93.8	91.0	-1.6	17.0	62.6	37.1	
17:00	30.7	30.3	87.2	86.6	-.4	21.6	70.8	60.8	
18:00	31.0	30.5	87.9	86.9	-.5	16.8	62.2	44.0	
19:00	30.6	30.3	87.1	86.5	-.3	22.0	71.6	62.2	
20:00	29.7	29.6	85.5	85.4	-.1	22.3	72.2	66.7	
21:00	28.8	28.6	83.9	83.5	-.2	22.7	72.8	71.7	
22:00	27.9	28.0	82.3	82.4	.1	23.2	73.7	78.0	
23:00	27.4	27.7	81.3	81.9	.4	23.2	73.8	80.7	
Avg	28.2	27.6	82.7	81.7	-.6	21.2	70.2	70.9	18.5
Max	34.3	32.8	93.8	91.0	.4	23.2	73.8	97.5	20.6
Hr. of Max	16	16	16	16	23	23	23	05	03
Min	23.6	23.4	74.5	74.1	-1.6	16.8	62.2	37.1	13.9
Count	24	24	24	24	24	24	24	24	16
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	0.0184	0.0216	28.3	34.2	2428936.2	.0	.00	.00	-2.4
01:00	0.0182	0.0209	27.9	33.0	2430370.4	.0	.00	.00	-1.9
02:00	0.0182	0.0199	28.0	31.5	2432246.0	.0	.00	.00	-2.5
03:00	0.0184	0.0197	28.3	31.1	2432725.1	.0	.00	.00	-2.6
04:00	0.0182	0.0192	28.0	30.4	2433671.5	.0	.00	.00	-2.4
05:00	0.0182	0.0187	28.0	29.5	2434796.3	.0	.00	.00	-2.7
06:00	0.018	0.0184	27.6	29.2	2435252.8	.0	.00	.00	-.1
07:00	0.0168	0.0186	26.0	29.5	2434860.1	.0	.00	.00	79.4
08:00	0.0152	0.0203	23.5	32.1	2431481.5	.0	.00	.00	265.6
09:00	0.0152	0.0223	23.6	35.4	2427635.8	.0	.00	.00	484.4
10:00	0.0152	0.024	23.6	38.1	2424648.4	.0	.00	.00	636.5
11:00	0.0154	0.026	23.8	41.3	2421352.7	.0	.00	.00	766.8
12:00	0.0159	0.0277	24.5	43.9	2418774.5	.0	.00	.00	867.0
13:00	0.0166	0.0299	25.6	47.3	2415684.0	.0	.00	.00	915.3
14:00	0.0151	0.0324	23.3	51.3	2412252.7	.0	.00	.00	848.6
15:00	0.0127	0.0335	19.7	52.9	2410946.1	.0	.00	.00	816.6
16:00	0.0127	0.0344	19.7	54.4	2409777.0	.0	.00	.00	629.0
17:00	0.0169	0.0281	26.0	44.3	2418462.8	.0	.00	.00	166.1
18:00	0.0126	0.0286	19.4	45.2	2417583.0	.0	.00	.00	371.0
19:00	0.0174	0.028	26.7	44.1	2418558.8	.0	.00	.00	83.1
20:00	0.0177	0.0265	27.2	41.9	2420730.0	.0	.00	.00	12.0
21:00	0.018	0.0252	27.7	39.8	2422828.3	.0	.00	.00	-2.3
22:00	0.0186	0.0239	28.6	37.7	2424988.5	.0	.00	.00	-2.4
23:00	0.0186	0.0231	28.6	36.5	2426290.0	.0	.00	.00	-2.4
Avg	0.0166	0.0246	25.6	38.9	2424368.9	.0	.00	.00	288.3
Max	0.0186	0.0344	28.6	54.4	2435252.8	.0	.00	.00	915.3
Hr. of Max	23	16	23	16	06	23	23	23	13
Min	0.0126	0.0184	19.4	29.2	2409777.0	.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	29.09	985.2	168	219	199	219	66	17
01:00	.00	29.07	984.3	52	304	79	257	44	42
02:00	.00	29.06	984.2	186	189	188	184	31	12
03:00	.00	29.06	984.2	268	251	234	249	56	15
04:00	.00	29.07	984.3	126	229	151	228	66	16
05:00	.00	29.07	984.6	51	232	78	210	43	24
06:00	.00	29.09	985.2	169	212	186	206	60	16
07:00	.11	29.11	985.8	162	216	179	217	36	14
08:00	.38	29.11	985.9	209	207	203	207	27	12
09:00	.69	29.11	985.8	215	213	212	213	25	11
10:00	.91	29.10	985.5	207	210	205	209	30	17
11:00	1.10	29.10	985.5	209	208	220	211	53	24
12:00	1.24	29.10	985.4	211	207	211	208	38	21
13:00	1.31	29.08	984.7	217	207	221	208	50	30
14:00	1.22	29.05	983.9	204	195	210	195	44	26
15:00	1.17	29.03	983.2	226	215	229	213	37	26
16:00	.90	29.01	982.5	213	210	214	211	31	21
17:00	.24	29.01	982.4	244	239	244	238	18	10
18:00	.53	29.00	982.0	355	317	323	316	48	39
19:00	.12	28.99	981.7	135	172	147	169	44	14
20:00	.02	28.98	981.6	159	171	159	169	49	11
21:00	.00	29.01	982.4	241	201	225	195	40	16
22:00	.00	29.04	983.3	230	216	221	214	45	13
23:00	.00	29.04	983.4	249	217	240	215	27	9
Avg	.41	29.06	984.0	202	216	0	0	42	19
Max	1.31	29.11	985.9	355	317	323	316	66	42
Hr. of Max	13	09	08	18	18	18	18	04	01
Min	.00	28.98	981.6	51	171	78	169	18	9
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	.8	3.6	1.2	3.7	.5	1.7	3.9	6.6
01:00	.8	.6	1.5	1.7	.7	.8	5.3	5.3
02:00	1.5	5.2	2.5	5.9	1.1	2.7	6.4	10.3
03:00	.5	2.9	.9	3.0	.4	1.4	4.1	6.0
04:00	.4	2.4	1.0	2.6	.4	1.2	4.1	4.6
05:00	.4	2.4	.9	2.7	.4	1.2	3.2	7.8
06:00	.5	4.5	1.4	4.7	.6	2.1	6.6	9.6
07:00	.9	3.3	1.1	3.3	.5	1.5	3.7	6.2
08:00	2.9	4.7	3.2	4.8	1.4	2.2	8.5	8.9
09:00	3.9	6.5	4.2	6.6	1.9	3.0	9.6	10.8
10:00	3.8	6.4	4.2	6.6	1.9	3.0	10.5	11.4
11:00	2.7	4.9	3.8	5.2	1.7	2.4	10.1	12.1
12:00	3.5	5.7	4.0	5.9	1.8	2.7	11.0	12.1
13:00	2.8	4.9	3.6	5.3	1.6	2.4	11.4	11.4
14:00	3.4	6.0	4.3	6.8	1.9	3.0	11.2	15.8
15:00	3.3	5.0	4.0	5.7	1.8	2.6	12.8	11.9
16:00	5.0	8.1	5.6	8.6	2.5	3.9	16.0	18.1
17:00	6.0	10.6	6.3	10.8	2.8	4.8	16.7	21.8
18:00	.4	1.6	1.5	3.2	.7	1.5	6.0	11.0
19:00	1.9	5.5	2.3	5.6	1.0	2.5	8.7	13.1
20:00	1.8	7.7	2.2	7.8	1.0	3.5	8.5	13.5
21:00	1.4	4.5	1.9	4.8	.8	2.2	5.3	9.6
22:00	1.2	4.7	1.6	4.9	.7	2.2	4.4	11.4
23:00	1.9	7.0	2.2	7.1	1.0	3.2	6.0	11.7
Avg	2.8	2.8	2.7	5.3	1.2	2.4	8.1	10.9
Max	6.0	10.6	6.3	10.8	2.8	4.8	16.7	21.8
Hr. of Max	17	17	17	17	17	17	17	17
Min	.4	.6	.9	1.7	.4	.8	3.2	4.6
Count	24	24	24	24	24	24	24	24
Total								