Date Printed: 07/14/2015 12:43

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

Daily Summary Report

Site: Tower "K" (1208)

7/11/2015

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	25.6	25.6	78.1	78.1	.0	19.8	67.6	72.0	16.8
01:00	24.8	24.9	76.6	76.9	.2	19.5	67.1	74.6	16.6
02:00	24.0	24.1	75.2	75.5	.1	19.7	67.5	78.9	16.8
03:00	23.3	23.7	74.0	74.7	.4	20.1	68.1	84.0	17.2
04:00	22.8	23.3	73.1	73.9	.5	20.2	68.4	87.3	17.4
05:00	22.6	22.8	72.7	73.0	.2	20.3	68.5	89.1	17.5
06:00	22.1	22.6	71.8	72.6	.4	20.4	68.7	92.1	17.6
07:00	22.2	22.0	71.9	71.6	-.2	20.3	68.5	91.1	17.5
08:00	23.1	22.6	73.6	72.7	-.5	19.7	67.5	83.3	16.9
09:00	24.7	24.2	76.4	75.6	-.5	16.5	61.7	62.0	13.7
10:00	26.8	25.5	80.2	78.0	-1.2	17.3	63.1	57.5	14.4
11:00	28.5	27.4	83.3	81.4	-1.1	18.8	65.9	57.4	15.8
12:00	29.1	28.5	84.3	83.3	-.6	19.9	67.7	59.3	16.8
13:00	29.5	28.4	85.1	83.1	-1.1	21.0	69.8	62.2	17.9
14:00	30.5	29.5	86.9	85.1	-1.0	20.5	68.9	57.1	17.4
15:00	31.1	30.3	87.9	86.5	-.8	18.9	65.9	49.9	15.7
16:00	31.3	30.5	88.4	86.9	-.8	17.1	62.8	44.1	14.1
17:00	31.4	30.5	88.5	86.8	-.9	16.5	61.7	42.4	13.6
18:00	30.3	29.5	86.6	85.1	-.8	19.3	66.8	54.1	16.3
19:00	27.0	26.1	80.6	79.0	-.9	20.0	68.0	67.7	17.0
20:00	25.0	24.8	77.0	76.6	-.2	20.7	69.3	79.2	17.8
21:00	24.0	24.4	75.3	76.0	.4	21.5	70.8	88.4	18.8
22:00	23.1	23.7	73.6	74.6	.5	21.9	71.4	95.5	19.3
23:00	22.5	22.7	72.6	72.9	.2	22.0	71.7	99.7	19.5
Avg	26.1	25.7	78.9	78.3	-.3	19.7	67.4	72.0	16.8
Max	31.4	30.5	88.5	86.9	.5	22.0	71.7	99.7	19.5
Hr. of Max	17	17	17	16	22	23	23	23	23
Min	22.1	22.0	71.8	71.6	-1.2	16.5	61.7	42.4	13.6
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	0.015	0.0208	23.1	32.9	2430502.0	.0	.00	.00	-2.0
01:00	0.0147	0.0198	22.8	31.3	2432483.6	.0	.00	.00	-2.0
02:00	0.0149	0.0189	23.1	29.9	2434263.6	.0	.00	.00	-2.5
03:00	0.0152	0.0181	23.5	28.7	2435897.3	.0	.00	.00	-2.4
04:00	0.0154	0.0176	23.7	27.9	2437061.9	.0	.00	.00	-2.3
05:00	0.0154	0.0173	23.9	27.5	2437647.7	.0	.00	.00	-2.1
06:00	0.0155	0.0168	24.0	26.7	2438760.4	.0	.00	.00	3.8
07:00	0.0154	0.0169	23.8	26.8	2438583.7	.0	.00	.00	50.3
08:00	0.0149	0.0179	23.1	28.4	2436339.0	.0	.00	.00	136.9
09:00	0.0121	0.0196	18.9	31.1	2432727.1	.0	.00	.00	463.8
10:00	0.0128	0.0222	19.9	35.3	2427757.1	.0	.00	.00	640.9
11:00	0.0141	0.0246	21.9	39.1	2423557.6	.0	.00	.00	650.0
12:00	0.0151	0.0255	23.4	40.4	2422224.2	.0	.00	.00	541.4
13:00	0.0162	0.0261	25.1	41.4	2421233.9	.0	.00	.00	522.3
14:00	0.0158	0.0277	24.4	43.8	2418863.4	.0	.00	.00	673.9
15:00	0.0142	0.0286	22.0	45.3	2417538.5	.0	.00	.00	664.3
16:00	0.0127	0.029	19.8	45.9	2416926.6	.0	.00	.00	746.3
17:00	0.0123	0.0291	19.1	46.1	2416765.9	.0	.00	.00	498.6
18:00	0.0147	0.0274	22.8	43.4	2419318.3	.0	.00	.00	291.7
19:00	0.0153	0.0226	23.6	35.8	2427151.5	.0	.00	.00	135.6
20:00	0.0159	0.0201	24.5	31.8	2431903.7	.0	.00	.00	26.0
21:00	0.0168	0.019	25.8	30.0	2434181.2	.0	.00	.00	-1.7
22:00	0.0171	0.0179	26.4	28.4	2436403.7	.0	.00	.00	-2.5
23:00	0.0173	0.0173	26.6	27.4	2437745.7	.0	.00	.00	-2.7
Avg	0.015	0.0217	23.1	34.4	2429409.9	.0	.00	.00	251.1
Max	0.0173	0.0291	26.6	46.1	2438760.4	.0	.00	.00	746.3
Hr. of Max	23	17	23	17	06	23	23	23	16
Min	0.0121	0.0168	18.9	26.7	2416765.9	.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	29.10	985.4	292	304	294	304	46	11
01:00	.00	29.09	985.2	268	287	256	287	46	11
02:00	.00	29.09	985.1	188	271	176	271	56	29
03:00	.00	29.08	984.8	227	270	212	270	29	12
04:00	.00	29.09	985.1	202	260	204	260	21	10
05:00	.00	29.10	985.5	160	273	152	273	44	19
06:00	.01	29.11	985.9	147	140	109	140	51	38
07:00	.07	29.13	986.4	350	252	345	252	50	16
08:00	.20	29.14	986.9	252	284	270	284	52	25
09:00	.67	29.14	986.9	307	334	289	334	52	55
10:00	.92	29.14	986.8	224	206	222	206	48	38
11:00	.93	29.13	986.7	249	263	250	263	43	31
12:00	.78	29.12	986.3	292	308	277	308	43	27
13:00	.75	29.12	986.1	247	244	249	244	26	17
14:00	.97	29.10	985.5	268	283	268	283	54	42
15:00	.95	29.08	985.0	303	307	290	307	44	15
16:00	1.07	29.08	984.7	315	321	311	321	49	12
17:00	.71	29.07	984.4	23	359	29	359	50	18
18:00	.42	29.08	984.7	115	69	136	69	51	52
19:00	.19	29.08	984.8	115	134	118	134	35	18
20:00	.04	29.08	984.6	102	127	101	127	22	12
21:00	.00	29.07	984.4	80	118	78	118	24	19
22:00	.00	29.07	984.5	171	217	164	217	23	15
23:00	.00	29.08	984.8	165	178	157	178	29	15
Avg	.36	29.10	985.4	231	266	0	0	41	23
Max	1.07	29.14	986.9	350	359	345	359	56	55
Hr. of Max	16	10	09	07	17	07	17	02	09
Min	.00	29.07	984.4	23	69	29	69	21	10
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	1.4	5.2	1.6	6.4	.7	2.9	11.0	12.8
01:00	.9	4.0	1.2	5.0	.6	2.2	3.9	12.4
02:00	.8	6.2	1.2	7.5	.5	3.4	3.7	11.7
03:00	1.0	3.2	1.3	4.1	.6	1.8	4.8	14.7
04:00	1.5	1.1	1.6	1.3	.7	.6	3.7	5.5
05:00	.4	1.7	.9	2.1	.4	.9	3.2	3.7
06:00	.6	.7	1.0	.9	.5	.4	3.7	3.4
07:00	.1	.7	.2	.9	.1	.4	1.6	2.3
08:00	.3	1.4	.5	1.6	.2	.7	2.1	4.4
09:00	.5	1.2	1.2	1.4	.5	.6	3.9	3.7
10:00	1.7	2.4	2.1	2.8	.9	1.3	6.6	8.5
11:00	2.0	4.7	2.9	5.6	1.3	2.5	10.1	11.4
12:00	2.9	4.7	3.5	5.6	1.5	2.5	11.0	12.8
13:00	4.6	7.0	5.2	8.5	2.3	3.8	12.6	18.8
14:00	2.0	5.9	2.8	6.9	1.2	3.2	11.2	17.9
15:00	2.9	6.5	3.3	7.6	1.5	3.5	12.6	15.1
16:00	1.6	6.6	2.1	7.8	.9	3.6	10.1	16.3
17:00	1.0	5.0	2.3	5.9	1.0	2.7	10.1	16.3
18:00	1.4	4.8	2.3	5.6	1.0	2.5	13.5	17.2
19:00	2.3	3.3	2.7	4.1	1.2	1.9	10.3	13.5
20:00	1.7	1.7	1.8	2.1	.8	1.0	6.6	8.9
21:00	.9	.8	1.2	1.1	.5	.5	3.4	3.2
22:00	.7	2.2	1.1	2.5	.5	1.2	2.7	6.4
23:00	.8	2.0	1.0	2.2	.5	1.0	2.5	5.0
Avg	1.8	1.8	1.9	4.1	.8	1.9	6.9	10.2
Max	4.6	7.0	5.2	8.5	2.3	3.8	13.5	18.8
Hr. of Max	13	13	13	13	13	13	18	13
Min	.1	.7	.2	.9	.1	.4	1.6	2.3
Count	24	24	24	24	24	24	24	24
Total								