Date Printed: 07/14/2015 12:35

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

Daily Summary Report

Site: Tower "K" (1208)

7/12/2015

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	21.7	22.2	71.0	72.0	.5	21.3	70.4	100.5	18.7
01:00	21.2	22.0	70.2	71.7	.8	20.9	69.6	100.8	18.3
02:00	20.9	21.4	69.6	70.6	.5	20.6	69.1	100.8	18.0
03:00	20.6	21.1	69.0	69.9	.5	20.3	68.6	100.9	17.6
04:00	20.3	20.9	68.6	69.6	.5	20.1	68.1	101.0	17.4
05:00	20.0	20.1	68.0	68.1	.1	19.8	67.6	101.0	17.1
06:00	20.0	20.0	67.9	68.0	.0	19.7	67.5	101.0	17.0
07:00	20.5	20.6	69.0	69.1	.1	20.3	68.6	101.1	17.6
08:00	21.2	20.9	70.2	69.6	-.3	20.9	69.6	100.7	18.2
09:00	22.0	21.4	71.7	70.5	-.6	20.9	69.6	95.6	18.2
10:00	23.0	22.2	73.3	71.9	-.8	20.8	69.5	90.1	18.1
11:00	23.1	22.3	73.6	72.1	-.8	22.4	72.3	98.6	19.9
12:00	24.2	23.5	75.5	74.3	-.7	23.2	73.8	97.6	20.8
13:00	26.6	25.2	79.9	77.4	-1.3	20.6	69.1	72.0	17.7
14:00	27.7	26.5	81.8	79.7	-1.1	20.8	69.4	68.2	17.8
15:00	28.5	27.5	83.3	81.4	-1.0	20.4	68.8	63.5	17.4
16:00	29.1	27.9	84.3	82.2	-1.2	21.1	70.1	64.3	18.1
17:00	28.9	27.9	84.0	82.2	-1.0	21.8	71.3	67.7	18.9
18:00	27.4	27.2	81.4	81.0	-.2	23.4	74.1	81.4	20.9
19:00	26.4	26.3	79.5	79.4	-.1	24.2	75.6	90.6	21.9
20:00	26.2	26.2	79.2	79.1	-.1	22.2	71.9	80.9	19.4
21:00	25.4	25.5	77.7	78.0	.1	23.8	74.9	94.1	21.5
22:00	24.4	24.7	75.9	76.5	.4	24.0	75.1	100.6	21.7
23:00	23.7	24.4	74.7	75.8	.6	23.4	74.1	100.9	21.1
Avg	23.9	23.7	75.0	74.6	-.2	21.5	70.8	90.6	18.9
Max	29.1	27.9	84.3	82.2	.8	24.2	75.6	101.1	21.9
Hr. of Max	16	17	16	17	01	19	19	07	19
Min	20.0	20.0	67.9	68.0	-1.3	19.7	67.5	63.5	17.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	0.0165	0.0164	25.4	26.0	2439834.9	.0	.00	.00	-2.4
01:00	0.0161	0.016	24.8	25.2	2440930.2	.0	.00	.00	-2.6
02:00	0.0158	0.0157	24.4	24.8	2441644.3	.0	.00	.00	-2.7
03:00	0.0155	0.0154	23.9	24.3	2442414.4	.0	.00	.00	-2.7
04:00	0.0153	0.0151	23.6	23.9	2443033.1	.0	.00	.00	-2.7
05:00	0.015	0.0148	23.1	23.5	2443754.2	.0	.00	.00	-2.6
06:00	0.0149	0.0148	23.1	23.4	2443893.7	.0	.00	.00	1.2
07:00	0.0155	0.0153	23.9	24.2	2442494.9	.0	.00	.00	38.1
08:00	0.0161	0.0159	24.8	25.2	2440927.6	.0	.00	.00	105.2
09:00	0.016	0.0168	24.8	26.6	2438947.8	.0	.00	.00	148.5
10:00	0.016	0.0178	24.7	28.1	2436735.7	.0	.00	.00	190.5
11:00	0.0176	0.0179	27.2	28.3	2436414.3	1.5	.06	.06	42.1
12:00	0.0186	0.0191	28.6	30.2	2433892.7	.8	.03	.03	362.7
13:00	0.0159	0.0221	24.4	34.9	2428142.6	.0	.00	.00	674.3
14:00	0.016	0.0236	24.7	37.2	2425591.8	.0	.00	.00	452.1
15:00	0.0157	0.0248	24.2	39.1	2423575.2	.0	.00	.00	589.9
16:00	0.0164	0.0256	25.3	40.3	2422259.0	.0	.00	.00	369.1
17:00	0.0171	0.0253	26.3	39.9	2422685.4	.0	.00	.00	331.1
18:00	0.0189	0.0233	28.9	36.7	2426158.2	.0	.00	.00	35.2
19:00	0.0199	0.0219	30.3	34.5	2428576.2	.0	.00	.00	66.4
20:00	0.0175	0.0217	26.9	34.2	2429004.3	.0	.00	.00	49.9
21:00	0.0194	0.0206	29.7	32.5	2430965.6	.0	.00	.00	-1.5
22:00	0.0195	0.0194	29.9	30.6	2433412.5	.0	.00	.00	-2.3
23:00	0.0189	0.0187	28.9	29.5	2434885.8	.0	.00	.00	-2.5
Avg	0.0168	0.0191	25.9	30.1	2434590.6	.1	.00	.00	143.1
Max	0.0199	0.0256	30.3	40.3	2443893.7	1.5	.06	.06	674.3
Hr. of Max	19	16	19	16	06	11	11	11	13
Min	0.0149	0.0148	23.1	23.4	2422259.0	.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	29.08	984.8	65	318	59	0	40	21
01:00	.00	29.07	984.4	194	307	187	0	39	7
02:00	.00	29.06	984.1	182	258	189	0	71	23
03:00	.00	29.06	984.0	86	58	102	0	26	38
04:00	.00	29.05	983.9	164	86	152	0	46	21
05:00	.00	29.06	984.1	211	223	224	0	37	22
06:00	.00	29.07	984.5	347	258	342	0	67	19
07:00	.05	29.08	984.7	113	281	90	0	43	22
08:00	.15	29.08	984.8	117	88	86	0	71	61
09:00	.21	29.08	984.7	201	203	209	0	28	42
10:00	.27	29.06	984.2	285	284	279	254	32	28
11:00	.06	29.07	984.6	318	309	273	337	64	26
12:00	.52	29.06	984.0	200	142	190	180	41	48
13:00	.97	29.02	982.8	216	183	208	190	56	41
14:00	.65	28.99	981.8	179	186	179	183	58	34
15:00	.85	28.98	981.3	253	248	242	227	51	41
16:00	.53	28.97	981.0	210	213	212	210	29	19
17:00	.47	28.95	980.6	239	233	242	235	21	15
18:00	.05	28.95	980.3	258	262	250	272	54	22
19:00	.10	28.93	979.8	232	246	228	238	40	30
20:00	.07	28.93	979.8	30	333	29	330	34	26
21:00	.00	28.95	980.3	249	252	252	250	51	13
22:00	.00	28.95	980.6	25	251	3	247	63	14
23:00	.00	28.96	980.6	213	239	211	234	41	7
Avg	.21	29.02	982.7	210	249	0	0	46	27
Max	.97	29.08	984.8	347	333	342	337	71	61
Hr. of Max	13	09	08	06	20	06	11	08	08
Min	.00	28.93	979.8	25	58	3	0	21	7
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	.6	.7	.9	1.3	.4	.6	2.5	4.6
01:00	.3	.5	.6	1.6	.3	.7	1.8	2.3
02:00	.2	.4	.4	.9	.2	.4	1.6	2.5
03:00	.4	.5	.6	1.0	.3	.4	2.5	2.1
04:00	.3	.6	.7	1.9	.3	.8	2.7	3.2
05:00	.4	.5	.5	1.5	.2	.7	1.8	4.6
06:00	.2	.3	.3	2.6	.1	1.2	1.6	4.8
07:00	.5	.5	.6	1.5	.3	.7	3.0	4.1
08:00	.2	.3	.3	2.3	.1	1.1	2.5	4.1
09:00	1.2	1.3	1.5	2.6	.7	1.2	4.8	6.9
10:00	1.6	1.6	1.8	3.0	.8	1.4	5.5	5.5
11:00	.6	4.5	1.1	5.0	.5	2.2	5.7	11.9
12:00	1.1	2.4	2.4	3.1	1.1	1.4	7.1	8.5
13:00	1.3	1.3	1.7	1.3	.8	.6	9.4	8.9
14:00	1.4	3.2	2.1	3.5	.9	1.6	8.0	11.0
15:00	2.1	1.5	2.7	1.8	1.2	.8	8.5	9.8
16:00	3.4	5.2	4.0	5.4	1.8	2.4	8.9	11.2
17:00	4.4	5.0	4.7	5.1	2.1	2.3	9.6	10.5
18:00	.8	1.3	1.2	1.7	.5	.8	5.3	6.4
19:00	1.7	4.6	2.1	4.8	1.0	2.2	5.7	10.5
20:00	.6	1.5	.8	1.6	.4	.7	2.7	4.1
21:00	.4	1.5	.6	1.5	.2	.7	3.0	3.7
22:00	.4	1.8	.5	1.8	.2	.8	1.8	3.7
23:00	1.0	3.8	1.1	3.8	.5	1.7	4.6	6.4
Avg	.8	.8	1.4	2.5	.6	1.1	4.6	6.3
Max	4.4	5.2	4.7	5.4	2.1	2.4	9.6	11.9
Hr. of Max	17	16	17	16	17	16	17	11
Min	.2	.3	.3	.9	.1	.4	1.6	2.1
Count	24	24	24	24	24	24	24	24
Total								