Date Printed: 07/14/2015 01:13

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

Daily Summary Report

Site: Tower "K" (1208)

7/5/2015

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	21.6	21.9	70.9	71.5	.4	21.3	70.4	100.9	18.7
01:00	21.5	21.6	70.7	70.9	.1	21.2	70.2	101.0	18.6
02:00	21.1	21.1	70.0	69.9	-.1	20.9	69.6	101.1	18.2
03:00	20.4	20.1	68.6	68.2	-.2	20.1	68.2	101.1	17.4
04:00	20.1	19.9	68.2	67.8	-.2	19.9	67.8	101.2	17.2
05:00	20.2	20.1	68.3	68.2	-.1	20.0	67.9	101.2	17.3
06:00	20.1	20.4	68.2	68.8	.3	19.9	67.9	101.3	17.3
07:00	20.0	20.1	68.0	68.2	.1	19.8	67.7	101.3	17.1
08:00	20.0	20.0	68.0	68.0	.0	19.8	67.7	101.3	17.1
09:00	20.1	19.6	68.1	67.3	-.4	19.9	67.8	101.3	17.2
10:00	20.2	20.0	68.4	67.9	-.3	20.0	68.1	101.4	17.4
11:00	20.7	20.4	69.3	68.7	-.3	20.5	69.0	101.4	17.9
12:00	21.3	20.7	70.3	69.3	-.6	21.0	69.9	101.0	18.4
13:00	21.8	20.9	71.2	69.6	-.9	21.0	69.8	97.9	18.3
14:00	22.2	21.1	72.0	69.9	-1.1	21.3	70.3	97.4	18.6
15:00	24.6	23.5	76.3	74.3	-1.1	17.8	64.1	67.8	15.0
16:00	22.7	22.1	72.8	71.7	-.6	19.0	66.3	82.8	16.2
17:00	20.4	20.1	68.8	68.2	-.3	20.2	68.3	100.8	17.5
18:00	21.0	20.8	69.9	69.5	-.2	20.8	69.4	101.0	18.1
19:00	21.5	21.1	70.7	70.0	-.4	21.2	70.2	100.9	18.6
20:00	21.4	21.2	70.5	70.1	-.2	21.1	70.0	100.8	18.5
21:00	20.8	20.9	69.5	69.7	.1	20.6	69.0	101.0	17.9
22:00	20.8	20.5	69.4	69.0	-.2	20.5	69.0	101.1	17.9
23:00	20.6	20.4	69.1	68.7	-.2	20.4	68.7	101.1	17.7
Avg	21.0	20.8	69.9	69.4	-.3	20.3	68.6	98.7	17.7
Max	24.6	23.5	76.3	74.3	.4	21.3	70.4	101.4	18.7
Hr. of Max	15	15	15	15	00	14	00	11	00
Min	20.0	19.6	68.0	67.3	-1.1	17.8	64.1	67.8	15.0
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	0.0165	0.0164	25.4	25.9	2440008.8	.3	.01	.01	-2.4
01:00	0.0164	0.0163	25.3	25.7	2440255.4	3.6	.14	.14	-2.7
02:00	0.0161	0.0159	24.8	25.1	2441116.9	7.9	.31	.31	-2.4
03:00	0.0153	0.0152	23.6	24.0	2442952.6	8.4	.33	.33	-2.6
04:00	0.0151	0.015	23.3	23.6	2443516.7	7.6	.30	.30	-2.7
05:00	0.0152	0.015	23.4	23.7	2443415.2	2.0	.08	.08	-3.2
06:00	0.0152	0.015	23.4	23.6	2443473.2	3.0	.12	.12	-2.0
07:00	0.015	0.0149	23.2	23.5	2443758.2	1.8	.07	.07	14.5
08:00	0.015	0.0148	23.2	23.4	2443770.6	1.0	.04	.04	59.2
09:00	0.0151	0.0149	23.3	23.5	2443643.2	4.3	.17	.17	62.6
10:00	0.0152	0.015	23.5	23.8	2443255.8	1.0	.04	.04	172.8
11:00	0.0157	0.0155	24.2	24.5	2442109.7	.0	.00	.00	249.3
12:00	0.0162	0.0161	25.0	25.4	2440705.4	.3	.01	.01	266.3
13:00	0.0162	0.0165	24.9	26.1	2439591.1	.8	.03	.03	245.9
14:00	0.0165	0.017	25.4	26.9	2438568.7	1.3	.05	.05	595.8 +
15:00	0.0133	0.0196	20.6	31.0	2432874.6	.0	.00	.00	670.5
16:00	0.0143	0.0175	22.1	27.7	2437472.7	4.6	.18	.18	95.1
17:00	0.0154	0.0152	23.7	24.1	2442780.7	.5	.02	.02	160.1
18:00	0.016	0.0158	24.6	25.0	2441333.9	1.5	.06	.06	131.5
19:00	0.0164	0.0163	25.3	25.7	2440216.1	.0	.00	.00	64.6
20:00	0.0163	0.0162	25.1	25.5	2440473.4	.3	.01	.01	15.3
21:00	0.0157	0.0156	24.3	24.6	2441849.1	.0	.00	.00	-2.2
22:00	0.0157	0.0155	24.2	24.6	2441944.1	.0	.00	.00	-2.2
23:00	0.0155	0.0154	24.0	24.3	2442356.6	.0	.00	.00	-2.6
Avg	0.0156	0.0159	24.0	25.1	2441310.1	2.1	.08	.08	115.8
Max	0.0165	0.0196	25.4	31.0	2443770.6	8.4	.33	.33	670.5
Hr. of Max	14	15	14	15	08	03	03	03	15
Min	0.0133	0.0148	20.6	23.4	2432874.6	.0	.00	.00	-3.2
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	29.01	982.3	42	90	39	0	21	9
01:00	.00	29.01	982.3	107	96	111	179	56	15
02:00	.00	29.02	982.7	198	199	197	190	25	12
03:00	.00	29.01	982.3	259	235	233	237	51	48
04:00	.00	28.99	981.8	77	53	79	65	64	28
05:00	.00	28.99	981.8	99	75	106	91	53	25
06:00	.00	29.00	982.2	114	135	112	135	25	11
07:00	.02	29.00	982.2	159	167	163	171	28	14
08:00	.08	29.02	982.7	173	185	174	185	24	9
09:00	.09	29.03	983.0	196	203	196	203	22	9
10:00	.25	29.04	983.3	200	207	200	208	19	8
11:00	.36	29.03	983.2	208	213	208	213	20	10
12:00	.38	29.04	983.3	238	236	239	236	19	12
13:00	.35	29.04	983.4	238	237	240	237	22	13
14:00	.85 +	29.03	983.2	244	251	240	253	30	24
15:00	.96	29.02	982.7	278	288	275	291	30	19
16:00	.14	29.02	982.8	242	249	247	249	21	17
17:00	.23	29.03	983.3	235	238	236	239	18	10
18:00	.19	29.03	983.2	261	268	261	267	21	13
19:00	.09	29.03	983.2	191	219	195	220	24	18
20:00	.02	29.03	983.0	203	230	199	224	36	14
21:00	.00	29.04	983.4	180	210	186	210	29	8
22:00	.00	29.08	984.7	232	234	231	234	21	8
23:00	.00	29.08	984.9	219	233	216	229	17	10
Avg	.17	29.03	983.0	204	214	0	0	29	15
Max	.96	29.08	984.9	278	288	275	291	64	48
Hr. of Max	15	23	23	15	15	15	15	04	03
Min	.00	28.99	981.8	42	53	39	0	17	8
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	1.3	3.3	1.5	3.4	.7	1.5	4.8	6.2
01:00	.9	3.4	1.7	4.2	.8	1.9	6.2	11.9
02:00	2.9	3.6	3.5	3.7	1.6	1.7	9.6	13.7
03:00	.4	1.9	.8	2.7	.3	1.2	4.8	9.6
04:00	1.5	3.5	1.7	3.6	.8	1.6	6.6	11.2
05:00	1.8	4.2	2.3	6.7	1.0	3.0	11.4	15.1
06:00	3.2	10.5	3.4	10.7	1.5	4.8	10.5	18.1
07:00	4.9	11.8	5.4	12.4	2.4	5.6	17.2	24.7
08:00	5.3	13.1	5.7	13.3	2.5	5.9	15.8	21.1
09:00	4.7	10.6	5.1	10.9	2.3	4.9	15.1	17.2
10:00	5.0	10.0	5.3	10.1	2.4	4.5	12.1	16.5
11:00	5.4	10.5	5.8	10.7	2.6	4.8	14.0	21.5
12:00	4.5	7.0	4.8	7.1	2.1	3.2	12.4	16.5
13:00	4.7	7.1	5.1	7.3	2.3	3.3	9.8	15.8
14:00	2.5	4.2	3.0	5.2	1.3	2.4	11.9	12.4
15:00	3.7	7.0	4.1	7.4	1.8	3.3	12.4	13.1
16:00	4.6	7.7	5.0	8.2	2.3	3.7	16.9	20.2
17:00	3.5	6.4	3.7	6.5	1.7	2.9	8.0	11.7
18:00	3.6	6.3	3.8	6.5	1.7	2.9	8.5	12.4
19:00	1.8	3.4	2.1	3.7	.9	1.7	5.0	7.1
20:00	1.0	2.1	1.2	2.2	.6	1.0	4.4	5.5
21:00	1.5	5.0	1.9	5.1	.9	2.3	4.4	7.6
22:00	1.8	4.2	2.0	4.2	.9	1.9	5.0	6.4
23:00	1.2	3.9	1.3	3.9	.6	1.8	4.4	7.1
Avg	5.2	5.2	3.3	6.6	1.5	3.0	9.6	13.4
Max	5.4	13.1	5.8	13.3	2.6	5.9	17.2	24.7
Hr. of Max	11	08	11	08	11	08	07	07
Min	.4	1.9	.8	2.2	.3	1.0	4.4	5.5
Count	24	24	24	24	24	24	24	24
Total								