Date Printed: 03/06/2015 08:21

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

Daily Summary Report

Site: Tower "K" (1208)

3/5/2015

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	DEGC	DEGC	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	4.8	4.4	40.6	39.9	-.4	4.7	40.4	100.1	6.7
01:00	4.2	3.7	39.5	38.7	-.4	4.1	39.3	100.1	6.4
02:00	4.0	3.7	39.2	38.6	-.3	3.9	39.0	100.1	6.3
03:00	3.6	3.2	38.4	37.7	-.4	3.5	38.2	100.1	6.1
04:00	2.9	2.5	37.2	36.5	-.3	2.8	37.0	100.1	5.9
05:00	2.9	2.6	37.2	36.6	-.3	2.8	37.0	100.1	5.9
06:00	2.7	2.3	36.9	36.2	-.4	2.6	36.7	100.1	5.8
07:00	2.3	2.0	36.2	35.6	-.3	2.2	36.0	100.1	5.6
08:00	1.6	1.2	34.9	34.2	-.4	1.5	34.7	100.1	5.4
09:00	.9	.5	33.6	33.0	-.4	.8	33.4	100.0	5.1
10:00	.2	-.1	32.4	31.9	-.3	.1	32.2	100.0	4.9
11:00	-.4	-.7	31.4	30.7	-.4	-.4	31.2	100.0	4.7
12:00	-.5	-1.1	31.0	30.0	-.6	-.6	30.8	99.9	4.6
13:00	-.6	-1.3	30.9	29.6	-.7	-.7	30.7	99.5	4.6
14:00	-1.1 P	-1.9 P	30.0 P	28.6 P	-.8 P	P	P	95.3 P	4.2 P
15:00	-2.0	-2.7	28.4	27.1	-.8	-3.1	26.4	92.3	3.9
16:00	-2.5	-3.2	27.6	26.3	-.7	-3.4	25.9	93.8	3.8
17:00	-2.7	-3.3	27.1	26.1	-.6	-3.4	25.8	95.2	3.8
18:00	-2.6	-3.3	27.2	26.1	-.6	-4.9	23.2	85.1	3.4
19:00	-3.4	-4.0	25.9	24.9	-.6	-5.7	21.8	84.6	3.2
20:00	-4.0	-4.5	24.7	23.9	-.4	-6.3	20.7	84.7	3.1
21:00	-4.9	-5.1	23.2	22.7	-.3	-6.6	20.1	88.0	3.0
22:00	-5.7	-5.8	21.7	21.6	-.1	-7.1	19.2	90.0	2.9
23:00	-6.2	-6.4	20.9	20.5	-.2	-7.9	17.7	87.6	2.7
Avg	-.3	-.7	31.5	30.7	-.4	-.9	30.3	95.7	4.7
Max	4.8	4.4	40.6	39.9	-.1	4.7	40.4	100.1	6.7
Hr. of Max	00	00	00	00	22	00	00	08	00
Min	-6.2	-6.4	20.9	20.5	-.8	-7.9	17.7	84.6	2.7
Count	24	24	24	24	24	23	23	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	0.0055	0.0055	8.5	8.6	2479872.3	.3	.01	.01	-3.7
01:00	0.0052	0.0052	8.2	8.2	2481386.6	.8	.03	.03	-3.7
02:00	0.0052	0.0051	8.1	8.1	2481832.2	.3	.01	.01	-3.7
03:00	0.005	0.005	7.8	7.9	2482797.2	5.3	.21	.21	-3.8
04:00	0.0048	0.0048	7.5	7.5	2484465.2	2.3	.09	.09	-3.8
05:00	0.0048	0.0048	7.5	7.5	2484389.5	1.3	.05	.05	-3.8
06:00	0.0047	0.0047	7.4	7.4	2484847.0	1.0	.04	.04	-3.8
07:00	0.0046	0.0046	7.2	7.2	2485774.0	.5	.02	.02	-.2
08:00	0.0043	0.0043	6.8	6.9	2487479.7	3.6	.14	.14	12.0
09:00	0.0041	0.0041	6.5	6.5	2489167.9	2.5	.10	.10	13.9
10:00	0.0039	0.0039	6.2	6.2	2490790.8	3.6	.14	.14	31.1
11:00	0.0037	0.0037	5.9	6.0	2492109.5	.8	.03	.03	52.4
12:00	0.0037	0.0037	5.8	5.9	2492547.4	.0	.00	.00	81.4
13:00	0.0037	0.0037	5.8	5.9	2492665.8	.0	.00	.00	94.2
14:00	0.0034 P	0.0035 P	5.3 P	5.6 P	2493927.7 P	.0	.00	.00	63.1 P
15:00	0.0031	0.0033	4.9	5.3	2495964.7	.0	.00	.00	44.1
16:00	0.003	0.0032	4.8	5.1	2497120.6	.1	.00	.00	32.6
17:00	0.003	0.0031	4.7	5.0	2497679.7	.3	.01	.01	13.3
18:00	0.0027	0.0031	4.3	5.0	2497544.4	.0	.00	.00	11.7
19:00	0.0025	0.003	4.0	4.8	2499286.6	.0	.00	.00	-3.9
20:00	0.0024	0.0028	3.8	4.5	2500829.7	.0	.00	.00	-3.9
21:00	0.0023	0.0026	3.7	4.2	2502888.9	.0	.00	.00	-3.6
22:00	0.0022	0.0025	3.6	4.0	2504798.8	.0	.00	.00	-4.1
23:00	0.0021	0.0024	3.4	3.8	2505919.7	.0	.00	.00	-4.0
Avg	0.0037	0.0039	5.9	6.1	2491920.2	.9	.04	.04	16.8
Max	0.0055	0.0055	8.5	8.6	2505919.7	5.3	.21	.21	94.2
Hr. of Max	00	00	00	00	23	03	03	03	13
Min	0.0021	0.0024	3.4	3.8	2479872.3	.0	.00	.00	-4.1
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	-.01	29.00	982.2	289	286	282	286	35	12
01:00	-.01	29.00	982.2	321	309	313	313	28	14
02:00	-.01	28.99	981.6	339	344	333	339	38	42
03:00	-.01	28.99	981.8	314	317	289	311	44	27
04:00	-.01	29.02	982.7	297	314	295	313	58	31
05:00	-.01	29.02	982.8	61	53	75	59	41	26
06:00	-.01	29.04	983.5	3	22	340	23	77	39
07:00	.00	29.05	983.6	332	342	330	327	44	49
08:00	.02	29.09	985.0	335	324	336	324	22	13
09:00	.02	29.15	987.0	302	296	298	295	24	13
10:00	.04	29.17	987.7	293	299	291	296	28	15
11:00	.08	29.17	987.8	303	300	297	298	27	14
12:00	.12	29.17	987.8	311	302	309	303	21	8
13:00	.14	29.19	988.6	304	298	302	299	19	9
14:00	.09 P	29.23 P	989.8 P	302 P	298 P	300 P	299 P	20 P	11 P
15:00	.06	29.29	991.8	292	290	290	291	18	10
16:00	.05	29.33	993.1	319	311	309	311	21	12
17:00	.02	29.37	994.6	359	7	360	6	28	25
18:00	.02	29.40	995.6	359	4	0	3	20	29
19:00	-.01	29.43	996.6	359	359	359	358	22	24
20:00	-.01	29.46	997.5	8	18	7	19	32	17
21:00	-.01	29.47	997.9	32	39	31	39	40	11
22:00	-.01	29.48	998.3	64	42	64	42	50	8
23:00	-.01	29.49	998.6	87	70	88	71	14	6
Avg	.02	29.21	989.1	335	336	0	0	32	19
Max	.14	29.49	998.6	359	359	360	358	77	49
Hr. of Max	13	23	23	19	19	17	19	06	07
Min	-.01	28.99	981.6	3	4	0	3	14	6
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	1.5	2.5	1.6	2.6	.7	1.2	5.3	6.6
01:00	1.8	5.9	2.2	6.4	1.0	2.9	5.7	12.6
02:00	.5	3.3	1.2	3.9	.5	1.8	3.4	10.3
03:00	2.2	3.7	3.1	5.6	1.4	2.5	12.6	16.3
04:00	1.3	2.8	1.9	3.3	.9	1.5	7.8	9.4
05:00	1.5	3.8	1.7	4.3	.8	1.9	7.1	11.7
06:00	.4	1.9	1.3	3.5	.6	1.6	6.2	8.5
07:00	1.0	3.3	1.3	3.8	.6	1.7	8.5	15.3
08:00	2.2	8.2	2.4	8.5	1.1	3.8	8.0	17.4
09:00	2.5	6.3	2.7	6.4	1.2	2.9	8.2	13.3
10:00	1.7	3.2	1.9	3.3	.8	1.5	6.4	8.5
11:00	2.7	5.4	3.0	5.5	1.3	2.5	8.7	12.8
12:00	3.4	8.9	3.7	9.0	1.7	4.0	10.8	16.0
13:00	4.7	11.9	5.0	12.0	2.2	5.4	13.3	19.5
14:00	4.2 P	9.9 P	4.4 P	10.0 P	2.0 P	4.5 P	<	<
15:00	4.5	8.4	4.8	8.6	2.2	3.9	10.8	16.9
16:00	2.7	7.7	3.0	8.2	1.3	3.7	10.3	14.2
17:00	2.2	6.7	2.4	7.4	1.1	3.3	9.6	15.8
18:00	3.4	9.6	3.7	11.0	1.6	4.9	12.4	18.3
19:00	2.8	8.8	3.1	9.7	1.4	4.3	10.1	21.3
20:00	1.8	7.4	2.1	7.7	.9	3.5	12.6	17.2
21:00	1.1	6.8	1.4	6.9	.6	3.1	5.3	11.2
22:00	.7	5.5	1.0	5.5	.4	2.5	3.9	8.5
23:00	3.3	6.9	3.4	7.0	1.5	3.1	7.6	10.1
Avg	2.9	2.9	2.6	6.6	1.2	3.0	8.5	13.6
Max	4.7	11.9	5.0	12.0	2.2	5.4	13.3	21.3
Hr. of Max	13	13	13	13	15	13	13	19
Min	.4	1.9	1.0	2.6	.4	1.2	3.4	6.6
Count	24	24	24	24	24	24	23	23
Total								