Date Printed: 02/21/2015 04:41

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

Daily Summary Report

Site: Tower "K" (1208)

2/20/2015

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	-13.9	-13.6	6.9	7.4	.3	-17.0	1.3	77.5	1.3
01:00	-14.8	-14.0	5.4	6.8	.8	-18.1	-.5	76.3	1.2
02:00	-15.8	-14.8	3.6	5.4	1.0	-17.8	-.1	84.6	1.3
03:00	-15.6	-15.1	3.9	4.9	.6	-17.4	.6	86.2	1.3
04:00	-16.1	-15.3	3.0	4.5	.9	-18.0	-.3	85.9	1.3
05:00	-16.6	-15.3	2.0	4.5	1.3	-18.5	-1.3	85.9	1.2
06:00	-17.0	-15.9	1.3	3.3	1.1	-18.7	-1.7	86.8	1.2
07:00	-16.7	-15.7	1.9	3.8	1.1	-18.5	-1.3	86.2	1.2
08:00	-14.8	-14.9	5.4	5.1	-.1	-19.6	-3.2	68.4	1.1
09:00	-12.4	-13.1	9.7	8.4	-.7	-20.2	-4.4	52.5	1.0
10:00	-10.3	-11.0	13.5	12.2	-.7	-22.5	-8.4	36.5	.8
11:00	-8.5	-9.2	16.7	15.4	-.7	-21.4	-6.6	34.8	.9
12:00	-6.8	-7.8	19.8	17.9	-1.1	-19.3	-2.7	36.6	1.1
13:00	-5.8	-6.7	21.5	20.0	-.8	-17.7	.2	39.0	1.3
14:00	-4.6	-5.7	23.8	21.8	-1.1	-16.8	1.7	38.2	1.3
15:00	-4.3	-4.9	24.3	23.2	-.6	-14.1	6.6	46.8	1.7
16:00	-4.1	-4.8	24.7	23.4	-.7	-11.6	11.1	56.3	2.0
17:00	-4.4	-5.0	24.2	23.0	-.6	-9.2	15.4	69.2	2.5
18:00	-4.6	-5.1	23.8	22.9	-.5	-8.5	16.6	74.0	2.6
19:00	-4.7	-5.2	23.6	22.7	-.5	-8.0	17.6	77.7	2.7
20:00	-4.6	-5.2	23.7	22.7	-.5	-7.8	18.0	79.1	2.8
21:00	-4.9	-5.4	23.2	22.3	-.5	-6.8	19.7	86.5	3.0
22:00	-5.1	-5.6	22.8	22.0	-.4	-6.1	21.1	93.5	3.1
23:00	-5.0	-5.5	23.0	22.2	-.5	-5.6	21.9	95.5	3.2
Avg	-9.6	-9.8	14.7	14.4	-.1	-15.0	5.1	68.9	1.7
Max	-4.1	-4.8	24.7	23.4	1.3	-5.6	21.9	95.5	3.2
Hr. of Max	16	16	16	16	05	23	23	23	23
Min	-17.0	-15.9	1.3	3.3	-1.1	-22.5	-8.4	34.8	.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	0.001	0.0013	1.6	2.1	2524325.0	.0	.00	.00	-4.4
01:00	0.0009	0.0012	1.5	1.9	2526391.8	.0	.00	.00	-4.4
02:00	0.0009	0.0011	1.5	1.8	2528746.3	.0	.00	.00	-4.4
03:00	0.001	0.0011	1.6	1.8	2528371.2	.0	.00	.00	-4.5
04:00	0.0009	0.0011	1.5	1.7	2529555.0	.0	.00	.00	-4.2
05:00	0.0009	0.001	1.4	1.7	2530783.8	.0	.00	.00	-4.8
06:00	0.0009	0.001	1.4	1.6	2531692.4	.0	.00	.00	-4.6
07:00	0.0009	0.001	1.4	1.6	2530981.9	.0	.00	.00	14.3
08:00	0.0008	0.0012	1.3	1.9	2526375.9	.0	.00	.00	123.8
09:00	0.0008	0.0015	1.2	2.4	2520669.5	.0	.00	.00	245.9
10:00	0.0006	0.0017	1.0	2.8	2515667.2	.0	.00	.00	524.3
11:00	0.0007	0.002	1.1	3.2	2511490.3	.0	.00	.00	575.9
12:00	0.0008	0.0023	1.3	3.7	2507351.6	.0	.00	.00	472.9
13:00	0.001	0.0025	1.5	4.0	2505054.9	.0	.00	.00	428.7
14:00	0.001	0.0027	1.7	4.3	2502122.6	.0	.00	.00	433.0
15:00	0.0013	0.0028	2.1	4.5	2501394.3	.0	.00	.00	198.7
16:00	0.0016	0.0028	2.5	4.5	2500930.5	.0	.00	.00	78.1
17:00	0.0019	0.0028	3.1	4.4	2501604.2	.0	.00	.00	16.4
18:00	0.002	0.0027	3.2	4.4	2502103.7	.0	.00	.00	-2.9
19:00	0.0021	0.0027	3.3	4.3	2502304.5	.0	.00	.00	-4.0
20:00	0.0021	0.0027	3.4	4.3	2502270.4	.0	.00	.00	-4.0
21:00	0.0023	0.0027	3.7	4.2	2502861.1	.0	.00	.00	-3.9
22:00	0.0024	0.0026	3.9	4.2	2503462.0	.0	.00	.00	-4.0
23:00	0.0025	0.0026	4.0	4.2	2503085.3	.0	.00	.00	-4.0
Avg	0.0013	0.002	2.1	3.1	2514149.8	.0	.00	.00	127.4
Max	0.0025	0.0028	4.0	4.5	2531692.4	.0	.00	.00	575.9
Hr. of Max	23	17	23	16	06	23	23	23	11
Min	0.0006	0.001	1.0	1.6	2500930.5	.0	.00	.00	-4.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	29.44	997.0	169	298	169	298	59	26
01:00	-.01	29.44	997.1	65	7	65	33	39	47
02:00	-.01	29.45	997.5	194	298	194	296	60	13
03:00	-.01	29.47	997.9	198	324	198	324	27	10
04:00	-.01	29.48	998.2	146	341	146	50	43	33
05:00	-.01	29.49	998.6	128	59	128	57	60	24
06:00	-.01	29.49	998.7	194	53	194	57	35	17
07:00	.02	29.49	998.7	250	57	250	53	40	22
08:00	.18	29.50	998.9	287	46	287	60	69	35
09:00	.35	29.47	998.1	44	47	44	54	72	35
10:00	.75	29.44	997.0	48	50	41	49	52	17
11:00	.83	29.42	996.3	112	87	102	96	62	56
12:00	.68	29.40	995.5	149	121	142	109	68	68
13:00	.61	29.36	994.3	205	155	192	155	61	65
14:00	.62	29.34	993.6	185	172	181	158	68	60
15:00	.28	29.33	993.2	240	224	242	232	32	24
16:00	.11	29.33	993.3	190	189	190	189	30	23
17:00	.02	29.33	993.2	182	185	181	185	25	19
18:00	.00	29.33	993.1	165	176	164	175	29	26
19:00	-.01	29.32	992.9	123	107	109	105	30	22
20:00	-.01	29.32	992.9	146	142	146	143	17	14
21:00	-.01	29.32	992.8	127	152	127	145	22	54
22:00	-.01	29.30	992.4	108	61	68	79	60	38
23:00	-.01	29.29	992.0	34	38	39	36	63	29
Avg	.18	29.40	995.6	157	85	0	0	47	32
Max	.83	29.50	998.9	287	341	287	324	72	68
Hr. of Max	11	08	08	08	04	08	03	09	12
Min	-.01	29.29	992.0	34	7	39	33	17	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	-999.0	1.5	1.3	1.9	.6	.9	3.2	5.5
01:00	-999.0	.8	1.1	.8	.5	.4	3.9	3.7
02:00	-999.0	1.7	.9	1.7	.4	.8	1.8	4.1
03:00	-999.0	1.3	1.3	1.3	.6	.6	2.3	3.0
04:00	-999.0	.2	1.0	.2	.4	.1	2.7	1.8
05:00	-999.0	2.4	1.2	2.5	.5	1.1	3.7	4.4
06:00	-999.0	3.1	.5	3.1	.2	1.4	2.3	6.2
07:00	-999.0	4.7	1.1	4.7	.5	2.1	3.9	8.2
08:00	-999.0	1.9	1.2	2.1	.5	1.0	5.0	6.4
09:00	-999.0	2.7	3.4	2.9	1.5	1.3	7.8	7.8
10:00	.9	3.8	3.2	4.0	1.4	1.8	9.2	8.9
11:00	1.5	2.2	2.5	3.0	1.1	1.4	8.0	10.1
12:00	1.0	1.4	2.0	2.6	.9	1.2	7.1	7.8
13:00	1.2	1.3	2.1	2.5	.9	1.1	7.3	8.5
14:00	1.0	1.6	2.4	2.5	1.1	1.1	7.8	8.2
15:00	1.6	2.0	2.6	2.7	1.2	1.2	6.6	6.9
16:00	2.8	3.6	3.3	3.9	1.5	1.8	8.0	8.0
17:00	2.6	3.9	2.9	4.1	1.3	1.8	6.4	7.6
18:00	1.4	1.8	1.9	2.2	.8	1.0	4.1	4.6
19:00	1.3	1.6	1.4	1.7	.6	.8	4.6	4.1
20:00	1.6	2.2	1.6	2.2	.7	1.0	3.4	3.9
21:00	.7	.7	.7	.7	.3	.4	2.5	3.9
22:00	.4	.8	.6	.9	.3	.4	2.7	2.7
23:00	.6	1.4	.9	1.7	.4	.8	3.0	3.2
Avg	2.1	2.1	1.7	2.3	.8	1.1	4.9	5.8
Max	2.8	4.7	3.4	4.7	1.5	2.1	9.2	10.1
Hr. of Max	16	07	09	07	16	07	10	11
Min	-999.0	.2	.5	.2	.2	.1	1.8	1.8
Count	24	24	24	24	24	24	24	24
Total								