Date Printed: 02/24/2015 07:50

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

Daily Summary Report

Site: Tower "K" (1208)

2/23/2015

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	1.6	1.7	34.9	35.1	.1	.9	33.6	95.5	5.1
01:00	1.4	1.4	34.6	34.6	.0	.6	33.0	94.7	5.0
02:00	1.2	1.4	34.2	34.5	.2	.4	32.8	94.9	5.0
03:00	1.0	1.1	33.8	33.9	.1	.6	33.1	98.2	4.8
04:00	1.1	1.1	33.9	34.0	.1	.4	32.8	96.2	4.6
05:00	.9	1.0	33.6	33.8	.1	.4	32.7	97.0	4.4
06:00	.7	.6	33.3	33.1	-.1	-.3	31.5	93.6	4.2
07:00	.5	.2	32.9	32.3	-.3	-1.4	29.4	87.4	4.0
08:00	.4	-.1	32.7	31.8	-.5	-2.6	27.3	80.9	3.8
09:00	1.0	.3	33.7	32.6	-.7	-4.1	24.7	69.7	3.6
10:00	2.1	1.3	35.7	34.3	-.8	-6.8	19.8	52.3	2.9
11:00	2.8	2.0	37.1	35.6	-.8	-7.3	18.9	47.7	2.8
12:00	3.0	2.1	37.4	35.8	-.9	-8.0	17.6	44.6	2.6
13:00	2.7	1.7	36.8	35.0	-1.0	-8.5	16.8	44.1	2.6
14:00	2.4	1.4	36.3	34.5	-1.0	-9.7	14.5	40.7	2.3
15:00	1.2	.4	34.2	32.8	-.8	-8.5	16.7	48.7	2.6
16:00	.4	-.2	32.7	31.6	-.6	-9.0	15.9	49.9	2.5
17:00	.1	-.5	32.2	31.2	-.6	-9.5	14.9	48.9	2.4
18:00	-.7	-1.0	30.8	30.2	-.3	-8.7	16.3	55.0	2.5
19:00	-1.5	-1.9	29.2	28.6	-.3	-10.4	13.3	51.3	2.2
20:00	-1.5	-2.0	29.3	28.5	-.4	-12.6	9.4	43.2	1.9
21:00	-1.7	-2.2	28.9	28.1	-.5	-12.1	10.3	45.4	1.9
22:00	-2.0	-2.4	28.4	27.6	-.4	-11.9	10.6	47.0	2.0
23:00	-2.2	-2.6	28.0	27.3	-.4	-11.5	11.2	49.2	2.0
Avg	.6	.2	33.1	32.4	-.4	-5.8	21.5	65.7	3.2
Max	3.0	2.1	37.4	35.8	.2	.9	33.6	98.2	5.1
Hr. of Max	12	12	12	12	02	00	00	03	00
Min	-2.2	-2.6	28.0	27.3	-1.0	-12.6	9.4	40.7	1.9
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	0.0041	0.0043	6.5	6.9	2487426.4	.0	.00	.00	-3.8
01:00	0.004	0.0042	6.4	6.8	2487861.0	.0	.00	.00	-3.9
02:00	0.004	0.0042	6.3	6.7	2488304.5	.0	.00	.00	-3.8
03:00	0.004	0.0041	6.4	6.6	2488952.8	.0	.00	.00	-3.9
04:00	0.004	0.0041	6.3	6.6	2488706.5	.0	.00	.00	-3.8
05:00	0.004	0.0041	6.3	6.5	2489162.0	.0	.00	.00	-3.9
06:00	0.0038	0.004	6.0	6.4	2489596.5	.0	.00	.00	-3.8
07:00	0.0035	0.004	5.5	6.3	2490102.5	.0	.00	.00	4.9
08:00	0.0032	0.0039	5.1	6.3	2490386.3	.0	.00	.00	78.5
09:00	0.0029	0.0041	4.5	6.6	2488959.5	.0	.00	.00	270.9
10:00	0.0023	0.0044	3.7	7.1	2486326.1	.0	.00	.00	535.5
11:00	0.0022	0.0047	3.6	7.5	2484517.2	.0	.00	.00	600.7
12:00	0.0021	0.0047	3.4	7.6	2484128.9	.0	.00	.00	699.4
13:00	0.002	0.0046	3.3	7.4	2484893.3	.0	.00	.00	619.6
14:00	0.0019	0.0046	2.9	7.3	2485528.7	.0	.00	.00	452.2
15:00	0.002	0.0042	3.2	6.7	2488353.6	.0	.00	.00	197.6
16:00	0.002	0.0039	3.1	6.3	2490393.1	.0	.00	.00	154.7
17:00	0.0019	0.0039	3.0	6.2	2490979.6	.0	.00	.00	82.6
18:00	0.002	0.0036	3.2	5.8	2492907.9	.0	.00	.00	2.7
19:00	0.0018	0.0034	2.8	5.5	2494943.2	.0	.00	.00	-4.0
20:00	0.0015	0.0034	2.4	5.5	2494890.2	.0	.00	.00	-4.0
21:00	0.0015	0.0034	2.4	5.4	2495321.6	.0	.00	.00	-4.1
22:00	0.0016	0.0033	2.5	5.3	2495970.5	.0	.00	.00	-4.0
23:00	0.0016	0.0033	2.5	5.2	2496501.1	.0	.00	.00	-4.0
Avg	0.0027	0.004	4.2	6.4	2489796.4	.0	.00	.00	152.2
Max	0.0041	0.0047	6.5	7.6	2496501.1	.0	.00	.00	699.4
Hr. of Max	00	12	00	12	23	23	23	23	12
Min	0.0015	0.0033	2.4	5.2	2484128.9	.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	29.32	992.8	252	336	223	136	49	36
01:00	-.01	29.32	993.1	313	285	306	296	27	10
02:00	-.01	29.31	992.6	63	31	75	25	36	19
03:00	-.01	29.31	992.4	335	28	306	27	64	22
04:00	-.01	29.32	993.1	166	65	141	107	60	49
05:00	-.01	29.35	993.9	73	67	41	42	60	33
06:00	-.01	29.36	994.4	16	41	14	41	50	9
07:00	.01	29.37	994.5	16	33	16	33	33	13
08:00	.11	29.38	995.1	30	44	32	43	40	12
09:00	.39	29.38	994.9	56	55	65	55	40	14
10:00	.77	29.36	994.4	58	53	67	54	41	16
11:00	.86	29.37	994.5	42	46	50	47	45	20
12:00	1.00	29.36	994.2	27	36	29	37	37	20
13:00	.89	29.34	993.6	27	35	31	36	41	17
14:00	.65	29.35	993.8	21	32	26	33	41	20
15:00	.28	29.37	994.5	7	16	8	17	29	18
16:00	.22	29.38	994.9	355	360	355	359	20	27
17:00	.12	29.38	994.9	9	14	5	11	33	23
18:00	.00	29.36	994.3	58	50	72	56	25	17
19:00	-.01	29.35	994.1	67	57	67	57	37	10
20:00	-.01	29.35	993.8	56	54	57	54	41	9
21:00	-.01	29.32	992.9	44	49	42	49	51	12
22:00	-.01	29.30	992.2	31	42	34	43	45	11
23:00	-.01	29.26	991.0	36	46	45	46	48	10
Avg	.22	29.34	993.7	31	36	0	0	41	19
Max	1.00	29.38	995.1	355	360	355	359	64	49
Hr. of Max	12	17	08	16	16	16	16	03	04
Min	-.01	29.26	991.0	7	14	5	11	20	9
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	.3	.3	1.2	1.4	.5	.7	3.7	5.5
01:00	.6	4.1	1.4	5.0	.6	2.3	3.4	9.2
02:00	1.1	3.2	1.5	3.6	.7	1.6	3.4	8.0
03:00	.1	3.0	.6	3.1	.3	1.4	2.1	6.4
04:00	.4	.7	1.2	.9	.5	.4	3.9	3.7
05:00	.5	1.8	.8	2.3	.4	1.1	2.7	9.2
06:00	.7	6.3	.9	6.4	.4	2.9	5.0	11.0
07:00	1.5	6.9	1.7	7.1	.8	3.2	6.2	13.3
08:00	1.2	6.3	1.5	6.4	.7	2.9	6.0	11.7
09:00	2.8	8.6	3.4	8.8	1.5	4.0	12.8	15.8
10:00	3.1	8.9	3.9	9.3	1.7	4.2	11.9	16.5
11:00	2.7	8.1	3.4	8.5	1.5	3.8	11.2	16.9
12:00	2.8	8.6	3.7	9.6	1.7	4.3	11.4	17.6
13:00	3.1	10.8	4.0	11.3	1.8	5.1	13.5	20.8
14:00	2.6	10.2	3.4	10.7	1.5	4.8	15.6	19.0
15:00	3.1	10.4	3.4	11.0	1.5	4.9	10.8	17.4
16:00	3.5	9.7	3.7	10.9	1.7	4.9	11.7	15.6
17:00	2.0	6.8	2.2	7.6	1.0	3.4	8.9	14.4
18:00	2.4	6.4	2.8	7.1	1.3	3.2	9.4	13.1
19:00	2.2	9.3	2.5	9.4	1.1	4.2	9.2	16.3
20:00	2.2	10.4	2.7	10.5	1.2	4.7	9.8	17.9
21:00	1.5	8.7	2.0	8.9	.9	4.0	9.4	16.3
22:00	1.6	8.6	2.1	8.7	.9	3.9	8.5	13.5
23:00	1.6	9.1	2.1	9.2	.9	4.1	7.3	15.8
Avg	3.1	3.1	2.3	7.4	1.0	3.3	8.2	13.5
Max	3.5	10.8	4.0	11.3	1.8	5.1	15.6	20.8
Hr. of Max	16	13	13	13	13	13	14	13
Min	.1	.3	.6	.9	.3	.4	2.1	3.7
Count	24	24	24	24	24	24	24	24
Total								