Date Printed: 02/28/2015 08:36

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

Daily Summary Report

Site: Tower "K" (1208)

2/27/2015

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	1.3	34.8	34.3	-.3	-5.2	22.6	61.0	3.3
01:00	.9	.6	33.6	33.0	-.3	-5.2	22.6	63.9	3.3
02:00	-.1	-.6	31.7	31.0	-.4	-5.0	23.1	70.5	3.4
03:00	-1.2	-1.6	29.8	29.0	-.4	-5.2	22.7	74.8	3.3
04:00	-2.2	-2.6	28.1	27.3	-.4	-5.5	22.1	78.3	3.2
05:00	-2.7	-3.2	27.2	26.3	-.5	-6.0	21.2	78.3	3.1
06:00	-3.4	-3.8	25.9	25.1	-.5	-6.6	20.2	78.9	3.0
07:00	-4.0	-4.5	24.9	23.8	-.6	-7.3	18.8	77.9	2.8
08:00	-4.0	-4.6	24.8	23.7	-.6	-8.7	16.3	69.9	2.5
09:00	-3.6	-4.1	25.5	24.7	-.5	-11.2	11.8	56.4	2.1
10:00	-2.2	-2.6	28.0	27.2	-.4	-12.8	8.9	44.4	1.8
11:00	-.9	-1.8	30.4	28.7	-.9	-12.5	9.5	41.4	1.9
12:00	-.1	-.4	31.8	31.3	-.3	-12.0	10.3	40.6	1.9
13:00	.9	.5	33.7	32.9	-.5	-13.2	8.2	34.3	1.8
14:00	1.8	1.4	35.2	34.6	-.3	-14.4	6.0	29.3	1.6
15:00	2.9	1.6	37.2	34.9	-1.3	-13.5	7.7	29.3	1.7
16:00	2.2	1.3	36.0	34.4	-.9	-13.3	8.1	31.1	1.8
17:00	1.9	1.1	35.4	34.0	-.8	-13.5	7.7	31.4	1.7
18:00	.1	-.2	32.3	31.7	-.3	-12.5	9.6	38.7	1.9
19:00	-1.2	-1.1	29.9	30.0	.0	-12.0	10.4	44.1	2.0
20:00	-1.8	-1.8	28.8	28.8	.1	-12.3	9.9	45.0	1.9
21:00	-2.3	-2.0	27.8	28.5	.4	-11.8	10.7	48.5	2.0
22:00	-2.5	-2.4	27.6	27.7	.1	-11.5	11.2	50.0	2.0
23:00	-2.7	-2.7	27.1	27.2	.1	-11.5	11.4	51.4	2.1
Avg	-.9	-1.3	30.3	29.6	-.4	-10.1	13.8	52.9	2.3
Max	2.9	1.6	37.2	34.9	.4	-5.0	23.1	78.9	3.4
Hr. of Max	15	15	15	15	21	02	02	06	02
Min	-4.0	-4.6	24.8	23.7	-1.3	-14.4	6.0	29.3	1.6
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	0.0026	0.0043	4.2	6.8	2487552.6	.0	.00	.00	-3.8
01:00	0.0026	0.0041	4.2	6.5	2489103.2	.0	.00	.00	-3.8
02:00	0.0027	0.0038	4.2	6.0	2491620.5	.0	.00	.00	-3.8
03:00	0.0026	0.0035	4.2	5.6	2494143.0	.0	.00	.00	-3.9
04:00	0.0026	0.0033	4.1	5.2	2496399.9	.0	.00	.00	-3.9
05:00	0.0025	0.0031	3.9	5.0	2497602.6	.0	.00	.00	-3.9
06:00	0.0023	0.003	3.7	4.8	2499267.9	.0	.00	.00	-3.9
07:00	0.0022	0.0028	3.5	4.6	2500691.9	.0	.00	.00	17.9
08:00	0.002	0.0028	3.2	4.5	2500741.8	.0	.00	.00	121.0
09:00	0.0016	0.0029	2.6	4.7	2499811.6	.0	.00	.00	344.3
10:00	0.0014	0.0032	2.3	5.2	2496486.0	.0	.00	.00	603.8
11:00	0.0015	0.0036	2.4	5.7	2493390.2	.0	.00	.00	742.9
12:00	0.0015	0.0038	2.5	6.1	2491506.4	.0	.00	.00	792.4
13:00	0.0014	0.0041	2.2	6.5	2489039.7	.0	.00	.00	778.9
14:00	0.0013	0.0043	2.0	6.9	2487078.7	.0	.00	.00	718.4
15:00	0.0014	0.0047	2.2	7.5	2484430.1	.0	.00	.00	586.7
16:00	0.0014	0.0045	2.2	7.2	2485934.6	.0	.00	.00	307.2
17:00	0.0014	0.0044	2.2	7.0	2486778.5	.0	.00	.00	137.3
18:00	0.0015	0.0039	2.4	6.2	2490921.1	.0	.00	.00	8.7
19:00	0.0015	0.0035	2.5	5.6	2494055.8	.0	.00	.00	-3.9
20:00	0.0015	0.0033	2.4	5.4	2495542.3	.0	.00	.00	-3.9
21:00	0.0016	0.0032	2.5	5.1	2496819.1	.0	.00	.00	-3.9
22:00	0.0016	0.0032	2.5	5.1	2497095.3	.0	.00	.00	-3.9
23:00	0.0016	0.0031	2.6	5.0	2497777.0	.0	.00	.00	-4.0
Avg	0.0018	0.0036	2.9	5.8	2493491.2	.0	.00	.00	213.0
Max	0.0027	0.0047	4.2	7.5	2500741.8	.0	.00	.00	792.4
Hr. of Max	02	15	03	15	08	23	23	23	12
Min	0.0013	0.0028	2.0	4.5	2484430.1	.0	.00	.00	-4.0
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	29.22	989.6	309	304	307	304	18	9
01:00	-.01	29.23	989.8	312	304	310	304	20	9
02:00	-.01	29.25	990.5	315	305	312	305	21	9
03:00	-.01	29.28	991.5	307	300	305	300	20	8
04:00	-.01	29.31	992.7	313	306	310	307	21	9
05:00	-.01	29.35	993.8	322	316	321	317	19	12
06:00	-.01	29.38	994.9	304	299	301	299	20	10
07:00	.03	29.41	996.0	304	299	301	299	22	9
08:00	.17	29.44	997.1	314	306	313	307	25	12
09:00	.49	29.46	997.6	300	294	295	295	21	10
10:00	.87	29.46	997.6	251	344	259	314	35	31
11:00	1.07	29.46	997.6	207	211	213	219	66	59
12:00	1.14	29.45	997.5	311	298	292	290	48	48
13:00	1.12	29.44	996.9	309	315	306	310	57	64
14:00	1.03	29.42	996.3	300	305	293	299	40	32
15:00	.84	29.42	996.4	101	85	99	84	59	34
16:00	.44	29.43	996.7	59	57	64	58	39	18
17:00	.20	29.44	997.0	65	57	70	58	31	12
18:00	.01	29.46	997.7	65	60	70	60	33	8
19:00	-.01	29.49	998.7	78	58	78	58	52	6
20:00	-.01	29.51	999.4	41	51	45	51	57	7
21:00	-.01	29.53	1000.1	20	37	7	37	51	6
22:00	-.01	29.55	1000.6	47	49	56	49	57	5
23:00	-.01	29.55	1000.6	56	48	44	48	67	6
Avg	.30	29.41	996.1	339	341	0	0	37	18
Max	1.14	29.55	1000.6	322	344	321	317	67	64
Hr. of Max	12	23	23	05	10	05	05	23	13
Min	-.01	29.22	989.6	20	37	7	37	18	5
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	3.0	8.2	3.1	8.2	1.4	3.7	7.1	14.2
01:00	2.6	8.3	2.7	8.3	1.2	3.7	8.2	14.4
02:00	3.0	10.2	3.2	10.3	1.4	4.6	11.7	18.8
03:00	3.2	9.8	3.4	9.9	1.5	4.4	8.7	16.0
04:00	3.2	9.2	3.5	9.3	1.6	4.2	11.7	17.2
05:00	2.7	8.4	2.9	8.6	1.3	3.9	8.5	16.3
06:00	3.4	8.2	3.6	8.3	1.6	3.7	9.8	15.6
07:00	2.6	7.4	2.8	7.5	1.3	3.4	8.5	11.7
08:00	2.4	7.0	2.6	7.1	1.2	3.2	8.2	12.8
09:00	3.1	6.2	3.4	6.3	1.5	2.8	8.9	9.8
10:00	.9	.7	3.9	3.8	1.7	1.7	8.7	8.7
11:00	1.6	1.6	2.6	2.2	1.2	1.0	7.3	8.2
12:00	1.6	2.0	3.3	3.1	1.5	1.4	9.2	11.2
13:00	1.0	1.7	2.5	3.0	1.1	1.4	8.5	9.4
14:00	2.9	3.6	3.5	4.1	1.6	1.8	9.2	12.1
15:00	2.9	5.3	4.2	6.3	1.9	2.8	14.0	14.0
16:00	3.0	7.4	3.6	7.8	1.6	3.5	10.5	13.7
17:00	2.8	7.9	3.2	8.1	1.4	3.6	10.8	13.1
18:00	2.6	10.1	2.9	10.1	1.3	4.6	9.6	15.3
19:00	1.6	9.9	1.9	10.0	.9	4.5	7.3	14.2
20:00	1.0	10.1	1.5	10.1	.7	4.6	6.9	15.3
21:00	.7	9.1	.8	9.1	.4	4.1	6.9	16.0
22:00	.7	8.6	.9	8.6	.4	3.9	6.6	13.5
23:00	.2	6.6	.4	6.6	.2	3.0	2.7	9.4
Avg	4.9	4.9	2.8	7.3	1.2	3.3	8.7	13.4
Max	3.4	10.2	4.2	10.3	1.9	4.6	14.0	18.8
Hr. of Max	06	02	15	02	15	20	15	02
Min	.2	.7	.4	2.2	.2	1.0	2.7	8.2
Count	24	24	24	24	24	24	24	24
Total								