Date Printed: 04/07/2016 08:23

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

Daily Summary Report

Site: Tower "K" (1208)

4/5/2016

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	14.0	13.9	57.3	56.9	-.2	.5	32.9	40.3	4.8
01:00	11.7	11.4	53.1	52.6	-.3	2.6	36.7	54.2	5.6
02:00	9.3	9.0	48.7	48.2	-.3	1.8	35.2	59.9	5.3
03:00	7.6	7.3	45.7	45.1	-.3	-.6	31.0	56.7	4.5
04:00	6.0	6.0	42.9	42.8	-.1	-.7	30.7	62.5	4.5
05:00	4.9	5.0	40.7	41.0	.1	-1.4	29.5	64.5	4.3
06:00	3.9	4.0	39.1	39.1	.0	-.9	30.5	71.4	4.5
07:00	2.9	4.0	37.2	39.2	1.1	-1.0	30.2	76.3	4.5
08:00	4.5	4.6	40.1	40.2	.0	-4.6	23.7	52.6	3.4
09:00	6.6	5.7	43.8	42.3	-.8	-6.2	20.9	40.2	3.0
10:00	7.9	6.6	46.2	43.9	-1.3	-6.0	21.1	37.2	3.0
11:00	9.2	7.8	48.5	46.0	-1.4	-6.1	21.0	34.0	3.0
12:00	10.3	9.3	50.5	48.8	-.9	-5.9	21.5	32.1	3.1
13:00	11.8	11.0	53.2	51.8	-.8	-5.5	22.1	29.9	3.1
14:00	13.4	12.0	56.1	53.5	-1.5	-5.6	21.9	26.8	3.1
15:00	14.7	13.2	58.5	55.8	-1.5	-7.1	19.3	22.1	2.8
16:00	15.2	13.7	59.4	56.7	-1.5	-7.7	18.1	20.4	2.6
17:00	15.5	14.3	59.9	57.8	-1.2	-9.3	15.2	17.7	2.3
18:00	15.1	14.1	59.3	57.3	-1.1	-8.1	17.4	19.9	2.6
19:00	14.1	13.6	57.4	56.4	-.6	-7.1	19.2	22.8	2.8
20:00	12.6	12.7	54.6	54.9	.2	-5.9	21.4	27.6	3.0
21:00	11.5	12.1	52.7	53.9	.7	-6.0	21.2	29.4	3.0
22:00	9.5	11.0	49.1	51.8	1.5	-4.7	23.5	37.4	3.4
23:00	7.7	10.1	45.8	50.2	2.4	-2.4	27.7	49.9	4.0
Avg	10.0	9.7	50.0	49.4	-.3	-4.1	24.7	41.1	3.6
Max	15.5	14.3	59.9	57.8	2.4	2.6	36.7	76.3	5.6
Hr. of Max	17	17	17	17	23	01	01	07	01
Min	2.9	4.0	37.2	39.1	-1.5	-9.3	15.2	17.7	2.3
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	0.0041	0.0101	6.4	16.1	2457959.5	.0	.00	.00	-3.0
01:00	0.0047	0.0087	7.4	13.8	2463400.4	.0	.00	.00	-3.1
02:00	0.0044	0.0074	7.0	11.7	2469182.3	.0	.00	.00	-3.3
03:00	0.0037	0.0066	5.9	10.5	2473231.7	.0	.00	.00	-3.4
04:00	0.0037	0.0059	5.8	9.4	2476907.6	.0	.00	.00	-3.5
05:00	0.0035	0.0054	5.5	8.6	2479731.4	.0	.00	.00	-3.5
06:00	0.0036	0.0051	5.8	8.1	2481910.3	.0	.00	.00	-3.6
07:00	0.0036	0.0047	5.7	7.5	2484431.8	.0	.00	.00	23.6
08:00	0.0028	0.0053	4.4	8.5	2480521.7	.0	.00	.00	204.8
09:00	0.0024	0.0061	3.9	9.7	2475677.8	.0	.00	.00	427.0
10:00	0.0025	0.0067	3.9	10.7	2472527.3	.0	.00	.00	626.7
11:00	0.0025	0.0073	3.9	11.6	2469505.7	.0	.00	.00	776.6
12:00	0.0025	0.0078	4.0	12.5	2466852.5	.0	.00	.00	871.7
13:00	0.0026	0.0087	4.1	13.8	2463334.2	.0	.00	.00	915.8
14:00	0.0026	0.0097	4.1	15.4	2459414.3	.0	.00	.00	890.7
15:00	0.0023	0.0105	3.7	16.8	2456256.1	.0	.00	.00	812.0
16:00	0.0022	0.0109	3.5	17.3	2455141.8	.0	.00	.00	670.5
17:00	0.002	0.0111	3.1	17.7	2454456.7	.0	.00	.00	480.4
18:00	0.0021	0.0108	3.4	17.2	2455317.7	.0	.00	.00	263.0
19:00	0.0023	0.0101	3.7	16.2	2457722.2	.0	.00	.00	59.5
20:00	0.0025	0.0091	4.0	14.6	2461393.0	.0	.00	.00	-2.1
21:00	0.0025	0.0085	4.0	13.6	2464016.5	.0	.00	.00	-3.3
22:00	0.0028	0.0075	4.4	11.9	2468692.1	.0	.00	.00	-3.5
23:00	0.0033	0.0066	5.2	10.5	2473037.1	.0	.00	.00	-3.5
Avg	0.003	0.0079	4.7	12.7	2467525.9	.0	.00	.00	291.1
Max	0.0047	0.0111	7.4	17.7	2484431.8	.0	.00	.00	915.8
Hr. of Max	01	17	01	17	07	23	23	23	13
Min	0.002	0.0047	3.1	7.5	2454456.7	.0	.00	.00	-3.6
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	.00	29.19	988.5	332	318	332	318	19	10
01:00	.00	29.23	989.7	355	356	356	356	16	25
02:00	.00	29.25	990.5	1	12	2	12	21	25
03:00	.00	29.26	991.0	2	14	2	14	22	21
04:00	.00	29.27	991.2	9	30	9	30	33	12
05:00	-.01	29.29	992.0	20	33	11	33	31	10
06:00	-.01	29.32	992.9	50	37	40	36	37	12
07:00	.03	29.34	993.6	29	32	29	32	37	6
08:00	.29	29.35	994.1	355	27	359	27	58	16
09:00	.61	29.37	994.5	19	35	21	33	42	17
10:00	.90	29.37	994.8	58	55	67	57	49	20
11:00	1.11	29.38	995.0	48	49	58	51	52	27
12:00	1.25	29.37	994.7	49	41	63	47	68	36
13:00	1.31	29.36	994.2	352	18	359	22	66	57
14:00	1.28	29.35	994.1	87	71	90	66	66	55
15:00	1.16	29.34	993.6	56	53	65	56	62	30
16:00	.96	29.32	993.1	103	94	106	90	44	32
17:00	.69	29.31	992.7	72	56	81	56	48	21
18:00	.38	29.30	992.4	100	87	96	88	39	23
19:00	.09	29.30	992.3	86	85	85	85	17	10
20:00	.00	29.31	992.5	83	86	85	86	13	6
21:00	.00	29.31	992.7	67	82	68	82	16	4
22:00	.00	29.30	992.4	79	90	84	89	65	8
23:00	.00	29.28	991.7	122	84	92	84	41	6
Avg	.42	29.31	992.7	46	48	0	0	40	20
Max	1.31	29.38	995.0	355	356	359	356	68	57
Hr. of Max	13	11	11	08	01	13	01	12	13
Min	-.01	29.19	988.5	1	12	2	12	13	4
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	3.6	13.5	3.9	14.1	1.8	6.3	17.4	27.7
01:00	3.4	12.0	3.6	13.2	1.6	5.9	12.4	21.3
02:00	3.1	11.2	3.3	12.2	1.5	5.5	12.4	19.0
03:00	3.1	11.7	3.4	12.6	1.5	5.7	11.2	19.9
04:00	1.6	9.1	1.9	9.2	.9	4.2	8.7	16.0
05:00	1.2	8.1	1.4	8.2	.6	3.7	6.0	13.5
06:00	1.2	6.9	1.4	7.0	.6	3.2	8.2	14.2
07:00	.5	7.2	.6	7.2	.3	3.3	3.2	10.8
08:00	.8	6.9	1.3	7.2	.6	3.2	11.2	19.5
09:00	2.9	12.2	3.8	12.9	1.7	5.8	13.3	22.9
10:00	3.3	10.9	4.2	11.5	1.9	5.1	14.9	20.4
11:00	2.7	8.2	3.6	8.8	1.6	4.0	14.4	21.3
12:00	1.8	5.1	3.2	5.9	1.4	2.7	10.5	15.6
13:00	1.8	4.5	3.4	6.3	1.5	2.8	14.2	18.3
14:00	2.3	4.3	3.9	5.9	1.7	2.7	14.4	16.3
15:00	1.8	4.9	2.9	5.6	1.3	2.5	11.0	14.4
16:00	3.2	4.7	4.2	6.0	1.9	2.7	13.5	13.7
17:00	2.7	5.9	3.3	6.3	1.5	2.8	12.4	15.1
18:00	3.7	6.1	4.1	6.4	1.8	2.9	11.7	13.5
19:00	4.1	7.2	4.3	7.3	1.9	3.3	11.2	13.3
20:00	2.8	7.3	2.9	7.4	1.3	3.3	7.3	10.8
21:00	2.3	8.2	2.4	8.2	1.1	3.7	5.3	10.8
22:00	.9	6.6	1.3	6.6	.6	3.0	4.6	10.3
23:00	.2	7.0	.7	6.9	.3	3.1	3.9	10.1
Avg	6.1	6.1	2.9	8.4	1.3	3.8	10.6	16.2
Max	4.1	13.5	4.3	14.1	1.9	6.3	17.4	27.7
Hr. of Max	19	00	19	00	19	00	00	00
Min	.2	4.3	.6	5.6	.3	2.5	3.2	10.1
Count	24	24	24	24	24	24	24	24
Total								