Date Printed: 01/16/2016 04:13

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

Daily Summary Report

Site: Tower "K" (1208)

1/14/2016

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	-2.5	.9	27.5	33.7	3.4	-8.8	16.2	62.8	2.5
01:00	-3.0	.3	26.5	32.5	3.3	-7.7	18.2	70.6	2.8
02:00	-3.2	-.1	26.2	31.9	3.2	-7.3	18.9	74.1	2.8
03:00	-3.3	.2	26.0	32.4	3.6	-7.7	18.1	71.9	2.7
04:00	-3.8	.6	25.1	33.0	4.4	-7.6 -	18.3 -	75.5	2.8 -
05:00	-4.1	.3	24.7	32.5	4.4	-6.6	20.2	83.2	3.0
06:00	-4.3	-.1	24.3	31.8	4.2	-6.6	20.2	84.4	3.0
07:00	-4.4	-.3	24.0	31.5	4.2	-6.6	20.2	85.5	3.0
08:00	-4.1	.0	24.6	32.1	4.1	-8.1	17.5	74.6	2.7
09:00	-1.4	.9	29.6	33.6	2.3	-9.6	14.7	54.2	2.4
10:00	2.8	2.4	37.1	36.3	-.4	-8.2	17.2	44.5	2.6
11:00	6.2	5.7	43.2	42.2	-.6	-5.1	22.8	44.6	3.3
12:00	9.7	8.7	49.5	47.7	-1.0	-3.1	26.4	40.9	3.8
13:00	12.3	11.1	54.1	52.0	-1.1	-3.3	26.1	34.3	3.7
14:00	14.2	12.8	57.6	55.0	-1.4	-3.5	25.7	29.8	3.6
15:00	14.9	13.5	58.9	56.3	-1.5	-4.1	24.6	27.1	3.4
16:00	13.9	13.1	57.1	55.7	-.8	-3.2	26.2	30.9	3.7
17:00	12.9	12.6	55.3	54.6	-.4	-2.6	27.3	34.6	3.9
18:00	11.4	11.6	52.6	53.0	.2	-1.5	29.3	41.1	4.2
19:00	10.6	11.0	51.0	51.9	.5	-1.9	28.6	42.3	
20:00	10.2	10.6	50.3	51.1	.5	-2.0	28.3	43.0	4.1
21:00	9.3	10.0	48.7	49.9	.7	-1.6	29.2	47.2	4.2
22:00	7.6	9.4	45.6	48.9	1.8	-1.1	30.1	55.1	4.4
23:00	5.6	8.4	42.1	47.1	2.8	-.1	31.8	67.3	4.7
Avg	4.5	6.0	40.1	42.8	1.5	-4.9	23.2	55.0	3.4
Max	14.9	13.5	58.9	56.3	4.4	-.1	31.8	85.5	4.7
Hr. of Max	15	15	15	15	05	23	23	07	23
Min	-4.4	-.3	24.0	31.5	-1.5	-9.6	14.7	27.1	2.4
Count	24	24	24	24	24	24	24	24	23
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	0.002	0.0032	3.2	5.1	2497154.1	.0	.00	.00	-4.1
01:00	0.0022	0.0031	3.4	4.9	2498461.0	.0	.00	.00	-4.0
02:00	0.0022	0.003	3.5	4.8	2498951.9	.0	.00	.00	-4.0
03:00	0.0022	0.003	3.4	4.8	2499160.6	.0	.00	.00	-3.9
04:00	0.0022 -	0.0029 -	3.5 -	4.6	2500365.8	.0	.00	.00	-4.0
05:00	0.0024	0.0028	3.7	4.5	2500944.5	.0	.00	.00	-1.0
06:00	0.0024	0.0028	3.7	4.4	2501422.8	.0	.00	.00	-3.5
07:00	0.0024	0.0028	3.7	4.4	2501815.9	.0	.00	.00	-1.7
08:00	0.0021	0.0028	3.3	4.5	2500992.7	.0	.00	.00	84.3
09:00	0.0019	0.0035	3.0	5.5	2494483.6	.0	.00	.00	258.5
10:00	0.0021	0.0047	3.3	7.5	2484527.3	.0	.00	.00	408.2
11:00	0.0027	0.006	4.2	9.5	2476461.8	.0	.00	.00	510.4
12:00	0.0031	0.0076	4.9	12.1	2468154.5	.0	.00	.00	551.8
13:00	0.0031	0.009	4.9	14.3	2462123.4	.0	.00	.00	541.4
14:00	0.003	0.0103	4.8	16.2	2457549.5	.0	.00	.00	471.0
15:00	0.0029	0.0108	4.6	17.0	2455800.9	.0	.00	.00	342.1
16:00	0.0031	0.0101	4.9	15.9	2458192.3	.0	.00	.00	120.4
17:00	0.0033	0.0094	5.1	14.9	2460581.8	.0	.00	.00	29.1
18:00	0.0035	0.0086	5.5	13.5	2464135.6	.0	.00	.00	-3.2
19:00	0.0034	0.0081	5.4	12.8	2466172.8	.0	.00	.00	-3.3
20:00	0.0034	0.0079	5.3	12.4	2467104.5	.0	.00	.00	-3.2
21:00	0.0035	0.0074	5.5	11.7	2469235.3	.0	.00	.00	-3.4
22:00	0.0036	0.0066	5.7	10.5	2473291.0	.0	.00	.00	-3.5
23:00	0.0039	0.0058	6.1	9.1	2477977.5	.0	.00	.00	-3.7
Avg	0.0028	0.0059	4.4	9.4	2480627.5	.0	.00	.00	136.3
Max	0.0039	0.0108	6.1	17.0	2501815.9	.0	.00	.00	551.8
Hr. of Max	23	15	23	15	07	23	23	23	12
Min	0.0019	0.0028	3.0	4.4	2455800.9	.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	29.17	987.8	197	256	177	244	37	22
01:00	-.01	29.16	987.5	197	232	190	226	42	53
02:00	-.01	29.16	987.6	183	249	189	250	30	10
03:00	-.01	29.16	987.7	117	299	35	302	64	31
04:00	-.01	29.16 -	987.5 -	242	294	228	293	26	3
05:00	.00	29.15	987.3	210	40	284	108	44	18
06:00	-.01	29.16	987.4	243	109	299	113	68	12
07:00	.00	29.16	987.5	236	60	257	52	28	9
08:00	.12	29.17	987.9	204	340	202	331	43	57
09:00	.37	29.18	988.4	223	211	210	197	50	22
10:00	.59	29.20	988.7	235	227	237	226	31	23
11:00	.73	29.19	988.4	246	236	247	236	18	15
12:00	.79	29.16	987.4	244	240	246	239	21	13
13:00	.78	29.11	986.0	257	246	258	244	25	20
14:00	.68	29.08	984.6	211	214	209	213	23	16
15:00	.49	29.05	983.8	196	196	195	195	19	13
16:00	.17	29.05	983.8	186	191	187	191	18	12
17:00	.04	29.04	983.6	190	194	190	194	14	10
18:00	.00	29.04	983.6	199	203	199	203	13	7
19:00	.00	29.05	983.7	208	208	208	207	13	7
20:00	.00	29.04	983.5	221	217	221	217	16	8
21:00	.00	29.03	983.2	222	234	225	234	13	4
22:00	.00	29.01	982.6	245	228	222	228	22	4
23:00	-.01	29.01	982.4	100	247	141	247	37	5
Avg	.20	29.11	985.9	213	230	0	0	30	16
Max	.79	29.20	988.7	257	340	299	331	68	57
Hr. of Max	12	10	10	13	08	06	08	06	08
Min	-.01	29.01	982.4	100	40	35	52	13	3
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	.6	.7	.9	1.1	.4	.5	3.0	4.1
01:00	.6	.4	.7	.4	.3	.2	2.3	2.1
02:00	.1	.6	.1	.7	.0	.3	1.1	2.1
03:00	.1	1.3	.3	1.3	.1	.6	1.8	4.4
04:00	.3	.8	.4	.7	.2	.3	1.4	3.0
05:00	.0	.6	.0	.6	.0	.3	.9	2.5
06:00	.2	.7	.5	.7	.2	.4	1.6	2.7
07:00	.2	1.0	.4	.9	.2	.4	1.4	2.5
08:00	.5	.3	.7	.4	.3	.2	2.7	2.3
09:00	.5	1.2	.8	1.4	.3	.6	3.0	4.1
10:00	1.6	3.3	2.1	3.5	.9	1.6	6.4	9.4
11:00	5.3	6.2	5.5	6.3	2.5	2.9	11.4	12.8
12:00	6.3	8.9	6.9	9.1	3.1	4.1	13.7	15.8
13:00	5.0	6.0	5.4	6.4	2.4	2.9	11.9	13.7
14:00	7.1	11.2	7.9	11.7	3.5	5.2	32.5	52.0
15:00	7.2	11.6	7.6	11.9	3.4	5.4	18.5	22.9
16:00	6.8	11.5	7.1	11.7	3.2	5.3	17.2	20.8
17:00	5.9	10.5	6.1	10.6	2.7	4.7	13.1	16.5
18:00	4.4	11.0	4.5	11.1	2.0	5.0	9.2	16.9
19:00	5.1	12.8	5.3	12.9	2.4	5.8	13.1	21.1
20:00	3.5	10.0	3.6	10.1	1.6	4.5	9.6	18.1
21:00	2.5	8.1	2.7	8.1	1.2	3.6	5.5	10.1
22:00	.5	6.1	1.5	6.1	.6	2.7	3.4	8.9
23:00	.2	4.4	.3	4.4	.1	2.0	1.8	6.2
Avg	1.1	1.1	3.0	5.5	1.3	2.5	7.8	11.5
Max	7.2	12.8	7.9	12.9	3.5	5.8	32.5	52.0
Hr. of Max	15	19	14	19	14	19	14	14
Min	.0	.3	.0	.4	.0	.2	.9	2.1
Count	24	24	24	24	24	24	24	24
Total								