Date Printed: 01/18/2015 07:14

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

Daily Summary Report

Site: Tower "K" (1208)

1/17/2015

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	-1.4	.8	29.4	33.4	2.2	-1.6	29.1	99.5	4.3
01:00	-1.7	.4	28.9	32.7	2.1	-1.8	28.7	99.5	4.3
02:00	-2.2	.1	28.0	32.2	2.4	-2.4	27.7	99.5	4.1
03:00	-2.7	-.6	27.1	30.9	2.1	-2.9	26.8	99.5	4.0
04:00	-2.8	-.9	27.0	30.3	1.8	-2.9	26.8	99.4	4.0
05:00	-3.2	-1.4	26.3	29.5	1.8	-3.3	26.0	99.4	3.8
06:00	-3.8	-1.6	25.2	29.2	2.2	-3.9	25.0	99.3	3.7
07:00	-3.9	-2.2	24.9	28.0	1.7	-4.1	24.6	99.3	3.6
08:00	-3.7	-2.5	25.3	27.5	1.2	-3.9	25.1	99.5	3.7
09:00	-2.1	-1.4	28.3	29.5	.7	-3.4	25.9	91.7	3.8
10:00	.9	.7	33.6	33.3	-.2	-4.4	24.0	68.0	3.5
11:00	4.1	3.6	39.3	38.6	-.4	-2.7	27.1	61.6	3.9
12:00	7.3	6.4	45.2	43.4	-1.0	-1.2	29.9	55.2	4.4
13:00	9.1	8.0	48.4	46.5	-1.1	-1.4	29.5	48.4	4.3
14:00	11.4	10.3	52.6	50.5	-1.2	-1.9	28.6	40.1	4.1
15:00	13.4	12.3	56.1	54.1	-1.1	-2.2	28.0	34.5	
16:00	14.6	13.7	58.3	56.7	-.9	-4.3	24.2	27.3	3.4
17:00	13.4	13.1	56.1	55.5	-.3	-4.4	24.0	29.3	3.4
18:00	11.7	12.0	53.1	53.6	.3	-3.6	25.6	34.6	3.6
19:00	10.6	11.2	51.1	52.2	.6	-3.1	26.5	38.7	3.8
20:00	9.7	10.4	49.4	50.7	.7	-2.6	27.3	42.6	3.9
21:00	8.3	9.7	46.9	49.5	1.5	-1.1	30.0	52.2	4.4
22:00	8.1	9.0	46.6	48.2	.9	-.4	31.3	55.5	4.6
23:00	7.4	8.2	45.3	46.8	.8	-.1	31.8	59.4	4.7
Avg	4.3	5.0	39.7	41.0	.7	-2.7	27.2	68.1	4.0
Max	14.6	13.7	58.3	56.7	2.4	-.1	31.8	99.5	4.7
Hr. of Max	16	16	16	16	02	23	23	08	23
Min	-3.9	-2.5	24.9	27.5	-1.2	-4.4	24.0	27.3	3.4
Count	24	24	24	24	24	24	24	24	23
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	0.0034	0.0034	5.4	5.5	2494704.3	.0	.00	.00	-3.9
01:00	0.0034	0.0034	5.3	5.4	2495312.5	.0	.00	.00	-4.0
02:00	0.0032	0.0033	5.1	5.2	2496576.6	.0	.00	.00	-4.0
03:00	0.0031	0.0031	4.9	5.0	2497747.9	.0	.00	.00	-3.9
04:00	0.0031	0.0031	4.9	5.0	2497796.5	.0	.00	.00	-4.0
05:00	0.003	0.003	4.8	4.8	2498769.9	.0	.00	.00	-4.0
06:00	0.0029	0.0029	4.6	4.6	2500168.5	.0	.00	.00	-4.0
07:00	0.0028	0.0029	4.5	4.6	2500608.3	.0	.00	.00	-1.4
08:00	0.0029	0.0029	4.6	4.6	2500128.5	.0	.00	.00	112.8
09:00	0.003	0.0033	4.8	5.2	2496199.0	.0	.00	.00	326.1
10:00	0.0028	0.0041	4.4	6.5	2489146.0	.0	.00	.00	439.3
11:00	0.0032	0.0052	5.0	8.2	2481589.3	.0	.00	.00	519.7
12:00	0.0036	0.0065	5.6	10.3	2473819.5	.0	.00	.00	564.1
13:00	0.0035	0.0073	5.6	11.6	2469633.9	.0	.00	.00	552.6
14:00	0.0034	0.0086	5.4	13.6	2464100.8	.0	.00	.00	479.2
15:00	0.0033	0.0097	5.3	15.4	2459535.3	.0	.00	.00	349.8
16:00	0.0029	0.0105	4.5	16.6	2456613.2	.0	.00	.00	188.5
17:00	0.0028	0.0097	4.5	15.4	2459482.5	.0	.00	.00	37.6
18:00	0.003	0.0087	4.8	13.8	2463398.8	.0	.00	.00	-3.0
19:00	0.0031	0.0081	4.9	12.8	2466047.7	.0	.00	.00	-3.4
20:00	0.0032	0.0076	5.1	12.0	2468310.3	.0	.00	.00	-3.6
21:00	0.0036	0.0069	5.7	10.9	2471637.7	.0	.00	.00	-3.6
22:00	0.0038	0.0068	6.0	10.8	2471992.4	.0	.00	.00	-3.5
23:00	0.0039	0.0065	6.1	10.3	2473711.0	.0	.00	.00	-3.5
Avg	0.0032	0.0057	5.1	9.1	2481126.3	.0	.00	.00	146.7
Max	0.0039	0.0105	6.1	16.6	2500608.3	.0	.00	.00	564.1
Hr. of Max	23	16	23	16	07	23	23	23	12
Min	0.0028	0.0029	4.4	4.6	2456613.2	.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	29.25	990.6	228	96	193	88	38	13
01:00	-.01	29.25	990.4	95	43	73	40	32	27
02:00	-.01	29.25	990.5	192	69	169	62	49	13
03:00	-.01	29.25	990.6	211	42	214	59	15	25
04:00	-.01	29.25	990.5	140	58	108	58	27	20
05:00	-.01	29.24	990.3	200	50	279	61	29	17
06:00	-.01	29.24	990.3	181	15	181	33	24	33
07:00	.00	29.25	990.7	201	252	190	298	43	25
08:00	.16	29.25	990.5	192	156	187	146	35	32
09:00	.47	29.24	990.2	251	93	261	115	45	34
10:00	.63	29.23	989.9	249	233	250	232	27	41
11:00	.75	29.20	989.0	241	235	243	234	49	35
12:00	.81	29.16	987.6	239	238	242	238	18	9
13:00	.79	29.12	986.2	258	252	259	251	17	10
14:00	.69	29.08	984.9	253	248	254	248	17	12
15:00	.50	29.06	984.0	264	255	263	255	16	12
16:00	.27	29.05	983.8	234	232	235	231	18	10
17:00	.05	29.06	984.1	233	230	234	230	17	8
18:00	.00	29.07	984.4	220	224	220	224	15	6
19:00	.00	29.08	984.7	207	215	208	216	11	6
20:00	-.01	29.07	984.6	203	214	197	214	36	6
21:00	-.01	29.07	984.3	192	188	191	188	17	7
22:00	-.01	29.06	984.0	237	207	231	204	19	11
23:00	-.01	29.05	983.6	276	247	280	248	22	10
Avg	.21	29.16	987.5	220	218	0	0	27	18
Max	.81	29.25	990.7	276	255	280	298	49	41
Hr. of Max	12	08	07	23	15	23	07	11	10
Min	-.01	29.05	983.6	95	15	73	33	11	6
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	.2	.7	.4	.7	.2	.3	1.6	2.7
01:00	.3	.7	.7	.8	.3	.4	2.1	2.5
02:00	.1	2.9	.4	2.9	.2	1.3	1.8	7.6
03:00	.9	1.8	1.0	2.0	.5	.9	1.8	6.4
04:00	.2	1.7	.4	1.7	.2	.8	1.8	3.4
05:00	.1	2.0	.1	2.0	.1	.9	1.4	4.8
06:00	.5	.9	.6	1.0	.2	.5	2.3	4.1
07:00	.4	.1	.6	.1	.3	.0	1.6	1.8
08:00	.3	.5	.4	.6	.2	.3	2.5	2.3
09:00	.6	.3	.7	.4	.3	.2	2.7	1.8
10:00	1.6	.6	1.8	.9	.8	.4	3.9	3.7
11:00	1.5	2.1	2.0	2.3	.9	1.1	6.2	12.8
12:00	8.4	12.5	8.8	12.6	3.9	5.6	18.3	21.5
13:00	7.3	8.7	7.7	8.9	3.5	4.0	14.9	16.0
14:00	7.1	9.0	7.4	9.1	3.3	4.1	14.0	14.9
15:00	7.1	9.1	7.5	9.3	3.3	4.2	14.4	14.9
16:00	8.7	15.1	9.1	15.3	4.1	6.9	23.6	29.1
17:00	7.8	15.1	8.1	15.2	3.6	6.8	18.8	26.1
18:00	5.3	12.9	5.5	12.9	2.4	5.8	14.4	20.4
19:00	3.0	8.4	3.0	8.4	1.4	3.8	8.2	15.1
20:00	1.1	6.4	1.3	6.5	.6	2.9	3.7	10.3
21:00	3.0	11.6	3.1	11.6	1.4	5.2	7.6	18.8
22:00	2.4	8.2	2.8	8.5	1.2	3.8	8.2	17.4
23:00	2.2	7.2	2.6	7.4	1.2	3.3	5.7	12.4
Avg	.9	.9	3.2	5.8	1.4	2.6	7.6	11.3
Max	8.7	15.1	9.1	15.3	4.1	6.9	23.6	29.1
Hr. of Max	16	17	16	16	16	16	16	16
Min	.1	.1	.1	.1	.1	.0	1.4	1.8
Count	24	24	24	24	24	24	24	24
Total								