Date Printed: 07/27/2015 09:09

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

Daily Summary Report

Site: Tower "K" (1208)

7/26/2015

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	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	22.4	23.2	72.3	73.8	.8	22.1	71.7	100.7	19.5
01:00	21.9	22.5	71.5	72.5	.6	21.6	70.9	100.9	19.0
02:00	21.5	22.3	70.6	72.1	.8	21.2	70.2	101.0	18.6
03:00	20.6	21.4	69.1	70.6	.8	20.4	68.7	100.9	17.7
04:00	20.1	21.4	68.3	70.4	1.2	19.9	67.8	101.0	17.2
05:00	19.7	20.8	67.5	69.5	1.1	19.5	67.1	101.0	16.8
06:00	19.5	20.7	67.1	69.2	1.1	19.3	66.7	101.0	16.6
07:00	19.7	20.5	67.4	68.8	.8	19.5	67.1	101.1	16.8
08:00	21.5	21.6	70.7	70.8	.1	17.4	63.3	79.9	14.7
09:00	24.6	24.0	76.3	75.2	-.6	17.0	62.6	64.2	14.2
10:00	26.7	25.7	80.0	78.2	-1.0	18.5	65.3	62.6	15.5
11:00	28.5	27.2	83.2	80.9	-1.3	18.7	65.6	57.1	15.6
12:00	29.4	28.6	85.0	83.5	-.8	19.8	67.6	57.8	16.7
13:00	30.8	29.2	87.4	84.6	-1.5	20.9	69.7	57.6	17.8
14:00	31.5	30.1	88.7	86.2	-1.4	19.7	67.5	51.3	16.5
15:00	32.3	30.8	90.2	87.4	-1.6	17.9	64.2	43.8	14.8
16:00	32.8	31.6	91.1	88.8	-1.3	16.4	61.6	38.8	13.5
17:00	30.5	29.8	86.8	85.6	-.7	19.5	67.1	54.5	16.4
18:00	28.1	27.4	82.6	81.3	-.7	19.8	67.6	62.6	16.8
19:00	28.9	28.2	84.1	82.8	-.7	16.8	62.2	49.3	13.9
20:00	27.5	27.3	81.5	81.2	-.2	20.6	69.0	68.2	17.6
21:00	25.4	26.0	77.7	78.8	.6	22.4	72.3	86.1	19.7
22:00	24.5	24.9	76.2	76.8	.3	22.9	73.1	93.1	20.3
23:00	23.8	24.1	74.9	75.3	.2	22.9	73.3	97.6	20.5
Avg	25.5	25.4	77.9	77.7	-.1	19.8	67.6	76.3	16.9
Max	32.8	31.6	91.1	88.8	1.2	22.9	73.3	101.1	20.5
Hr. of Max	16	16	16	16	04	23	23	07	23
Min	19.5	20.5	67.1	68.8	-1.6	16.4	61.6	38.8	13.5
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	0.0174	0.0172	26.6	27.2	2438080.0	.0	.00	.00	-2.8
01:00	0.0169	0.0168	25.9	26.4	2439194.8	.0	.00	.00	-2.5
02:00	0.0164	0.0163	25.2	25.7	2440303.2	.0	.00	.00	-2.7
03:00	0.0156	0.0155	24.0	24.4	2442287.4	.0	.00	.00	-2.5
04:00	0.0152	0.015	23.3	23.6	2443447.1	.0	.00	.00	-2.4
05:00	0.0148	0.0146	22.7	23.1	2444398.4	.0	.00	.00	-2.6
06:00	0.0146	0.0144	22.4	22.7	2444928.6	.0	.00	.00	2.1
07:00	0.0147	0.0146	22.7	23.0	2444512.4	.0	.00	.00	88.2
08:00	0.013	0.0163	20.0	25.7	2440245.7	.0	.00	.00	283.3
09:00	0.0126	0.0197	19.5	31.0	2432878.4	.0	.00	.00	451.7
10:00	0.0139	0.0222	21.5	35.1	2427949.7	.0	.00	.00	599.7
11:00	0.0141	0.0247	21.7	39.0	2423681.8	.0	.00	.00	786.1
12:00	0.0151	0.0261	23.3	41.2	2421392.3	.0	.00	.00	831.5
13:00	0.0163	0.0283	25.0	44.6	2418161.5	.0	.00	.00	898.4
14:00	0.0151	0.0295	23.2	46.5	2416427.5	.0	.00	.00	759.0
15:00	0.0135	0.0308	20.8	48.6	2414539.7	.0	.00	.00	768.3
16:00	0.0123	0.0318	19.0	50.0	2413314.6	.0	.00	.00	696.8
17:00	0.0149	0.0279	23.0	43.9	2418931.5	.0	.00	.00	259.2
18:00	0.0152	0.0242	23.3	38.1	2424568.7	.0	.00	.00	240.6
19:00	0.0125	0.0254	19.4	40.0	2422565.7	.0	.00	.00	218.3
20:00	0.0159	0.0234	24.4	36.8	2426000.8	.0	.00	.00	19.0
21:00	0.0178	0.0206	27.2	32.5	2431001.8	.0	.00	.00	-2.2
22:00	0.0183	0.0196	27.9	30.9	2432995.9	.0	.00	.00	-2.5
23:00	0.0183	0.0188	28.1	29.6	2434680.4	.0	.00	.00	-2.4
Avg	0.0152	0.0214	23.3	33.7	2430687.0	.0	.00	.00	286.7
Max	0.0183	0.0318	28.1	50.0	2444928.6	.0	.00	.00	898.4
Hr. of Max	23	16	23	16	06	23	23	23	13
Min	0.0123	0.0144	19.0	22.7	2413314.6	.0	.00	.00	-2.8
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	.00	28.96	980.6	265	253	254	253	49	10
01:00	.00	28.95	980.3	106	233	52	233	48	17
02:00	.00	28.94	980.0	129	108	152	108	26	31
03:00	.00	28.94	980.1	65	45	70	45	34	34
04:00	.00	28.94	979.9	73	48	78	48	34	13
05:00	.00	28.93	979.9	355	72	355	72	56	16
06:00	.00	28.95	980.3	81	58	66	58	64	24
07:00	.13	28.96	980.7	339	55	355	55	51	19
08:00	.41	28.97	981.1	274	64	270	64	46	33
09:00	.65	28.98	981.6	300	90	284	90	63	42
10:00	.86	28.97	981.2	205	137	202	137	52	52
11:00	1.13	28.97	981.0	222	205	224	205	51	47
12:00	1.19	28.97	981.1	255	198	258	198	46	27
13:00	1.29	28.96	980.8	209	218	215	218	34	21
14:00	1.09	28.95	980.5	231	198	229	198	46	32
15:00	1.10	28.94	980.0	213	228	223	228	51	33
16:00	1.00	28.92	979.5	241	239	244	239	41	22
17:00	.37	28.93	979.7	270	269	269	269	26	12
18:00	.35	28.93	979.9	264	263	254	263	31	16
19:00	.31	28.92	979.3	275	255	267	255	50	20
20:00	.03	28.92	979.3	177	183	202	183	41	30
21:00	.00	28.93	979.6	237	220	211	220	31	14
22:00	.00	28.94	980.2	355	112	106	112	44	22
23:00	.00	28.95	980.4	247	235	266	235	45	18
Avg	.41	28.95	980.3	248	188	0	0	44	25
Max	1.29	28.98	981.6	355	269	355	269	64	52
Hr. of Max	13	09	09	22	17	07	17	06	10
Min	.00	28.92	979.3	65	45	52	45	26	10
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	.1	1.0	.6	1.2	.3	.5	1.8	3.5
01:00	.2	.8	.4	1.0	.2	.4	1.8	3.5
02:00	.2	.8	1.0	1.0	.5	.4	2.3	1.9
03:00	.2	1.0	.6	1.2	.3	.5	2.1	2.6
04:00	.6	1.2	.7	1.4	.3	.6	2.7	3.0
05:00	.2	1.2	.6	1.4	.3	.6	2.1	3.1
06:00	.3	2.2	.5	2.5	.2	1.1	2.5	4.4
07:00	.2	1.7	.6	2.0	.3	.9	2.1	3.6
08:00	.3	1.3	.5	1.5	.2	.7	2.1	4.2
09:00	.1	1.9	.8	2.2	.3	1.0	3.4	5.4
10:00	1.2	2.0	1.8	2.3	.8	1.0	5.0	6.2
11:00	1.4	2.7	2.2	3.1	1.0	1.4	7.6	8.0
12:00	2.9	4.0	3.5	4.5	1.5	2.1	9.4	11.1
13:00	3.4	5.8	4.0	6.2	1.8	2.8	13.1	13.5
14:00	2.2	4.4	2.7	4.8	1.2	2.2	10.5	13.0
15:00	2.5	4.3	3.4	4.6	1.5	2.1	10.8	12.0
16:00	3.1	4.4	3.8	4.7	1.7	2.2	9.4	10.4
17:00	5.8	7.0	6.4	7.5	2.9	3.4	20.8	22.5
18:00	3.8	7.1	4.5	7.4	2.0	3.4	14.9	18.2
19:00	1.7	2.5	1.9	2.7	.8	.1	5.3	7.5
20:00	.7	1.0	1.4	1.2	.6	.5	5.3	6.0
21:00	.7	1.4	.9	1.6	.4	.7	2.5	4.5
22:00	.1	.8	.8	1.0	.4	.4	2.7	3.0
23:00	.5	1.9	.6	2.1	.3	1.0	3.2	5.3
Avg	1.0	1.0	1.8	2.8	.8	1.3	6.0	7.4
Max	5.8	7.1	6.4	7.5	2.9	3.4	20.8	22.5
Hr. of Max	17	18	17	17	17	18	17	17
Min	.1	.8	.4	1.0	.2	.1	1.8	1.9
Count	24	24	24	24	24	24	24	24
Total								