Date Printed: 08/21/2014 12:23

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

Daily Summary Report

Site: Tower "K" (1208)

8/20/2014

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	21.4	22.5	70.6	72.5	1.0	21.1	70.0	100.7	18.5
01:00	21.1	22.1	70.0	71.7	1.0	20.8	69.5	100.9	18.2
02:00	21.0	21.8	69.8	71.3	.9	20.7	69.3	100.9	18.0
03:00	20.8	21.3	69.4	70.3	.5	20.5	68.9	101.0	17.8
04:00	20.5	21.2	69.0	70.2	.7	20.3	68.5	101.0	17.6
05:00	20.6	21.3	69.1	70.3	.7	20.4	68.7	101.1	17.7
06:00	20.9	21.2	69.7	70.2	.3	20.7	69.3	101.2	18.0
07:00	21.1	21.2	70.0	70.1	.0	20.9	69.6	101.2	18.2
08:00	21.9	21.6	71.5	70.8	-.3	21.6	71.0	101.0	19.0
09:00	23.5	22.5	74.2	72.6	-.9	21.8	71.2	93.1	19.1
10:00	25.9	24.4	78.6	75.9	-1.5	20.7	69.2	75.0	17.7
11:00	27.8	26.4	82.0	79.5	-1.4	20.8	69.4	67.6	17.8
12:00	29.0	27.9	84.3	82.1	-1.2	21.3	70.3	65.0	18.3
13:00	28.4	28.1	83.1	82.6	-.3	23.4	74.1	78.2	20.9
14:00	24.4	24.9	75.9	76.8	.5	23.7	74.6	98.8	21.4
15:00	23.8	24.3	74.8	75.7	.5	22.3	72.1	94.2	19.7
16:00	23.7	23.4	74.7	74.1	-.3	21.3	70.3	88.9	18.6
17:00	23.4	22.7	74.1	72.9	-.6	19.8	67.6	82.3	16.9
18:00	22.4	22.3	72.3	72.2	-.1	21.5	70.7	97.3	18.9
19:00	21.9	22.2	71.4	72.0	.3	21.5	70.7	100.5	18.9
20:00	21.2	21.4	70.2	70.4	.1	20.8	69.5	100.2	18.2
21:00	20.2	20.2	68.3	68.4	.1	19.9	67.8	100.6	17.2
22:00	20.1	20.0	68.2	67.9	-.1	19.8	67.7	100.8	17.1
23:00	19.8	19.9	67.7	67.9	.1	19.6	67.2	100.9	16.9
Avg	22.7	22.7	72.9	72.9	.0	21.1	69.9	93.9	18.4
Max	29.0	28.1	84.3	82.6	1.0	23.7	74.6	101.2	21.4
Hr. of Max	12	13	12	13	01	14	14	07	14
Min	19.8	19.9	67.7	67.9	-1.5	19.6	67.2	65.0	16.9
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	0.0164	0.0163	25.1	25.6	2440359.3	.0	.00	.00	-2.4
01:00	0.0161	0.0159	24.7	25.1	2441136.7	.0	.00	.00	-3.0
02:00	0.016	0.0158	24.5	24.9	2441458.8	.0	.00	.00	-2.1
03:00	0.0158	0.0156	24.2	24.6	2441986.4	.0	.00	.00	-2.7
04:00	0.0155	0.0154	23.9	24.2	2442514.8	.0	.00	.00	-2.4
05:00	0.0156	0.0155	24.0	24.4	2442317.2	.0	.00	.00	-2.6
06:00	0.0159	0.0157	24.5	24.8	2441593.3	.0	.00	.00	-2.2
07:00	0.0161	0.0159	24.8	25.1	2441127.7	.0	.00	.00	28.3
08:00	0.0169	0.0167	25.9	26.4	2439233.4	.0	.00	.00	122.0
09:00	0.0171	0.0184	26.2	29.0	2435549.7	.0	.00	.00	240.1
10:00	0.0159	0.0213	24.5	33.6	2429748.9	.0	.00	.00	515.9
11:00	0.016	0.0237	24.7	37.5	2425300.3	.0	.00	.00	726.8
12:00	0.0166	0.0255	25.5	40.3	2422327.1	.0	.00	.00	746.7
13:00	0.019	0.0246	29.1	38.8	2423914.7	2.8	.11	.11	224.2
14:00	0.0192	0.0195	29.4	30.7	2433371.1	3.6	.14	.14	80.5
15:00	0.0176	0.0187	27.0	29.5	2434853.8	.3	.01	.01	223.0
16:00	0.0166	0.0186	25.4	29.4	2434965.9	.3	.01	.01	215.0
17:00	0.015	0.0183	23.2	28.8	2435771.9	.0	.00	.00	142.5
18:00	0.0167	0.0172	25.7	27.2	2438055.3	1.0	.04	.04	34.7
19:00	0.0167	0.0166	25.8	26.3	2439324.0	.0	.00	.00	21.2
20:00	0.016	0.016	24.7	25.3	2440873.3	.5	.02	.02	-2.4
21:00	0.015	0.0149	23.3	23.7	2443381.6	.3	.01	.01	-2.5
22:00	0.015	0.0149	23.2	23.6	2443563.2	.0	.00	.00	-3.0
23:00	0.0147	0.0146	22.8	23.2	2444230.0	.0	.00	.00	-2.8
Avg	0.0163	0.0177	25.1	28.0	2437373.3	.4	.01	.01	137.2
Max	0.0192	0.0255	29.4	40.3	2444230.0	3.6	.14	.14	746.7
Hr. of Max	14	12	14	12	23	14	14	14	12
Min	0.0147	0.0146	22.8	23.2	2422327.1	.0	.00	.00	-3.0
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	.0	28.91	979.2	19	332	18	332	52	0
01:00	.0	28.94	980.0	153	326	138	325	39	4
02:00	.0	28.92	979.4	335	215	330	210	65	37
03:00	.0	28.91	979.1	98	242	79	220	48	20
04:00	.0	28.92	979.4	148	248	124	234	52	24
05:00	.0	28.93	979.7	129	247	159	228	50	19
06:00	.0	28.95	980.2	248	222	224	212	36	19
07:00	.0	28.96	980.9	35	239	33	238	76	18
08:00	.2	28.98	981.3	225	223	222	224	39	18
09:00	.3	28.99	981.7	242	237	241	236	26	18
10:00	.7	28.99	981.8	252	240	255	239	20	18
11:00	1.0	29.00	982.0	246	233	248	233	22	19
12:00	1.1	29.00	982.0	249	241	253	241	26	19
13:00	.3	29.00	982.0	239	218	239	217	35	22
14:00	.1	28.99	981.9	243	218	237	214	64	25
15:00	.3	28.99	981.6	95	68	102	68	52	40
16:00	.3	28.99	981.7	181	199	200	181	65	55
17:00	.2	28.99	981.8	198	200	222	198	44	50
18:00	.0	29.00	982.2	225	242	247	225	64	48
19:00	.0	29.06	984.1	67	39	77	67	46	27
20:00	.0	29.11	985.8	78	63	83	78	33	16
21:00	.0	29.11	985.7	65	78	75	65	50	18
22:00	.0	29.11	985.9	247	280	241	247	45	30
23:00	.0	29.12	986.0	358	307	359	358	58	30
Avg	.2	28.99	981.9	204	242	0	0	46	25
Max	1.1	29.12	986.0	358	332	359	358	76	55
Hr. of Max	12	23	23	23	00	23	23	07	16
Min	.0	28.91	979.1	19	39	18	65	20	0
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	.4	.4	.7	.4	.3	.2	2.7	2.3
01:00	.6	1.2	.9	1.2	.4	.6	2.7	3.7
02:00	.3	1.3	.7	1.9	.3	.9	2.1	4.4
03:00	.2	.7	.3	.8	.1	.4	1.8	2.3
04:00	.3	.6	.5	.7	.2	.3	1.8	2.1
05:00	.1	1.1	.2	1.1	.1	.5	2.1	3.9
06:00	.2	2.5	.5	2.8	.2	1.3	2.1	5.7
07:00	.1	1.6	.3	1.7	.1	.8	1.8	3.4
08:00	1.5	3.3	1.7	3.5	.8	1.6	4.4	8.9
09:00	3.1	4.9	3.5	5.1	1.5	2.3	9.6	11.9
10:00	3.7	4.7	4.1	5.1	1.8	2.3	8.5	13.3
11:00	4.2	5.3	4.6	5.5	2.1	2.5	10.8	12.4
12:00	4.3	5.7	4.8	6.0	2.1	2.7	10.8	11.7
13:00	3.6	6.8	4.3	7.2	1.9	3.2	10.1	14.4
14:00	2.6	7.9	4.7	9.9	2.1	4.4	25.2	42.1
15:00	1.6	7.2	3.3	11.0	1.5	4.9	19.0	28.9
16:00	2.1	9.5	4.9	9.8	2.2	4.4	18.3	25.6
17:00	1.7	4.6	2.8	4.5	1.3	2.0	12.8	14.4
18:00	2.3	6.1	3.3	6.0	1.5	2.7	16.0	20.6
19:00	2.0	3.6	2.3	3.5	1.0	1.6	8.2	8.5
20:00	4.7	16.8	5.3	16.7	2.4	7.5	16.5	29.3
21:00	2.0	6.9	2.4	6.9	1.1	3.1	8.0	14.2
22:00	.9	2.6	1.3	2.6	.6	1.2	3.2	6.2
23:00	.5	4.5	1.3	4.4	.6	2.0	3.9	7.8
Avg	1.8	1.8	2.4	4.9	1.1	2.2	8.4	12.4
Max	4.7	16.8	5.3	16.7	2.4	7.5	25.2	42.1
Hr. of Max	20	20	20	20	20	20	14	14
Min	.1	.4	.2	.4	.1	.2	1.8	2.1
Count	24	24	24	24	24	24	24	24
Total								