Date Printed: 07/14/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/13/2017

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	10_Mix_Ratio_010m
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	None
00:00	23.3	24.1	73.9	75.4	.8	22.5	72.4	97.9	0.0176
01:00	23.0	23.9	73.4	75.0	.9	22.2	71.9	97.9	0.0173
02:00	22.4	23.7	72.4	74.7	1.3	21.7	71.0	98.1	0.0168
03:00	22.2	23.0	72.0	73.5	.8	21.5	70.7	98.2	0.0166
04:00	22.0	23.0	71.6	73.4	1.0	21.3	70.3	98.3	0.0164
05:00	21.9	23.0	71.4	73.4	1.2	21.2	70.1	98.4	0.0163
06:00	21.6	22.4	70.8	72.4	.9	20.9	69.6	98.4	0.016
07:00	21.8	22.1	71.2	71.8	.3	20.5	68.8	94.5	0.0155
08:00	23.4	23.0	74.1	73.4	-.4	18.5	65.4	76.1	0.0138
09:00	25.5	24.9	78.0	76.8	-.7	19.9	67.9	73.1	0.0151
10:00	27.0	26.1	80.6	79.0	-.9	20.4	68.7	69.3	0.0155
11:00	28.8	27.4	83.9	81.4	-1.4	20.3	68.6	62.0	0.0155
12:00	29.9	28.9	85.8	84.1	-1.0	20.2	68.4	58.0	0.0154
13:00	31.2	29.9	88.2	85.8	-1.3	20.3 -	68.6 -	54.1	0.0155 -
14:00	28.0	27.4	82.4	81.3	-.6	19.1	66.4	60.2	0.0143
15:00	28.3	28.2	83.0	82.8	-.1	17.0	62.6	52.3	0.0126
16:00	31.3	30.4	88.4	86.7	-.9	16.7	62.0	42.7	0.0124
17:00	31.1	30.9	88.1	87.7	-.2	16.9	62.4	43.9	0.0126
18:00	31.1	30.6	88.0	87.2	-.4	15.8	60.4	41.0	0.0117
19:00	30.2	29.4	86.4	84.9	-.8	19.9	67.7	56.1	0.0152
20:00	28.6	28.1	83.4	82.5	-.5	21.0	69.9	65.8	0.0162
21:00	27.0	27.0	80.6	80.6	.0	22.3	72.2	77.9	0.0175
22:00	25.7	25.9	78.2	78.6	.2	22.7	72.8	85.9	0.0179
23:00	24.6	25.2	76.2	77.4	.7	22.9	73.1	92.9	0.0181
Avg	26.2	26.2	79.3	79.2	.0	20.2	68.4	74.7	0.0155
Max	31.3	30.9	88.4	87.7	1.3	22.9	73.1	98.4	0.0181
Hr. of Max	16	17	16	17	02	23	23	06	23
Min	21.6	22.1	70.8	71.8	-1.4	15.8	60.4	41.0	0.0117
Count	24	24	24	24	24	24	24	24	24
Total									

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	12_Vapor Pr_010m	15_Precip_mm	16_Precip_In	18_Solar_Rad_Wm2	19_Solar_Rad_Lang	20_BarPres_In	21_BarPres_Mb	23_WDir_060m	25_VWDir_060m
Hour	KPa	MM	INCHES	W/M2	Langleys	INHG	KPa	DEG	DEG
00:00	27.3	.0	.00	-2.5	.00	29.20	988.9	282	279
01:00	26.8	.0	.00	-2.6	.00	29.20	988.9	279	278
02:00	26.0	.0	.00	-2.6	.00	29.20	988.8	279	276
03:00	25.7	.0	.00	-2.5	.00	29.19	988.7	284	283
04:00	25.4	.0	.00	-2.4	.00	29.20	988.9	290	290
05:00	25.2	.0	.00	-2.4	.00	29.21	989.2	280	275
06:00	24.8	.0	.00	3.4	.00	29.22	989.6	278	273
07:00	24.1	.0	.00	76.8	.11	29.24	990.1	279	276
08:00	21.5	.0	.00	256.1	.37	29.26	990.7	284	282
09:00	23.5	.0	.00	386.6	.55	29.27	991.1	283	282
10:00	24.1	.0	.00	614.6	.88	29.26	990.8	281	281
11:00	24.1	.0	.00	794.1	1.14	29.25	990.7	276	276
12:00	23.9	.0	.00	683.6	.98	29.24	990.2	278	277
13:00	24.1 -	.0	.00	721.7	1.03	29.22 -	989.7 -	276	276
14:00	22.3	.0	.00	325.8	.47	29.23	989.8	275	281
15:00	19.6	.0	.00	622.1	.89	29.21	989.1	294	296
16:00	19.3	.0	.00	727.4	1.04	29.18	988.2	285	284
17:00	19.6	.0	.00	510.3	.73	29.17	987.9	295	296
18:00	18.2	.0	.00	369.1	.53	29.15	987.3	297	298
19:00	23.5	.0	.00	162.3	.23	29.15	987.1	286	285
20:00	25.1	.0	.00	23.7	.03	29.15	987.1	283	283
21:00	27.1	.0	.00	-2.2	.00	29.17	987.9	282	283
22:00	27.6	.0	.00	-2.3	.00	29.19	988.5	284	283
23:00	27.9	.0	.00	-2.4	.00	29.21	989.0	284	284
Avg	24.0	.0	.00	260.7	.37	29.21	989.1	283	0
Max	27.9	.0	.00	794.1	1.14	29.27	991.1	297	298
Hr. of Max	23	23	23	11	11	09	09	18	18
Min	18.2	.0	.00	-2.6	.00	29.15	987.1	275	273
Count	24	24	24	24	24	24	24	24	24
Total									

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	27_Sigma_060m	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	DEG	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	4	.7	1.5	.7	1.5	.3	.7	2.1	4.1
01:00	3	.4	2.9	.4	2.9	.2	1.3	2.3	5.5
02:00	4	.6	2.5	.6	2.5	.3	1.1	3.0	5.7
03:00	3	.4	1.9	.4	1.9	.2	.9	2.3	3.9
04:00	3	.5	2.3	.5	2.2	.2	1.0	2.3	3.9
05:00	2	.8	1.7	.8	1.7	.4	.8	3.4	4.1
06:00	5	.2	.7	.2	.6	.1	.3	1.6	3.0
07:00	3	.2	1.6	.2	1.5	.1	.7	1.8	4.4
08:00	5	.8	1.4	.8	1.4	.4	.6	4.1	4.8
09:00	3	3.9	5.4	3.9	5.4	1.8	2.4	10.3	11.0
10:00	3	4.6	6.5	4.6	6.4	2.0	2.9	9.6	11.0
11:00	4	4.2	6.0	4.2	6.0	1.9	2.7	9.4	11.0
12:00	5	4.6	7.3	4.6	7.3	2.1	3.3	11.7	16.3
13:00	4	5.5	9.6	5.5	9.6	2.5	4.3	14.9	16.9
14:00	31	1.9	7.2	1.9	8.6	.9	3.9	11.0	18.8
15:00	21	1.2	3.3	1.2	3.5	.5	1.6	4.6	8.2
16:00	8	3.0	4.1	3.0	4.1	1.3	1.8	8.7	9.4
17:00	13	2.0	4.4	2.0	4.5	.9	2.0	8.5	11.4
18:00	4	1.7	5.7	1.7	5.7	.8	2.6	9.2	10.5
19:00	3	4.5	7.3	4.6	7.3	2.0	3.3	11.9	13.5
20:00	2	3.0	4.8	3.0	4.8	1.3	2.1	7.1	8.0
21:00	2	1.7	4.1	1.7	4.1	.8	1.8	4.8	6.4
22:00	2	.4	2.7	.4	2.6	.2	1.2	2.7	4.4
23:00	2	.8	2.9	.8	2.9	.4	1.3	2.1	4.1
Avg	6	2.2	2.2	2.0	4.1	.9	1.9	6.2	8.3
Max	31	5.5	9.6	5.5	9.6	2.5	4.3	14.9	18.8
Hr. of Max	14	13	13	13	13	13	13	13	14
Min	2	.2	.7	.2	.6	.1	.3	1.6	3.0
Count	24	24	24	24	24	24	24	24	24
Total									