Date Printed: 07/15/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/14/2017

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	23.9	24.5	75.0	76.2	.6	22.9	73.2	97.0	0.0181
01:00	23.4	24.1	74.2	75.4	.7	22.6	72.6	97.5	0.0177
02:00	22.9	23.8	73.2	74.8	.9	22.1	71.7	97.8	0.0172
03:00	22.4	23.3	72.4	73.9	.8	21.7	71.0	98.0	0.0168
04:00	22.4	23.0	72.3	73.3	.6	21.7	71.0	98.2	0.0168
05:00	22.2	22.5	72.0	72.5	.3	21.5	70.7	98.2	0.0166
06:00	22.0	22.4	71.5	72.3	.4	21.3	70.3	98.4	0.0164
07:00	22.4	22.3	72.4	72.2	-.1	21.7	71.1	98.5	0.0168
08:00	23.2	22.7	73.7	72.9	-.5	21.5	70.8	93.0	0.0166
09:00	25.6	24.4	78.0	76.0	-1.1	18.8	65.8	68.0	0.014
10:00	28.1	26.9	82.5	80.4	-1.2	19.4	66.9	61.0	0.0146
11:00	29.7	28.4	85.4	83.1	-1.3	19.2	66.5	54.8	0.0144
12:00	30.5	29.3	86.9	84.7	-1.2	19.1	66.4	52.1	0.0144
13:00	30.7	29.4	87.2	85.0	-1.3	19.1	66.4	51.7	0.0144
14:00	27.4	26.6	81.4	79.9	-.8	17.9	64.1	57.6	0.0133
15:00	25.2	24.7	77.3	76.4	-.5	20.4	68.8	77.3	0.0156
16:00	22.8	22.5	73.0	72.5	-.3	21.2	70.1	93.3	0.0163
17:00	22.2	21.8	71.9	71.3	-.3	21.4	70.6	98.1	0.0165
18:00	22.4	22.2	72.4	72.0	-.2	21.7	71.1	98.3	0.0169
19:00	23.2	22.8	73.7	73.0	-.4	22.4	72.2	97.8	0.0176
20:00	23.2	22.9	73.7	73.2	-.3	22.3	72.2	97.7	0.0175
21:00	23.1	22.9	73.6	73.3	-.2	22.3	72.2	98.1	0.0175
22:00	22.6	22.8	72.7	73.0	.1	21.9	71.4	98.3	0.017
23:00	22.5	22.6	72.6	72.7	.1	21.8	71.3	98.3	0.017
Avg	24.3	24.1	75.8	75.4	-.2	21.1	69.9	86.6	0.0163
Max	30.7	29.4	87.2	85.0	.9	22.9	73.2	98.5	0.0181
Hr. of Max	13	13	13	13	02	00	00	07	00
Min	22.0	21.8	71.5	71.3	-1.3	17.9	64.1	51.7	0.0133
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	28.0	.0	.00	-2.5	.00	29.20	988.9	284	284
01:00	27.4	.0	.00	-2.6	.00	29.20	988.7	276	276
02:00	26.6	.0	.00	-2.4	.00	29.19	988.6	276	276
03:00	26.0	.0	.00	-2.4	.00	29.18	988.3	281	281
04:00	26.0	.0	.00	-2.8	.00	29.18	988.3	282	282
05:00	25.7	.0	.00	-1.7	.00	29.19	988.6	285	285
06:00	25.3	.0	.00	2.3	.00	29.21	989.1	284	284
07:00	26.1	.0	.00	49.1	.07	29.22	989.5	286	286
08:00	25.8	.0	.00	175.3	.25	29.23	989.8	281	278
09:00	21.8	.0	.00	474.4	.68	29.23	989.9	280	279
10:00	22.7	.0	.00	659.0	.95	29.22	989.4	275	275
11:00	22.4	.0	.00	817.3	1.17	29.21	989.2	274	276
12:00	22.4	.0	.00	815.2	1.17	29.19	988.4	272	273
13:00	22.3	.0	.00	760.6	1.09	29.17	987.9	282	286
14:00	20.6	.0	.00	550.3	.79	29.18	988.2	314	313
15:00	24.2	.0	.00	372.0	.53	29.18	988.1	312	313
16:00	25.2	2.2	.09	35.1	.05	29.19	988.5	333	331
17:00	25.6	1.7	.07	52.2	.07	29.16	987.6	310	311
18:00	26.1	.0	.00	81.5	.12	29.13	986.5	315	315
19:00	27.1	.0	.00	88.9	.13	29.14	986.8	308	307
20:00	27.1	.0	.00	22.8	.03	29.15	987.3	305	304
21:00	27.0	.0	.00	-2.3	.00	29.16	987.6	314	313
22:00	26.3	.0	.00	-2.3	.00	29.18	988.3	316	316
23:00	26.2	.0	.00	-3.1	.00	29.19	988.4	310	310
Avg	25.2	.2	.01	205.6	.30	29.19	988.4	294	0
Max	28.0	2.2	.09	817.3	1.17	29.23	989.9	333	331
Hr. of Max	00	16	16	11	12	09	09	16	16
Min	20.6	.0	.00	-3.1	.00	29.13	986.5	272	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	2	.5	3.0	.5	3.0	.2	1.3	2.1	4.4
01:00	2	.9	2.6	.9	2.6	.4	1.2	2.5	4.4
02:00	2	.4	2.9	.4	2.9	.2	1.3	2.3	4.6
03:00	3	.8	3.9	.8	3.9	.4	1.8	2.7	5.7
04:00	2	1.0	4.2	1.0	4.1	.5	1.9	3.0	6.0
05:00	3	.8	1.9	.8	1.9	.4	.9	2.5	3.9
06:00	3	.8	3.6	.8	3.6	.4	1.7	3.7	5.5
07:00	3	.5	2.6	.5	2.6	.2	1.2	4.1	7.3
08:00	6	1.3	1.8	1.3	1.8	.6	.8	4.4	5.5
09:00	5	1.9	3.2	1.9	3.2	.8	1.4	6.0	8.2
10:00	5	3.0	4.7	3.0	4.7	1.4	2.1	10.1	10.8
11:00	7	3.8	3.9	3.8	3.9	1.7	1.8	9.2	11.0
12:00	5	3.9	5.4	3.9	5.4	1.8	2.4	11.2	14.9
13:00	4	4.9	10.8	4.9	11.0	2.2	4.9	19.2	28.4
14:00	13	2.5	11.7	2.5	12.0	1.1	5.4	14.2	26.1
15:00	22	2.7	7.4	2.7	8.0	1.2	3.6	20.4	23.1
16:00	10	5.0	8.3	5.0	8.5	2.2	3.8	15.3	18.1
17:00	4	3.2	5.9	3.2	5.8	1.4	2.6	8.5	13.3
18:00	17	.5	3.2	.5	3.4	.2	1.5	2.7	8.2
19:00	4	1.4	2.2	1.4	2.2	.6	1.0	3.2	4.1
20:00	2	2.6	5.9	2.6	5.9	1.2	2.6	7.8	11.2
21:00	2	.5	2.4	.5	2.3	.2	1.1	3.0	3.9
22:00	2	.6	1.5	.6	1.5	.3	.7	3.0	4.1
23:00	3	.3	2.1	.3	2.0	.2	.9	1.8	3.9
Avg	5	2.3	2.3	1.8	4.4	.8	2.0	6.8	9.9
Max	22	5.0	11.7	5.0	12.0	2.2	5.4	20.4	28.4
Hr. of Max	15	16	14	16	14	16	14	15	13
Min	2	.3	1.5	.3	1.5	.2	.7	1.8	3.9
Count	24	24	24	24	24	24	24	24	24
Total									