Date Printed: 07/16/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/15/2017

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	22.3	22.5	72.1	72.5	.2	21.6	70.9	98.4	0.0167
01:00	22.0	22.5	71.7	72.6	.5	21.4	70.5	98.5	0.0165
02:00	21.8	22.3	71.2	72.2	.5	21.1	70.1	98.5	0.0163
03:00	21.9	22.2	71.5	71.9	.2	21.3	70.3	98.6	0.0164
04:00	22.1	22.1	71.8	71.8	.0	21.5	70.6	98.7	0.0166
05:00	22.1	22.2	71.7	71.9	.1	21.4	70.6	98.7	0.0166
06:00	22.3	22.2	72.1	71.9	-.1	21.6	70.9	98.7	0.0167
07:00	22.5 P	22.2 P	72.5 P	72.0 P	-.3 P	P	P	98.6 P	0.017 P
08:00									
09:00	<	<	<	<	<	<	<	<	<
10:00	23.5	23.0	74.3	73.4	-.5	22.7	72.9	98.0	0.0179
11:00	24.5	23.7	76.2	74.6	-.9	22.4	72.3	90.3	0.0176
12:00	24.8	24.0	76.7	75.2	-.8	21.7	71.1	85.4	0.0169
13:00	24.0	23.4	75.3	74.1	-.7	21.4	70.5	87.6	0.0166
14:00	25.1	24.6	77.1	76.3	-.5	18.7	65.6	69.4	0.0139
15:00	26.8	26.0	80.3	78.7	-.9	17.3	63.1	57.6	0.0128
16:00	28.4	27.1	83.1	80.7	-1.3	16.6	61.9	50.4	0.0123
17:00	28.6	27.6	83.6	81.6	-1.1	16.8	62.3	50.3	0.0125
18:00	28.9	27.9	84.1	82.2	-1.0	16.0	60.8	46.9	0.0119
19:00	28.3	27.6	82.9	81.7	-.7	18.7	65.6	57.6	0.014
20:00	27.0	26.9	80.7	80.4	-.1	20.5	68.8	69.5	0.0157
21:00	25.2	26.0	77.3	78.9	.9	23.1	73.5	90.9	0.0184
22:00	23.9	24.5	75.0	76.2	.6	23.0	73.4	97.6	0.0183
23:00	23.2	23.7	73.7	74.6	.5	22.4	72.3	98.0	0.0176
Avg	24.5	24.3	76.1	75.7	-.2	20.5	69.0	83.6	0.0159
Max	28.9	27.9	84.1	82.2	.9	23.1	73.5	98.7	0.0184
Hr. of Max	18	18	18	18	21	21	21	06	21
Min	21.8	22.1	71.2	71.8	-1.3	16.0	60.8	46.9	0.0119
Count	22	22	22	22	22	21	21	22	22
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	25.9	.0	.00	-2.3	.00	29.18	988.1	310	310
01:00	25.5	.0	.00	-2.1	.00	29.17	987.8	309	312
02:00	25.2	.0	.00	-2.6	.00	29.15	987.3	296	288
03:00	25.4	.0	.00	-2.5	.00	29.16	987.5	288	288
04:00	25.6	.0	.00	-2.6	.00	29.16	987.4	293	292
05:00	25.6	.0	.00	-2.3	.00	29.15	987.3	296	296
06:00	25.9	.0	.00	.2	.00	29.17	987.7	294	294
07:00	26.2 P	.0	.00	29.7 P	.04 P	29.16 P	987.7 P	292 P	291 P
08:00		.0	.00						
09:00	<	.3	.01	<	<	<	<	<	<
10:00	27.7	.5	.02	145.1	.21	29.18	988.1	286	285
11:00	27.1	.0	.00	210.1	.30	29.18	988.3	282	280
12:00	26.1	.0	.00	115.9	.17	29.18	988.2	288	286
13:00	25.6	.0	.00	174.0	.25	29.17	987.7	289	288
14:00	21.6	.0	.00	599.2	.86	29.14	986.9	297	298
15:00	19.9	.0	.00	667.1	.96	29.12	986.2	294	293
16:00	19.1	.0	.00	590.1	.85	29.10	985.4	284	284
17:00	19.4	.0	.00	492.4	.71	29.08	984.9	288	288
18:00	18.5	.0	.00	385.0	.55	29.07	984.4	287	286
19:00	21.7	.0	.00	160.5	.23	29.06	984.1	294	293
20:00	24.2	.0	.00	31.7	.05	29.05	983.9	296	296
21:00	28.3	.0	.00	-1.8	.00	29.07	984.4	295	294
22:00	28.2	.0	.00	-2.3	.00	29.08	984.8	287	287
23:00	27.2	.0	.00	-2.5	.00	29.09	985.1	287	287
Avg	24.5	.0	.00	162.7	.24	29.13	986.5	292	0
Max	28.3	.5	.02	667.1	.96	29.18	988.3	310	312
Hr. of Max	21	10	10	15	15	12	11	00	01
Min	18.5	.0	.00	-2.6	.00	29.05	983.9	282	280
Count	22	24	24	22	22	22	22	22	22
Total									

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Interval: 001h

	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	1	.4	2.3	.4	2.3	.2	1.0	2.1	3.7
01:00	3	.6	1.7	.6	1.7	.3	.8	2.5	3.9
02:00	3	.7	1.5	.7	1.4	.3	.7	3.4	4.4
03:00	3	.9	3.9	.9	3.9	.4	1.8	2.7	7.8
04:00	3	.9	4.3	.9	4.2	.4	1.9	3.0	8.0
05:00	2	1.0	2.9	1.0	2.9	.5	1.3	3.9	5.3
06:00	3	1.6	4.9	1.6	4.9	.7	2.2	5.3	6.9
07:00	3 P	.4 P	2.1 P	.4 P	2.1 P	.2 P	.9 P	<	<
08:00									
09:00	<	<	<	<	<	<	<	<	<
10:00	4	1.3	1.8	1.3	1.7	.6	.8	4.1	4.6
11:00	5	1.4	2.5	1.4	2.4	.6	1.1	4.6	6.0
12:00	5	.8	1.6	.8	1.5	.3	.7	4.6	6.0
13:00	7	3.3	4.9	3.3	4.8	1.5	2.2	14.7	15.6
14:00	6	2.5	4.0	2.5	4.0	1.1	1.8	11.0	11.7
15:00	9	2.5	3.3	2.7	3.2	1.2	1.5	7.3	8.5
16:00	4	3.8	4.9	3.8	4.9	1.7	2.2	9.6	9.2
17:00	4	2.9	4.1	2.9	4.1	1.3	1.8	7.1	8.7
18:00	6	3.2	4.0	3.2	3.9	1.4	1.8	8.9	10.1
19:00	4	3.3	4.5	3.3	4.5	1.5	2.0	9.2	8.2
20:00	2	.7	2.4	.7	2.3	.3	1.1	4.1	5.7
21:00	3	.3	2.5	.3	2.4	.1	1.1	1.6	4.6
22:00	3	.4	3.1	.4	3.0	.2	1.4	2.5	4.6
23:00	2	.3	2.6	.3	2.5	.1	1.1	2.1	4.8
Avg	4	1.9	1.9	1.5	3.1	.7	1.4	5.4	7.1
Max	9	3.8	4.9	3.8	4.9	1.7	2.2	14.7	15.6
Hr. of Max	15	16	16	16	16	16	16	13	13
Min	1	.3	1.5	.3	1.4	.1	.7	1.6	3.7
Count	22	22	22	22	22	22	22	21	21
Total									