Date Printed: 07/13/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/12/2017

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	22.2	23.8	72.0	74.8	1.6	21.4	70.5	97.6	0.0165
01:00	21.5	22.6	70.6	72.7	1.2	20.7	69.2	97.8	0.0158
02:00	20.9	22.1	69.7	71.8	1.2	20.2	68.3	98.0	0.0153
03:00	20.5	21.4	69.0	70.6	.9	19.8	67.7	98.1	0.015
04:00	20.3	21.1	68.5	69.9	.8	19.6	67.2	98.1	0.0147
05:00	19.9	20.9	67.9	69.6	.9	19.3	66.7	98.1	0.0144
06:00	19.6	20.5	67.2	69.0	1.0	18.9	66.0	98.2	0.0141
07:00	20.0	20.6	68.0	69.1	.6	18.9	66.0	95.6	0.0141
08:00	22.1	21.8	71.7	71.3	-.3	16.1	60.9	70.4	0.0118
09:00	24.5	23.6	76.0	74.5	-.9	17.1	62.7	64.9	0.0125
10:00	26.0	25.3	78.9	77.5	-.8	18.6	65.5	65.3	0.0138
11:00	27.9	26.6	82.2	79.9	-1.3	19.2	66.5	60.7	0.0144
12:00	29.0	27.7	84.2	81.9	-1.3	19.7	67.5	59.0	0.0149
13:00	30.2	28.9	86.4	84.0	-1.4	19.7	67.4	54.9	0.0149
14:00	30.9	29.6	87.6	85.2	-1.3	19.1	66.5	51.3	0.0144
15:00	31.9	30.2	89.4	86.4	-1.7	18.1	64.5	45.4	0.0135
16:00	32.0	30.5	89.5	86.9	-1.4	18.0	64.4	44.9	0.0135
17:00	30.7	30.0	87.3	86.0	-.7	18.3	64.9	49.3	0.0137
18:00	28.8	28.4	83.9	83.1	-.5	19.9	67.8	60.4	0.0151
19:00	27.3	27.1	81.1	80.8	-.1	21.2	70.2	71.7	0.0164
20:00	26.9	27.0	80.3	80.6	.1	20.8	69.4	71.4	0.0159
21:00	25.7	26.0	78.3	78.8	.3	22.8	73.0	86.5	0.018
22:00	24.6	25.5	76.4	77.9	.8	23.3	73.9	94.9	0.0186
23:00	23.7	24.5	74.7	76.1	.8	22.8	73.1	97.6	0.018
Avg	25.3	25.2	77.5	77.4	-.1	19.7	67.5	76.3	0.015
Max	32.0	30.5	89.5	86.9	1.6	23.3	73.9	98.2	0.0186
Hr. of Max	16	16	16	16	00	22	22	06	22
Min	19.6	20.5	67.2	69.0	-1.7	16.1	60.9	44.9	0.0118
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	25.5	.0	.00	-2.8	.00	29.16	987.4	299	300
01:00	24.5	.0	.00	-2.5	.00	29.15	987.3	291	280
02:00	23.7	.0	.00	-2.7	.00	29.16	987.4	294	294
03:00	23.2	.0	.00	-2.4	.00	29.16	987.4	293	290
04:00	22.8	.0	.00	-2.8	.00	29.17	987.8	299	307
05:00	22.4	.0	.00	-2.5	.00	29.17	988.0	291	273
06:00	21.9	.0	.00	3.4	.00	29.18	988.3	302	304
07:00	21.9	.0	.00	78.1	.11	29.21	989.2	300	304
08:00	18.4	.0	.00	274.6	.39	29.22	989.6	297	293
09:00	19.6	.3	.01	438.2	.63	29.23	990.0	287	285
10:00	21.6	.0	.00	511.9	.73	29.23	990.0	288	286
11:00	22.4	.0	.00	705.4	1.01	29.23	989.9	280	279
12:00	23.2	.0	.00	820.8	1.18	29.22	989.6	278	278
13:00	23.2	.0	.00	866.1	1.24	29.21	989.2	280	280
14:00	22.4	.0	.00	589.3	.85	29.19	988.6	286	284
15:00	21.0	.0	.00	793.5	1.14	29.18	988.2	286	285
16:00	20.9	.0	.00	568.8	.82	29.17	987.7	283	283
17:00	21.3	.0	.00	420.9	.60	29.16	987.4	294	294
18:00	23.4	.0	.00	182.4	.26	29.15	987.1	289	290
19:00	25.3	.0	.00	68.7	.10	29.16	987.4	296	295
20:00	24.7	.0	.00	30.4	.04	29.16	987.6	288	289
21:00	27.8	.0	.00	-1.9	.00	29.17	987.8	286	282
22:00	28.7	.0	.00	-2.6	.00	29.18	988.3	286	285
23:00	27.9	.0	.00	-2.4	.00	29.20	988.7	288	289
Avg	23.2	.0	.00	263.7	.38	29.18	988.3	290	0
Max	28.7	.3	.01	866.1	1.24	29.23	990.0	302	307
Hr. of Max	22	09	09	13	13	11	10	06	04
Min	18.4	.0	.00	-2.8	.00	29.15	987.1	278	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	3	.5	1.2	.5	1.2	.2	.5	2.5	3.2
01:00	3	.6	.4	.6	.3	.3	.2	2.5	2.5
02:00	3	.4	.3	.4	.3	.2	.2	2.3	2.5
03:00	2	.2	.1	.2	.0	.1	.0	1.8	2.3
04:00	3	.3	.1	.3	.0	.2	.0	1.4	1.4
05:00	15	.1	.5	.1	.5	.0	.2	1.6	2.7
06:00	3	.4	1.7	.4	1.7	.2	.8	2.1	3.7
07:00	2	.1	.7	.1	.6	.0	.3	1.6	2.5
08:00	9	.2	.1	.2	.1	.1	.1	1.8	2.7
09:00	11	1.3	1.6	1.3	1.5	.6	.7	5.0	7.1
10:00	7	1.9	2.9	1.9	2.9	.9	1.3	7.8	7.8
11:00	6	2.9	4.8	2.9	4.8	1.3	2.2	8.2	10.1
12:00	6	3.9	5.8	3.9	5.8	1.7	2.6	10.5	14.7
13:00	6	3.3	4.8	3.3	4.7	1.5	2.1	8.5	10.8
14:00	6	2.7	2.6	2.7	2.5	1.2	1.2	9.2	8.9
15:00	7	3.7	4.2	3.7	4.2	1.7	1.9	10.3	12.8
16:00	6	3.8	6.2	3.8	6.2	1.7	2.8	12.4	11.9
17:00	3	3.6	9.8	3.6	9.7	1.6	4.4	14.4	16.3
18:00	3	3.1	5.5	3.1	5.4	1.4	2.4	9.6	11.9
19:00	4	1.1	3.3	1.1	3.3	.5	1.5	7.6	8.0
20:00	4	.6	1.2	.6	1.2	.3	.5	2.5	3.0
21:00	5	.5	1.0	.5	.9	.2	.4	2.3	2.7
22:00	2	.4	.5	.4	.5	.2	.2	2.7	3.0
23:00	4	.7	1.2	.7	1.2	.3	.5	2.7	2.5
Avg	5	1.0	1.0	1.5	2.4	.7	1.1	5.5	6.5
Max	15	3.9	9.8	3.9	9.7	1.7	4.4	14.4	16.3
Hr. of Max	05	12	17	12	17	16	17	17	17
Min	2	.1	.1	.1	.0	.0	.0	1.4	1.4
Count	24	24	24	24	24	24	24	24	24
Total									