Date Printed: 07/21/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/20/2017

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	22.9	24.5	73.1	76.2	1.7	21.8	71.2	96.1	0.0169
01:00	22.1	23.6	71.9	74.4	1.4	21.3	70.4	97.5	0.0164
02:00	21.5	22.4	70.7	72.3	.9	20.7	69.3	97.7	0.0158
03:00	21.2	21.8	70.1	71.2	.6	20.4	68.8	97.9	0.0155
04:00	20.7	21.4	69.2	70.5	.7	19.9	67.9	97.9	0.0151
05:00	20.4	21.1	68.7	70.0	.7	19.7	67.4	98.0	0.0148
06:00	20.2	20.9	68.4	69.7	.7	19.5	67.1	98.1	0.0147
07:00	20.5	21.5	69.0	70.7	.9	18.6	65.4	90.9	0.0138
08:00	22.7	22.2	72.9	72.0	-.5	16.2	61.2	68.4	0.0119
09:00	25.2	24.4	77.4	76.0	-.8	16.1	60.9	58.4	0.0118
10:00	27.5	26.9	81.5	80.3	-.6	16.6	61.9	52.8	0.0122
11:00	29.2	28.1	84.5	82.6	-1.0	17.5	63.5	51.0	0.013
12:00	30.2	29.6	86.3	85.3	-.5	17.8	64.1	49.4	0.0133
13:00	30.9	30.3	87.6	86.6	-.6	17.4	63.4	46.0	0.013
14:00	31.3	30.4	88.4	86.8	-.9	17.7	63.8	45.6	0.0132
15:00	31.9	31.6	89.4	88.9	-.3	15.8	60.4	39.5	0.0118
16:00	32.6	31.9	90.7	89.5	-.7	15.1	59.2	36.1	0.0112
17:00	32.1	31.7	89.8	89.0	-.4	16.3	61.3	40.4	0.0122
18:00	31.3	31.0	88.3	87.8	-.3	19.8	67.7	52.4	0.0152
19:00	30.1	30.4	86.2	86.7	.3	21.4	70.6	62.2	0.0168
20:00	28.3	29.5	83.0	85.0	1.1	23.8	74.8	78.8	0.0192
21:00	27.1	28.1	80.7	82.6	1.0	24.6	76.3	89.4	0.0202
22:00	26.0	27.0	78.8	80.5	1.0	24.8	76.6	96.3	0.0205
23:00	25.5	26.2	77.8	79.2	.8	24.5	76.1	97.6	0.0201
Avg	26.3	26.5	79.4	79.7	.2	19.5	67.1	72.4	0.0149
Max	32.6	31.9	90.7	89.5	1.7	24.8	76.6	98.1	0.0205
Hr. of Max	16	16	16	16	00	22	22	06	22
Min	20.2	20.9	68.4	69.7	-1.0	15.1	59.2	36.1	0.0112
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	26.1	.0	.00	-2.6	.00	29.17	987.9	296	295
01:00	25.4	.0	.00	-2.6	.00	29.17	988.0	299	300
02:00	24.5	.0	.00	-2.6	.00	29.17	987.9	301	301
03:00	24.1	.0	.00	-2.7	.00	29.16	987.6	300	299
04:00	23.4	.0	.00	-2.7	.00	29.15	987.3	302	306
05:00	23.0	.0	.00	-2.6	.00	29.15	987.3	306	308
06:00	22.8	.0	.00	.7	.00	29.16	987.6	306	308
07:00	21.5	.0	.00	90.4	.13	29.17	987.8	306	309
08:00	18.6	.0	.00	263.2	.38	29.19	988.4	295	286
09:00	18.4	.0	.00	464.3	.67	29.20	988.9	292	286
10:00	19.1	.0	.00	518.0	.74	29.20	989.0	300	299
11:00	20.2	.0	.00	700.9	1.01	29.20	988.9	286	284
12:00	20.7	.0	.00	577.1	.83	29.19	988.7	293	294
13:00	20.2	.0	.00	789.3	1.13	29.18	988.1	285	278
14:00	20.5	.0	.00	464.0	.67	29.16	987.4	292	294
15:00	18.3	.0	.00	678.5	.97	29.14	987.0	302	304
16:00	17.5	.0	.00	729.6	1.05	29.13	986.4	273	274
17:00	18.9	.0	.00	409.6	.59	29.10	985.4	256	250
18:00	23.4	.0	.00	218.3	.31	29.08	984.8	252	250
19:00	25.8	.0	.00	83.9	.12	29.07	984.6	266	261
20:00	29.6	.3	.01	17.7	.03	29.08	984.7	299	303
21:00	31.1	.0	.00	-2.3	.00	29.10	985.5	292	289
22:00	31.4	.0	.00	-2.1	.00	29.11	985.8	294	295
23:00	30.9	.0	.00	-2.3	.00	29.12	986.1	299	299
Avg	23.1	.0	.00	249.3	.36	29.15	987.1	292	0
Max	31.4	.3	.01	789.3	1.13	29.20	989.0	306	309
Hr. of Max	22	20	20	13	13	11	10	07	07
Min	17.5	.0	.00	-2.7	.00	29.07	984.6	252	250
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	.8	.5	.7	.2	.3	2.1	2.1
01:00	1	.1	.3	.1	.3	.1	.1	1.1	1.4
02:00	1	.2	.7	.2	.6	.1	.3	1.4	2.3
03:00	2	.1	.1	.1	.0	.0	.0	.9	1.1
04:00	2	.3	.8	.3	.7	.2	.4	1.8	2.1
05:00	1	.1	.7	.1	.7	.0	.3	1.6	2.1
06:00	2	.5	.8	.5	.8	.2	.4	2.1	2.7
07:00	3	.5	.6	.5	.5	.2	.3	2.1	3.0
08:00	6	.6	.9	.6	.9	.2	.4	2.7	3.4
09:00	15	.7	.8	.8	.8	.3	.4	3.0	3.4
10:00	14	.9	.7	.9	.7	.4	.3	3.7	3.9
11:00	15	1.4	1.5	1.5	1.5	.7	.7	6.0	5.7
12:00	24	1.0	2.5	1.0	2.7	.5	1.3	5.5	8.2
13:00	20	1.6	2.2	1.6	2.3	.7	1.1	6.4	6.9
14:00	10	1.7	2.6	1.8	2.6	.8	1.2	5.5	11.2
15:00	21	1.3	3.6	1.4	3.8	.6	1.7	6.4	12.1
16:00	26	2.3	4.3	2.4	5.0	1.1	2.2	8.9	11.9
17:00	20	2.3	3.8	2.5	4.0	1.1	1.8	5.3	8.2
18:00	6	1.5	2.7	1.6	2.7	.7	1.2	4.6	6.2
19:00	9	1.2	2.2	1.2	2.1	.5	1.0	3.0	3.9
20:00	25	.6	2.5	.6	2.8	.3	1.3	3.2	6.4
21:00	22	.3	1.3	.3	1.5	.1	.7	1.8	5.5
22:00	2	.9	1.9	1.0	1.8	.4	.8	3.0	4.4
23:00	4	.5	1.6	.5	1.6	.2	.7	2.1	4.6
Avg	11	.6	.6	.9	1.7	.4	.8	3.5	5.1
Max	26	2.3	4.3	2.5	5.0	1.1	2.2	8.9	12.1
Hr. of Max	16	17	16	17	16	17	16	16	15
Min	1	.1	.1	.1	.0	.0	.0	.9	1.1
Count	24	24	24	24	24	24	24	24	24
Total									