Date Printed: 07/18/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/17/2017

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	21.7	23.5	71.1	74.2	1.7	20.9	69.6	97.4	0.0161
01:00	21.7	22.8	71.0	73.1	1.1	20.5	68.8	95.1	0.0156
02:00	20.8	22.4	69.5	72.3	1.6	20.0	68.0	97.2	0.0152
03:00	20.2	21.5	68.3	70.7	1.3	19.4	66.9	97.7	0.0146
04:00	19.6	21.1	67.4	70.0	1.4	18.9	66.1	97.9	0.0142
05:00	19.3	20.4	66.7	68.8	1.1	18.6	65.5	98.0	0.0139
06:00	19.0	20.2	66.1	68.4	1.2	18.3	65.0	98.1	0.0136
07:00	19.1	20.2	66.3	68.4	1.2	17.7	63.9	94.1	0.0131
08:00	21.0	20.5	69.8	69.0	-.5	17.4	63.3	81.6	0.0129
09:00	22.8	21.9	73.0	71.4	-.9	17.9	64.2	75.8	0.0133
10:00	24.3	23.7	75.8	74.7	-.6	16.0	60.7	61.0	0.0117
11:00	26.2	25.2	79.2	77.3	-1.0	17.3	63.1	59.5	0.0128
12:00	27.9	26.9	82.3	80.3	-1.1	17.4	63.4	54.3	0.013
13:00	29.0	28.6	84.1	83.4	-.4	17.2	63.0	50.7	0.0128
14:00	29.6	29.5	85.3	85.1	-.1	15.6	60.1	44.4	0.0116
15:00	30.8	30.3	87.4	86.6	-.5	13.4	56.1	35.7	0.01
16:00	31.3	30.9	88.4	87.6	-.4	12.5	54.5	32.7	0.0095
17:00	31.4	31.0	88.5	87.8	-.4	11.7	53.1	30.9	0.009
18:00	31.1	30.9	88.0	87.6	-.2	10.9	51.7	29.9	0.0086
19:00	30.2	30.4	86.3	86.7	.2	12.5	54.5	34.9	0.0095
20:00	28.7	28.9	83.6	84.1	.2	17.7	63.8	53.4	0.0132
21:00	25.8	27.4	78.4	81.4	1.6	21.0	69.9	77.3	0.0163
22:00	24.3	25.8	75.7	78.5	1.6	21.6	70.9	87.6	0.0168
23:00	23.1	24.6	73.6	76.3	1.5	21.9	71.4	95.4	0.0171
Avg	25.0	25.4	76.9	77.7	.4	17.3	63.2	70.0	0.0131
Max	31.4	31.0	88.5	87.8	1.7	21.9	71.4	98.1	0.0171
Hr. of Max	17	17	17	17	00	23	23	06	23
Min	19.0	20.2	66.1	68.4	-1.1	10.9	51.7	29.9	0.0086
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	24.7	.0	.00	-2.5	.00	29.04	983.4	315	316
01:00	24.1	.0	.00	-2.4	.00	29.04	983.6	302	301
02:00	23.4	.0	.00	-2.7	.00	29.04	983.3	295	272
03:00	22.6	.0	.00	-2.7	.00	29.03	983.0	304	306
04:00	21.9	.0	.00	-2.6	.00	29.02	982.9	299	288
05:00	21.5	.0	.00	-2.7	.00	29.03	983.2	286	283
06:00	21.1	.0	.00	2.5	.00	29.05	983.8	308	312
07:00	20.4	.0	.00	95.8	.14	29.07	984.4	260	251
08:00	20.0	.3	.01	169.5	.24	29.08	985.0	282	268
09:00	20.6	.0	.00	314.3	.45	29.10	985.3	292	287
10:00	18.3	.0	.00	645.4	.93	29.10	985.4	294	291
11:00	19.9	.0	.00	795.3	1.14	29.09	985.1	283	284
12:00	20.1	.0	.00	885.5	1.27	29.09	985.0	284	283
13:00	19.9	.0	.00	742.7	1.07	29.08	984.8	289	291
14:00	18.1	.0	.00	750.2	1.08	29.06	984.3	284	289
15:00	15.6	.0	.00	794.1	1.14	29.05	983.8	300	302
16:00	14.8	.0	.00	697.1	1.00	29.04	983.4	302	304
17:00	14.0	.0	.00	557.7	.80	29.03	983.1	303	306
18:00	13.4	.0	.00	369.5	.53	29.03	983.3	309	309
19:00	14.8	.0	.00	170.5	.24	29.04	983.5	308	308
20:00	20.5	.0	.00	29.3	.04	29.05	983.8	306	306
21:00	25.1	.0	.00	-2.1	.00	29.06	984.3	306	306
22:00	26.0	.0	.00	-2.5	.00	29.08	985.0	300	291
23:00	26.4	.0	.00	-2.5	.00	29.09	985.3	301	307
Avg	20.3	.0	.00	291.5	.42	29.06	984.1	296	0
Max	26.4	.3	.01	885.5	1.27	29.10	985.4	315	316
Hr. of Max	23	08	08	12	12	10	10	00	00
Min	13.4	.0	.00	-2.7	.00	29.02	982.9	260	251
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	5	.6	4.2	.6	4.2	.3	1.9	2.7	6.6
01:00	7	.5	1.7	.5	1.8	.2	.8	2.7	3.9
02:00	22	.6	.7	.6	.7	.2	.4	2.5	2.5
03:00	6	.7	.2	.7	.2	.3	.1	2.3	2.3
04:00	11	.9	.4	.9	.4	.4	.2	3.0	3.0
05:00	4	1.1	3.0	1.1	3.0	.5	1.4	3.0	7.1
06:00	13	.8	1.2	.8	1.3	.4	.6	2.3	6.2
07:00	33	.9	2.2	.9	2.6	.4	1.2	3.0	5.7
08:00	19	.5	1.4	.5	1.3	.2	.6	3.4	4.4
09:00	10	1.1	1.7	1.1	1.7	.5	.8	5.0	4.6
10:00	7	1.8	2.1	1.8	2.1	.8	.9	5.7	7.1
11:00	10	2.7	3.1	2.7	3.1	1.2	1.4	6.6	8.0
12:00	11	2.3	3.1	2.3	3.1	1.0	1.4	8.7	10.5
13:00	19	1.8	2.3	1.8	2.5	.8	1.1	8.5	8.7
14:00	31	1.6	3.2	1.7	3.9	.8	1.8	9.4	10.1
15:00	13	2.5	3.5	2.6	3.5	1.1	1.6	9.6	10.3
16:00	19	1.9	4.9	1.9	5.2	.9	2.3	9.6	11.9
17:00	22	1.2	5.9	1.2	6.2	.5	2.8	4.8	13.1
18:00	5	.8	5.8	.8	5.8	.4	2.6	5.5	9.6
19:00	2	.5	4.5	.5	4.5	.2	2.0	2.7	7.3
20:00	2	.6	2.7	.6	2.6	.3	1.2	2.1	4.4
21:00	4	.0	1.9	.0	1.9	.0	.9	1.1	4.1
22:00	26	.1	.2	.1	.3	.0	.1	1.6	2.5
23:00	2	.0	.1	.0	.0	.0	.0	.7	1.4
Avg	13	1.4	1.4	1.1	2.5	.5	1.2	4.4	6.5
Max	33	2.7	5.9	2.7	6.2	1.2	2.8	9.6	13.1
Hr. of Max	07	11	17	11	17	11	17	16	17
Min	2	.0	.1	.0	.0	.0	.0	.7	1.4
Count	24	24	24	24	24	24	24	24	24
Total									