Date Printed: 07/17/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/16/2017

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	23.3	73.2	73.9	.4	22.1	71.9	98.3	0.0174
01:00	22.4	23.0	72.4	73.4	.6	21.7	71.1	98.5	0.0169
02:00	22.1	22.6	71.7	72.7	.6	21.4	70.5	98.5	0.0166
03:00	21.8	21.9	71.3	71.4	.1	21.1	70.0	98.5	0.0163
04:00	21.4	21.4	70.4	70.4	.0	20.7	69.2	98.5	0.0159
05:00	21.2	21.0	70.1	69.8	-.2	20.5	69.0	98.6	0.0157
06:00	21.1	20.8	69.9	69.4	-.3	20.4	68.8	98.6	0.0156
07:00	21.0	20.7	69.8	69.2	-.3	20.4	68.7	98.7	0.0155
08:00	21.4	20.8	70.5	69.4	-.6	19.9	67.8	93.4	0.0151
09:00	23.3	22.7	73.9	72.9	-.5	16.0	60.8	65.2	0.0118
10:00	25.3	24.9	77.6	76.9	-.4	17.0	62.7	61.6	0.0126
11:00	27.3	26.4	81.1	79.6	-.8	17.0	62.5	54.7	0.0126
12:00	27.8	27.6	82.1	81.7	-.2	16.8	62.2	53.0	0.0125
13:00	28.9	28.7	84.0	83.6	-.2	16.7	62.0	49.2	0.0124
14:00	30.3	29.7	86.5	85.5	-.6	14.9	58.9	40.5	0.0111
15:00	30.9	30.3	87.6	86.5	-.6	13.8	56.8	36.4	0.0103
16:00	31.5	30.7	88.8	87.3	-.8	13.7	56.7	35.0	0.0103
17:00	30.3	30.3	86.5	86.6	.0	15.7	60.2	43.0	0.0117
18:00	30.1	30.1	86.1	86.1	.0	16.6	61.8	45.9	0.0124
19:00	30.0	30.1	86.0	86.3	.2	13.4	56.1	37.3	0.01
20:00	27.7	28.5	81.8	83.4	.9	17.9	64.3	57.5	0.0135
21:00	26.1	27.1	79.1	80.8	1.0	20.3	68.6	72.4	0.0156
22:00	23.9	25.4	75.0	77.7	1.5	21.3	70.4	88.0	0.0166
23:00	22.5	24.4	72.6	76.0	1.9	21.4	70.6	96.0	0.0166
Avg	25.5	25.5	77.8	77.9	.1	18.4	65.1	71.6	0.014
Max	31.5	30.7	88.8	87.3	1.9	22.1	71.9	98.7	0.0174
Hr. of Max	16	16	16	16	23	00	00	07	00
Min	21.0	20.7	69.8	69.2	-.8	13.4	56.1	35.0	0.01
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	26.8	.0	.00	-2.6	.00	29.10	985.3	280	280
01:00	26.1	.0	.00	-2.2	.00	29.09	985.2	282	279
02:00	25.5	.0	.00	-2.6	.00	29.08	984.7	298	300
03:00	25.2	.0	.00	-2.4	.00	29.07	984.5	268	240
04:00	24.5	.0	.00	-2.7	.00	29.08	984.7	291	288
05:00	24.2	.0	.00	-2.1	.00	29.08	984.9	270	245
06:00	24.1	.0	.00	-.9	.00	29.10	985.3	265	244
07:00	24.0	.0	.00	41.9	.06	29.10	985.4	267	262
08:00	23.3	.0	.00	161.6	.23	29.10	985.5	282	268
09:00	18.3	.0	.00	483.5	.69	29.10	985.4	283	283
10:00	19.6	.3	.01	641.6	.92	29.09	985.3	298	298
11:00	19.5	.0	.00	711.3	1.02	29.09	985.1	278	275
12:00	19.4	.0	.00	732.4	1.05	29.08	985.0	280	277
13:00	19.2	.0	.00	790.4	1.13	29.06	984.2	291	293
14:00	17.2	.0	.00	951.8	1.36	29.04	983.5	271	268
15:00	16.1	.0	.00	804.9	1.15	29.02	982.8	289	291
16:00	16.0	.0	.00	762.8	1.09	29.00	982.1	275	274
17:00	18.2	.0	.00	330.4	.47	28.99	981.7	279	278
18:00	19.2	.0	.00	264.8	.38	28.99	981.6	259	258
19:00	15.6	.0	.00	197.0	.28	28.99	981.8	302	304
20:00	20.8	.0	.00	31.4	.05	29.00	982.2	251	250
21:00	24.0	.0	.00	-2.2	.00	29.01	982.6	253	247
22:00	25.5	.0	.00	-2.6	.00	29.03	983.0	287	279
23:00	25.6	.0	.00	-2.5	.00	29.03	983.2	294	294
Avg	21.6	.0	.00	286.8	.41	29.06	984.0	279	0
Max	26.8	.3	.01	951.8	1.36	29.10	985.5	302	304
Hr. of Max	00	10	10	14	14	09	08	19	19
Min	15.6	.0	.00	-2.7	.00	28.99	981.6	251	240
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	.4	2.7	.4	2.6	.2	1.2	2.1	4.4
01:00	3	.4	1.9	.4	1.8	.2	.8	1.6	3.9
02:00	26	.4	2.6	.4	3.1	.2	1.4	2.1	7.8
03:00	30	.3	1.2	.3	1.4	.2	.6	2.3	5.7
04:00	24	.3	1.0	.3	1.1	.1	.5	1.6	4.8
05:00	25	.3	1.0	.3	1.1	.1	.5	3.0	3.7
06:00	33	.2	1.0	.2	1.1	.1	.5	2.3	3.0
07:00	30	.5	2.1	.5	2.4	.2	1.1	3.9	5.3
08:00	18	.4	.4	.4	.4	.2	.2	2.3	2.7
09:00	28	1.2	2.2	1.2	2.6	.5	1.2	4.6	6.6
10:00	14	2.3	2.3	2.3	2.3	1.0	1.1	6.6	6.4
11:00	18	2.3	2.8	2.3	2.9	1.0	1.3	7.3	8.7
12:00	24	1.5	2.0	1.6	2.2	.7	1.0	5.7	6.2
13:00	21	1.5	1.8	1.5	1.9	.7	.9	6.2	6.4
14:00	32	1.6	2.7	1.6	3.2	.7	1.5	5.5	8.9
15:00	28	2.1	3.8	2.1	4.4	1.0	2.0	8.7	10.5
16:00	27	2.0	4.7	2.0	5.3	.9	2.4	6.9	11.4
17:00	34	1.2	4.6	1.2	5.6	.6	2.5	6.0	11.0
18:00	20	1.6	5.0	1.6	5.2	.7	2.3	4.8	8.7
19:00	30	.7	5.7	.7	6.6	.3	3.0	5.7	11.0
20:00	24	1.0	5.6	1.0	6.2	.4	2.8	4.4	8.7
21:00	20	.8	2.8	.8	2.8	.3	1.3	2.7	6.2
22:00	20	.7	1.6	.7	1.9	.3	.9	2.7	4.4
23:00	20	.5	2.2	.5	2.6	.2	1.2	1.8	5.5
Avg	23	1.3	1.3	1.0	2.9	.5	1.3	4.2	6.7
Max	34	2.3	5.7	2.3	6.6	1.0	3.0	8.7	11.4
Hr. of Max	17	11	19	11	19	15	19	15	16
Min	3	.2	.4	.2	.4	.1	.2	1.6	2.7
Count	24	24	24	24	24	24	24	24	24
Total									