Date Printed: 07/11/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/10/2017

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	19.9	21.7	67.9	71.1	1.8	19.2	66.6	97.8	0.0144
01:00	19.0	20.5	66.2	68.8	1.4	18.3	65.0	98.0	0.0136
02:00	18.3	19.2	65.0	66.6	.9	17.7	63.8	98.0	0.0131
03:00	17.9	18.9	64.2	66.1	1.1	17.3	63.1	98.1	0.0127
04:00	17.4	18.7	63.2	65.6	1.3	16.7	62.1	98.1	0.0123
05:00	16.7	18.0	62.1	64.5	1.3	16.1	61.0	98.1	0.0118
06:00	16.6	17.6	61.9	63.7	1.0	16.0	60.8	98.2	0.0117
07:00	16.9	17.8	62.4	64.1	.9	16.0	60.8	96.4	0.0117
08:00	18.7	18.8	65.6	65.9	.2	11.7	53.1	65.4	0.0089
09:00	21.9	21.3	71.4	70.3	-.6	12.0	53.7	54.6	0.0091
10:00	24.4	24.0	75.9	75.1	-.4	12.7	54.8	49.3	0.0095
11:00	26.8	26.1	80.3	78.9	-.7	13.9	56.9	46.1	0.0103
12:00	28.5	27.5	83.3	81.5	-1.0	13.2	55.7	40.3	0.0099
13:00	29.7	29.0	85.4	84.2	-.7	12.3	54.1	35.3	0.0093
14:00	30.5	29.8	86.9	85.6	-.7	10.3	50.5	29.6	0.0082
15:00	31.3	30.1	88.3	86.2	-1.1	9.9	49.8	27.6	0.008
16:00	31.6	30.3	89.0	86.6	-1.3	9.3	48.8	26.1	0.0077
17:00	31.6	30.3	89.0	86.5	-1.4	9.3	48.7	26.0	0.0077
18:00	31.8	30.2	89.2	86.3	-1.6	9.6	49.4	26.4	0.0079
19:00	30.8	29.6	87.4	85.2	-1.2	12.3	54.2	33.4	0.0094
20:00	28.3	28.5	82.9	83.2	.2	15.5	59.9	47.7	0.0115
21:00	24.9	26.7	76.8	80.0	1.8	19.6	67.4	74.6	0.0149
22:00	22.8	24.5	73.1	76.2	1.7	20.3	68.5	88.0	0.0155
23:00	21.3	23.5	70.3	74.3	2.2	20.3	68.6	96.7	0.0155
Avg	24.1	24.3	75.3	75.7	.2	14.6	58.2	64.6	0.011
Max	31.8	30.3	89.2	86.6	2.2	20.3	68.6	98.2	0.0155
Hr. of Max	18	17	18	16	23	23	23	06	23
Min	16.6	17.6	61.9	63.7	-1.6	9.3	48.7	26.0	0.0077
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	22.3	.0	.00	-2.6	.00	29.15	987.0	295	270
01:00	21.1	.0	.00	-2.8	.00	29.14	987.0	285	270
02:00	20.3	.0	.00	-2.6	.00	29.14	986.8	295	271
03:00	19.8	.0	.00	-2.9	.00	29.13	986.6	303	306
04:00	19.1	.0	.00	-2.8	.00	29.13	986.5	272	257
05:00	18.4	.0	.00	-2.8	.00	29.14	987.0	285	257
06:00	18.2	.0	.00	3.8	.01	29.15	987.3	298	291
07:00	18.3	.0	.00	117.2	.17	29.16	987.4	298	292
08:00	13.9	.0	.00	323.3	.46	29.16	987.7	300	309
09:00	14.2	.0	.00	514.3	.74	29.17	987.9	300	287
10:00	14.8	.0	.00	683.5	.98	29.18	988.3	296	284
11:00	16.1	.0	.00	830.4	1.19	29.18	988.1	293	289
12:00	15.4	.0	.00	918.6	1.32	29.16	987.6	290	289
13:00	14.5	.0	.00	955.0	1.37	29.15	987.1	301	301
14:00	12.8	.0	.00	934.6	1.34	29.13	986.7	286	287
15:00	12.5	.0	.00	861.4	1.24	29.11	985.9	289	288
16:00	12.0	.0	.00	735.8	1.06	29.09	985.2	283	283
17:00	12.0	.0	.00	570.6	.82	29.07	984.6	275	273
18:00	12.3	.0	.00	387.4	.56	29.06	984.2	278	278
19:00	14.6	.0	.00	185.2	.27	29.07	984.5	281	281
20:00	17.9	.0	.00	32.8	.05	29.09	985.1	291	289
21:00	23.0	.0	.00	-1.8	.00	29.10	985.5	303	305
22:00	23.9	.0	.00	-2.6	.00	29.11	985.8	281	270
23:00	24.0	.0	.00	-2.6	.00	29.12	986.3	306	307
Avg	17.1	.0	.00	334.6	.48	29.13	986.5	291	0
Max	24.0	.0	.00	955.0	1.37	29.18	988.3	306	309
Hr. of Max	23	23	23	13	13	11	10	23	08
Min	12.0	.0	.00	-2.9	.00	29.06	984.2	272	257
Count	24	24	24	24	24	24	24	24	24
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	19	.3	.6	.3	.6	.2	.3	1.8	3.4
01:00	15	.4	.7	.4	.7	.2	.3	1.6	2.7
02:00	10	.4	.2	.4	.2	.2	.1	2.1	2.5
03:00	3	.3	.2	.3	.1	.1	.1	1.6	1.1
04:00	17	.2	1.4	.2	1.4	.1	.6	2.1	3.7
05:00	22	.4	1.1	.4	1.2	.2	.6	2.1	4.8
06:00	12	.5	.4	.5	.3	.2	.2	2.7	3.2
07:00	3	.5	.4	.5	.3	.2	.2	2.7	2.7
08:00	8	.2	.3	.2	.2	.1	.1	2.1	2.5
09:00	13	.6	.7	.6	.7	.3	.3	3.7	4.1
10:00	20	1.1	.9	1.1	.9	.5	.4	3.9	4.8
11:00	15	1.6	1.7	1.6	1.7	.7	.8	5.5	8.2
12:00	6	2.4	3.4	2.4	3.4	1.1	1.5	7.1	8.7
13:00	7	2.9	4.0	2.9	4.0	1.3	1.8	9.8	9.4
14:00	20	2.6	2.8	2.6	2.9	1.1	1.3	7.8	9.4
15:00	6	2.7	3.7	2.7	3.6	1.2	1.6	8.7	9.2
16:00	8	1.8	2.7	1.8	2.7	.8	1.2	6.6	7.8
17:00	9	2.0	4.5	2.0	4.5	.9	2.0	7.3	11.7
18:00	4	2.4	4.8	2.4	4.7	1.1	2.1	8.0	9.2
19:00	2	3.4	5.6	3.4	5.6	1.5	2.5	8.0	8.7
20:00	3	.6	1.9	.6	1.9	.3	.9	3.0	5.5
21:00	10	.6	1.6	.6	1.6	.3	.7	2.7	3.7
22:00	10	.5	.9	.5	.9	.2	.4	1.8	3.4
23:00	8	.6	3.6	.6	3.6	.3	1.6	2.5	6.2
Avg	10	.6	.6	1.2	1.9	.5	.9	4.4	5.7
Max	22	3.4	5.6	3.4	5.6	1.5	2.5	9.8	11.7
Hr. of Max	05	19	19	19	19	19	19	13	17
Min	2	.2	.2	.2	.1	.1	.1	1.6	1.1
Count	24	24	24	24	24	24	24	24	24
Total									