Date Printed: 07/22/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/21/2017

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	24.9	25.6	76.9	78.1	.6	24.1	75.3	97.8	0.0195
01:00	24.2	24.9	75.6	76.8	.7	23.4	74.1	98.0	0.0187
02:00	23.6	24.3	74.5	75.8	.7	22.9	73.2	98.2	0.0181
03:00	23.2	23.8	73.8	74.8	.5	22.5	72.4	98.3	0.0177
04:00	22.9	23.5	73.1	74.3	.7	22.1	71.8	98.4	0.0173
05:00	22.3	23.1	72.2	73.6	.8	21.6	70.9	98.4	0.0168
06:00	22.0	23.0	71.7	73.4	.9	21.3	70.4	98.4	0.0165
07:00	22.0	23.1	71.7	73.6	1.1	21.2	70.2	97.8	0.0164
08:00	23.9	23.7	75.0	74.6	-.2	19.1	66.3	76.7	0.0143
09:00	26.1	25.7	79.0	78.2	-.4	18.2	64.8	63.5	0.0136
10:00	28.4	27.9	83.1	82.3	-.4	19.0	66.3	58.9	0.0143
11:00	30.7	29.5	87.2	85.0	-1.2	18.4	65.2	49.6	0.0138
12:00	31.5	30.6	88.7	87.2	-.9	17.3	63.2	44.1	0.0129
13:00	32.3	31.5	90.2	88.7	-.8	17.7	63.8	43.1	0.0132
14:00	33.4	32.3	92.0	90.1	-1.1	16.8	62.2	38.5	0.0125
15:00	33.5	32.5	92.3	90.4	-1.0	16.8	62.2	38.3	0.0125
16:00	32.9	32.9	91.1	91.2	.0	16.6	61.8	39.3	0.0124
17:00	33.6	33.2	92.4	91.8	-.3	15.5	59.9	35.1	0.0116
18:00	33.1	33.0	91.5	91.3	-.1	16.5	61.8	38.5	0.0123
19:00	32.3	32.3	90.2	90.1	.0	19.5 -	67.1 -	48.6	0.0149 -
20:00	30.8	31.1	87.4	88.0	.3	23.2	73.7	66.5	0.0187
21:00	28.9	29.4	83.9	84.9	.5	25.2	77.3	83.5	0.021
22:00	27.4	27.9	81.3	82.2	.5	25.4	77.7	91.9	0.0212
23:00	26.6	27.2	79.9	80.9	.6	25.4	77.8	96.6	0.0213
Avg	27.9	28.0	82.3	82.4	.1	20.4	68.7	70.8	0.0159
Max	33.6	33.2	92.4	91.8	1.1	25.4	77.8	98.4	0.0213
Hr. of Max	17	17	17	17	07	23	23	06	23
Min	22.0	23.0	71.7	73.4	-1.2	15.5	59.9	35.1	0.0116
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	30.0	.0	.00	-2.5	.00	29.12	986.3	288	266
01:00	28.8	.0	.00	-2.4	.00	29.12	986.1	296	298
02:00	27.9	.0	.00	-2.4	.00	29.11	985.7	303	305
03:00	27.3	.0	.00	-2.5	.00	29.10	985.4	285	268
04:00	26.7	.0	.00	-2.3	.00	29.09	985.0	292	283
05:00	25.9	.0	.00	-2.5	.00	29.09	985.3	288	275
06:00	25.5	.0	.00	1.6	.00	29.11	985.7	290	279
07:00	25.3	.0	.00	80.9	.12	29.12	986.3	286	279
08:00	22.2	.0	.00	252.2	.36	29.14	986.7	286	282
09:00	21.1	.0	.00	402.2	.58	29.14	986.7	288	287
10:00	22.2	.0	.00	603.1	.86	29.13	986.5	294	293
11:00	21.4	.0	.00	752.9	1.08	29.13	986.4	269	265
12:00	20.0	.0	.00	809.8	1.16	29.12	986.3	253	250
13:00	20.5	.0	.00	879.1	1.26	29.11	985.9	246	244
14:00	19.4	.0	.00	882.4	1.27	29.10	985.5	260	254
15:00	19.5	.0	.00	659.3	.95	29.07	984.6	254	251
16:00	19.2	.0	.00	435.7	.62	29.05	983.9	256	253
17:00	18.0	.0	.00	479.9	.69	29.04	983.5	277	274
18:00	19.1	.0	.00	311.5	.45	29.04	983.3	271	271
19:00	23.0 -	.0	.00	143.4	.21	29.04 -	983.4 -	283	282
20:00	28.7	.0	.00	26.6	.04	29.04	983.6	278	277
21:00	32.1	.0	.00	-2.0	.00	29.05	983.9	290	290
22:00	32.5	.0	.00	-2.5	.00	29.06	984.1	300	300
23:00	32.6	.0	.00	-1.8	.00	29.06	984.1	299	298
Avg	24.5	.0	.00	279.2	.40	29.09	985.2	281	0
Max	32.6	.0	.00	882.4	1.27	29.14	986.7	303	305
Hr. of Max	23	23	23	14	14	09	09	02	02
Min	18.0	.0	.00	-2.5	.00	29.04	983.3	246	244
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	13	.3	.3	.3	.3	.2	.1	1.6	2.5
01:00	3	.5	1.0	.5	1.0	.2	.5	2.1	3.0
02:00	11	.1	.7	.1	.7	.1	.3	1.1	3.4
03:00	12	.1	.6	.1	.6	.0	.3	1.4	2.7
04:00	27	.1	.8	.1	.9	.1	.4	1.4	3.7
05:00	21	.2	.8	.2	.9	.1	.4	1.8	3.2
06:00	20	.2	.7	.3	.7	.1	.3	1.8	2.3
07:00	32	.6	1.5	.6	1.8	.3	.8	2.7	3.7
08:00	7	.6	.8	.6	.8	.3	.4	3.7	3.7
09:00	5	1.3	1.9	1.3	1.8	.6	.8	6.0	6.2
10:00	10	1.8	1.9	1.9	1.9	.8	.9	7.3	6.0
11:00	14	1.8	1.8	1.8	1.9	.8	.9	8.5	6.6
12:00	14	1.9	3.0	2.0	3.0	.9	1.3	5.7	7.6
13:00	14	2.1	3.7	2.1	3.7	.9	1.7	8.7	9.6
14:00	24	1.7	2.6	1.7	2.8	.8	1.3	7.3	8.0
15:00	19	2.0	3.3	2.0	3.4	.9	1.6	6.9	7.8
16:00	33	1.7	3.6	1.7	4.2	.8	1.9	4.8	9.6
17:00	33	1.5	2.8	1.6	3.3	.7	1.5	5.3	8.7
18:00	40	1.1	3.0	1.1	3.9	.5	1.8	4.4	7.8
19:00	36	1.2	2.5	1.2	3.2	.6	1.4	3.0	6.2
20:00	28	.9	1.0	.9	1.1	.4	.5	3.0	2.7
21:00	2	.3	1.9	.3	1.9	.1	.9	2.1	3.7
22:00	3	.4	1.5	.4	1.5	.2	.7	2.5	3.0
23:00	1	.2	.3	.2	.3	.1	.1	1.4	1.6
Avg	18	.9	.9	1.0	1.9	.4	.9	3.9	5.1
Max	40	2.1	3.7	2.1	4.2	.9	1.9	8.7	9.6
Hr. of Max	18	13	13	13	16	15	16	13	16
Min	1	.1	.3	.1	.3	.0	.1	1.1	1.6
Count	24	24	24	24	24	24	24	24	24
Total									