Date Printed: 07/12/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/11/2017

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	20.6	22.1	69.0	71.9	1.6	19.8	67.6	97.5	0.0149
01:00	19.9	21.1	67.8	69.9	1.2	19.1	66.5	97.8	0.0143
02:00	19.3	20.4	66.8	68.7	1.1	18.6	65.5	98.0	0.0139
03:00	18.8	19.9	65.8	67.7	1.1	18.1	64.6	98.0	0.0134
04:00	18.3	18.9	64.9	66.0	.6	17.7	63.8	98.1	0.013
05:00	17.8	18.8	64.1	65.9	1.0	17.2	63.0	98.1	0.0127
06:00	17.4	19.2	63.3	66.5	1.8	16.8	62.2	98.2	0.0123
07:00	17.6	18.3	63.7	65.0	.7	16.6	61.8	95.7	0.0121
08:00	19.6	19.5	67.3	67.2	-.1	13.6	56.4	69.5	0.01
09:00	22.4	22.0	72.3	71.6	-.4	13.9	57.0	59.9	0.0102
10:00	24.8	24.0	76.6	75.2	-.7	15.5	60.0	57.9	0.0114
11:00	27.0	26.1	80.6	79.0	-.9	17.0	62.6	55.9	0.0126
12:00	28.5	27.7	83.3	81.8	-.8	16.7	62.1	50.3	0.0123
13:00	30.5	29.0	86.8	84.3	-1.4	16.1	61.0	43.4	0.0119
14:00	31.5	30.1	88.7	86.1	-1.4	14.0	57.2	35.7	0.0104
15:00	32.0	30.6	89.5	87.0	-1.4	12.7	54.9	32.0	0.0096
16:00	32.6	30.8	90.6	87.5	-1.7	12.7	54.8	30.9	0.0096
17:00	32.6	30.9	90.7	87.6	-1.7	12.4	54.4	30.3	0.0094
18:00	32.1	30.8	89.8	87.5	-1.3	12.8	55.1	31.9	0.0097
19:00	31.2	30.4	88.2	86.7	-.8	14.3	57.7	36.9	0.0106
20:00	29.3	29.4	84.7	85.0	.1	18.3	65.0	54.5	0.0139
21:00	26.4	27.7	79.6	81.9	1.3	21.9	71.4	78.5	0.0171
22:00	24.5	26.4	76.0	79.6	2.0	22.0	71.5	88.5	0.0172
23:00	23.0	24.8	73.4	76.6	1.8	21.8	71.2	95.6	0.017
Avg	24.9	25.0	76.8	76.9	.1	16.7	62.0	68.0	0.0125
Max	32.6	30.9	90.7	87.6	2.0	22.0	71.5	98.2	0.0172
Hr. of Max	17	17	17	17	22	22	22	06	22
Min	17.4	18.3	63.3	65.0	-1.7	12.4	54.4	30.3	0.0094
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	23.1	.0	.00	-2.7	.00	29.13	986.6	304	306
01:00	22.2	.0	.00	-2.7	.00	29.13	986.6	290	283
02:00	21.5	.0	.00	-2.7	.00	29.12	986.2	294	296
03:00	20.8	.0	.00	-2.5	.00	29.12	986.3	287	285
04:00	20.2	.0	.00	-2.5	.00	29.11	985.8	297	298
05:00	19.7	.0	.00	-2.7	.00	29.11	985.8	300	301
06:00	19.2	.0	.00	2.0	.00	29.14	986.7	269	254
07:00	18.9	.0	.00	103.4	.15	29.15	987.1	294	271
08:00	15.6	.0	.00	291.2	.42	29.17	987.7	290	287
09:00	16.0	.0	.00	488.3	.70	29.17	988.0	288	286
10:00	17.8	.0	.00	672.2	.96	29.17	987.7	288	288
11:00	19.6	.0	.00	783.4	1.12	29.17	987.8	290	289
12:00	19.2	.0	.00	905.5	1.30	29.18	988.1	284	284
13:00	18.6	.0	.00	943.4	1.35	29.16	987.4	279	279
14:00	16.3	.0	.00	893.8	1.28	29.15	987.1	286	285
15:00	15.0	.0	.00	847.1	1.21	29.15	987.3	282	281
16:00	15.0	.0	.00	714.0	1.02	29.13	986.6	280	280
17:00	14.7	.0	.00	565.2	.81	29.10	985.6	279	277
18:00	15.1	.0	.00	376.6	.54	29.09	985.1	262	262
19:00	16.6	.0	.00	181.9	.26	29.08	984.8	266	264
20:00	21.5	.0	.00	26.1	.04	29.09	985.3	283	282
21:00	26.4	.0	.00	-2.0	.00	29.12	986.2	283	283
22:00	26.5	.0	.00	-2.6	.00	29.14	986.7	291	288
23:00	26.2	.0	.00	-2.6	.00	29.15	987.2	293	294
Avg	19.4	.0	.00	323.8	.47	29.13	986.7	286	0
Max	26.5	.0	.00	943.4	1.35	29.18	988.1	304	306
Hr. of Max	22	23	23	13	13	12	12	00	00
Min	14.7	.0	.00	-2.7	.00	29.08	984.8	262	254
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	4	.5	.9	.5	.9	.2	.4	1.8	2.7
01:00	5	.7	.6	.7	.5	.3	.3	2.5	2.7
02:00	2	.2	.2	.2	.1	.1	.1	1.8	1.6
03:00	3	.5	1.5	.5	1.5	.2	.7	2.1	3.2
04:00	2	.2	1.2	.2	1.1	.1	.5	2.1	2.5
05:00	11	.6	1.0	.6	1.0	.3	.5	2.1	3.2
06:00	23	.7	2.1	.7	2.2	.3	1.0	3.0	5.0
07:00	9	.2	.6	.2	.6	.1	.3	2.1	3.9
08:00	14	.4	.9	.4	.9	.2	.4	3.4	3.7
09:00	17	1.0	1.5	1.0	1.5	.4	.7	4.4	5.7
10:00	5	2.5	2.9	2.5	2.8	1.1	1.3	7.8	7.1
11:00	6	3.0	4.3	3.0	4.3	1.4	1.9	8.5	9.4
12:00	9	3.0	4.0	3.0	4.0	1.3	1.8	9.8	9.2
13:00	4	3.8	6.2	3.8	6.2	1.7	2.8	10.8	12.8
14:00	5	4.3	6.8	4.3	6.7	1.9	3.0	12.1	13.5
15:00	7	2.7	3.7	2.7	3.7	1.2	1.7	8.2	9.8
16:00	7	2.2	3.5	2.2	3.5	1.0	1.6	8.2	10.3
17:00	7	1.9	3.2	1.9	3.2	.8	1.5	7.8	8.2
18:00	10	1.4	3.0	1.4	3.0	.6	1.4	5.0	7.1
19:00	5	.8	2.7	.8	2.7	.4	1.2	3.9	4.6
20:00	2	.6	2.7	.6	2.7	.3	1.2	3.0	6.2
21:00	2	.9	3.3	.9	3.2	.4	1.5	2.3	6.2
22:00	3	.4	.8	.4	.7	.2	.3	2.1	3.4
23:00	3	.3	1.1	.3	1.0	.1	.5	1.8	3.0
Avg	7	1.2	1.2	1.4	2.4	.6	1.1	4.9	6.0
Max	23	4.3	6.8	4.3	6.7	1.9	3.0	12.1	13.5
Hr. of Max	06	14	14	14	14	14	14	14	14
Min	2	.2	.2	.2	.1	.1	.1	1.8	1.6
Count	24	24	24	24	24	24	24	24	24
Total									