Date Printed: 07/20/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/19/2017

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	23.6	24.5	74.5	76.0	.8	22.8	73.0	97.7	0.018
01:00	23.0	23.4	73.3	74.1	.4	22.2	71.9	98.1	0.0173
02:00	22.6	22.8	72.6	73.1	.3	21.8	71.3	98.3	0.017
03:00	21.9	22.4	71.5	72.3	.5	21.2	70.2	98.3	0.0163
04:00	21.6	21.9	70.8	71.4	.3	20.9	69.6	98.3	0.016
05:00	21.2	21.4	70.2	70.6	.2	20.6	69.0	98.4	0.0157
06:00	20.7	21.5	69.3	70.7	.8	20.0	68.1	98.4	0.0152
07:00	20.9	21.0	69.6	69.8	.1	20.0	68.0	97.1	0.0151
08:00	22.7	22.3	72.8	72.1	-.4	16.7	62.0	70.8	0.0122
09:00	24.9	24.8	76.9	76.6	-.1	15.1	59.2	55.7	0.0111
10:00	27.2	26.7	81.0	80.1	-.5	15.9	60.7	51.5	0.0117
11:00	29.2	28.4	84.6	83.2	-.8	16.3	61.4	47.1	0.0121
12:00	30.8	29.9	87.4	85.8	-.9	16.3	61.3	43.0	0.012
13:00	31.4	30.8	88.5	87.4	-.6	16.5	61.7	42.3	0.0122
14:00	32.0	31.1	89.6	88.0	-.8	15.5	59.9	38.3	0.0115
15:00	32.4	31.6	90.3	88.9	-.8	15.0	59.0	36.2	0.0111
16:00	33.2	32.4	91.7	90.3	-.8	13.6	56.5	31.8	0.0102
17:00	33.1	32.6	91.5	90.7	-.4	12.2	54.0	29.1	0.0093
18:00	32.5	32.0	90.5	89.6	-.5	12.9	55.3	31.5	0.0097
19:00	31.3 P	31.1 P	88.3 P	88.1 P	-.1 P	P	P	34.5 P	0.0099 P
20:00	29.2	29.8	84.5	85.6	.6	17.6	63.7	52.0	0.0132
21:00	27.4	28.2	81.3	82.7	.8	20.8	69.4	69.2	0.0159
22:00	25.3	27.1	77.5	80.8	1.9	21.3	70.3	80.7	0.0164
23:00	24.0	25.5	75.2	77.9	1.5	21.4	70.5	87.7	0.0165
Avg	26.8	26.8	80.1	80.2	.1	18.1	64.6	66.1	0.0136
Max	33.2	32.6	91.7	90.7	1.9	22.8	73.0	98.4	0.018
Hr. of Max	16	17	16	17	22	00	00	06	00
Min	20.7	21.0	69.3	69.8	-.9	12.2	54.0	29.1	0.0093
Count	24	24	24	24	24	23	23	24	24
Total									

Date Printed: 07/20/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/19/2017

Interval: 001h

	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	27.8	.0	.00	-2.3	.00	29.17	987.8	307	310
01:00	26.8	.0	.00	-2.4	.00	29.17	987.8	305	306
02:00	26.2	.0	.00	-2.5	.00	29.17	987.9	297	297
03:00	25.3	.0	.00	-2.6	.00	29.17	987.7	306	307
04:00	24.8	.0	.00	-2.3	.00	29.17	987.8	307	307
05:00	24.3	.0	.00	-2.4	.00	29.18	988.2	298	297
06:00	23.5	.0	.00	2.8	.00	29.18	988.3	297	290
07:00	23.4	.0	.00	86.8	.12	29.20	988.8	303	303
08:00	19.1	.0	.00	254.0	.36	29.21	989.2	301	298
09:00	17.3	.0	.00	462.3	.66	29.22	989.4	305	306
10:00	18.3	.0	.00	644.4	.92	29.22	989.4	298	297
11:00	18.8	.3	.01	788.7	1.13	29.21	989.3	294	292
12:00	18.8	.0	.00	788.6	1.13	29.20	988.8	299	297
13:00	19.1	.0	.00	790.2	1.13	29.19	988.4	297	298
14:00	17.9	.0	.00	885.1	1.27	29.17	987.9	300	301
15:00	17.3	.0	.00	767.4	1.10	29.16	987.4	302	301
16:00	15.9	.0	.00	736.0	1.06	29.14	986.8	303	303
17:00	14.5	.0	.00	557.9	.80	29.13	986.5	306	306
18:00	15.2	.0	.00	365.3	.52	29.13	986.3	305	305
19:00	15.5 P	.0 P	.00 P	171.0 P	.25 P	29.13 P	986.5 P	304 P	304 P
20:00	20.5	.0	.00	27.1	.04	29.14	986.7	305	305
21:00	24.6	.0	.00	-2.1	.00	29.15	987.0	305	305
22:00	25.4	.0	.00	-2.3	.00	29.16	987.5	304	305
23:00	25.5	.0	.00	-2.6	.00	29.16	987.7	301	303
Avg	21.1	.0	.00	304.4	.44	29.17	987.9	302	0
Max	27.8	.3	.01	885.1	1.27	29.22	989.4	307	310
Hr. of Max	00	11	11	14	14	10	10	04	00
Min	14.5	.0	.00	-2.6	.00	29.13	986.3	294	290
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 07/20/2017 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

7/19/2017

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	2	.5	.6	.5	.6	.2	.3	2.1	2.5
01:00	2	.6	1.1	.6	1.0	.3	.5	2.5	2.7
02:00	4	.2	.8	.2	.8	.1	.4	2.1	3.2
03:00	2	.4	1.6	.4	1.6	.2	.7	1.8	3.4
04:00	2	.5	2.0	.5	2.0	.2	.9	1.6	3.2
05:00	3	.3	1.4	.3	1.3	.1	.6	1.6	3.0
06:00	7	1.0	1.1	1.1	1.1	.5	.5	3.2	3.9
07:00	3	.2	1.1	.2	1.1	.1	.5	1.6	3.0
08:00	9	.2	.5	.2	.5	.1	.2	1.6	2.7
09:00	4	.5	.8	.5	.7	.2	.3	2.7	3.2
10:00	13	1.5	1.7	1.5	1.7	.7	.8	5.3	5.5
11:00	11	2.0	2.2	2.0	2.2	.9	1.0	6.2	6.6
12:00	8	1.9	2.1	1.9	2.1	.8	1.0	6.6	8.5
13:00	15	3.0	3.5	3.0	3.5	1.3	1.6	9.2	8.7
14:00	5	3.5	6.4	3.5	6.3	1.6	2.8	10.5	14.4
15:00	5	3.5	6.9	3.9	6.9	1.8	3.1	12.8	17.2
16:00	5	4.3	8.9	4.3	8.9	1.9	4.0	14.2	18.1
17:00	7	1.6	8.7	1.7	8.7	.7	3.9	9.4	14.9
18:00	3	2.0	9.7	2.1	9.6	.9	4.3	8.7	15.3
19:00	2 P	1.3 P	7.9 P	1.3 P	7.8 P	.6 P	3.5 P	<	<
20:00	1	.6	7.2	.6	7.2	.3	3.2	3.4	10.1
21:00	2	.1	4.1	.1	4.0	.1	1.8	2.1	6.6
22:00	1	.1	3.5	.1	3.4	.1	1.6	1.1	6.0
23:00	2	.6	.6	.6	.6	.3	.3	1.8	2.5
Avg	5	1.0	1.0	1.3	3.4	.6	1.6	4.9	7.2
Max	15	4.3	9.7	4.3	9.6	1.9	4.3	14.2	18.1
Hr. of Max	13	16	18	16	18	16	18	16	16
Min	1	.1	.5	.1	.5	.1	.2	1.1	2.5
Count	24	24	24	24	24	24	24	23	23
Total									