Date Printed: 09/20/2015 01:20

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

Daily Summary Report

Site: Tower "A" (7900 Area)

9/19/2015

Interval: 001h

	01_TempC_010m	02_TempC_030m	03_TempF_010m	04_TempF_030m	05_VT Grad	06_DewPtC_010m	08_RH_010m	09_AbsHum_010m	10_MixRatio_010m
Hour	DEGC	DEGC	DEGC	DEGF	DEGC	DEGC	PERCENT	G/M3	COUNT
00:00	17.1	17.6	62.7	63.7	.6	16.8	100.6	14.3	0.0124
01:00	16.2	16.8	61.2	62.3	.6	16.0	100.7	13.7	0.011765
02:00	15.7	16.3	60.3	61.3	.6	15.5	100.7	13.3	0.011391
03:00	15.4	16.2	59.7	61.2	.8	15.2	100.7	13.0	0.011163
04:00	15.1	15.9	59.2	60.6	.8	14.9	100.6	12.8	0.010947
05:00	14.8	15.7	58.7	60.3	.9	14.7	100.7	12.6	0.010764
06:00	14.6	15.1	58.3	59.2	.5	14.5	100.7	12.4	0.010628
07:00	14.3	14.6	57.7	58.3	.3	14.1	100.8	12.2	0.010385
08:00	15.1	15.1	59.2	59.2	.0	14.6	98.5	12.5	0.010697
09:00	17.8	17.6	64.1	63.6	-.3	14.8	84.0	12.6	0.010862
10:00	20.4	20.3	68.8	68.5	-.2	15.5	75.0	13.0	0.011372
11:00	23.4	23.3	74.2	73.9	-.1	15.9	64.0	13.3	0.011698
12:00	24.8	24.6	76.6	76.3	-.2	16.5	61.7	13.8	0.012208
13:00	26.2	25.9	79.2	78.6	-.3	16.1	54.9	13.3	0.011862
14:00	27.2	26.9	80.9	80.4	-.3	15.4	49.7	12.7	0.011358
15:00	27.4	27.2	81.4	81.0	-.2	15.5	49.3	12.8	0.011438
16:00	28.0	27.7	82.4	81.9	-.3	15.0	46.3	12.4	0.011118
17:00	28.0	27.8	82.4	82.0	-.2	15.2	47.0	12.6	0.011267
18:00	26.2	26.4	79.1	79.6	.3	17.0	59.1	14.2	0.012642
19:00	23.4	24.3	74.2	75.7	.9	18.9	77.6	16.0	0.014167
20:00	21.7	22.9	71.1	73.3	1.2	18.9	86.0	16.1	0.014191
21:00	20.5	21.5	68.9	70.7	1.0	18.7	91.4	16.0	0.013991
22:00	19.8	20.7	67.6	69.2	.9	18.4	94.0	15.7	0.013738
23:00	19.3	19.9	66.8	67.8	.6	18.6	97.7	15.9	0.013884
Avg	20.5	20.8	68.9	69.5	.3	16.1	80.9	13.6	0.011914
Max	28.0	27.8	82.4	82.0	1.2	18.9	100.8	16.1	0.014191
Hr. of Max	17	17	17	17	20	20	07	20	20
Min	14.3	14.6	57.7	58.3	-.3	14.1	46.3	12.2	0.010385
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	12_VaporPr_010m	15_Precip_mm	16_Precip_In	17_BarPres_In	18_BarPres_Mb	21_WDir_010m	22_WDir_030m	23_VWDir_010m	24_VWDir_030m
Hour	KPa	MM	INCHES	INHG	KPa	DEG	DEG	DEG	DEG
00:00	19.2	.0	.00	29.03	983.1	45	59	400	60
01:00	18.2	.0	.00	29.03	983.0	256	264	243	257
02:00	17.7	.0	.00	29.03	983.2	214	226	210	229
03:00	17.3	.0	.00	29.04	983.3	22	192	273	195
04:00	17.0	.0	.00	29.03	983.2	187	172	206	220
05:00	16.7	.0	.00	29.02	982.8	47	76	336	50
06:00	16.5	.0	.00	29.03	983.2	61	120	300	114
07:00	16.2	.0	.00	29.04	983.6	241	214	251	230
08:00	16.6	.0	.00	29.06	984.1	83	135	232	118
09:00	16.9	.0	.00	29.07	984.4	129	133	179	138
10:00	17.7	.0	.00	29.07	984.5	167	184	183	184
11:00	18.2	.0	.00	29.07	984.6	240	239	245	243
12:00	19.0	.0	.00	29.07	984.6	244	251	246	250
13:00	18.4	.0	.00	29.06	984.1	233	239	236	238
14:00	17.6	.0	.00	29.04	983.4	230	235	234	234
15:00	17.8	.0	.00	29.03	983.1	268	256	270	256
16:00	17.3	.0	.00	29.02	982.8	228	244	223	248
17:00	17.5	.0	.00	29.02	982.7	230	231	233	229
18:00	19.6	.0	.00	29.01	982.6	256	210	238	230
19:00	21.9	.0	.00	29.01	982.3	329	177	287	224
20:00	21.9	.0	.00	29.00	982.2	352	202	301	234
21:00	21.6	.0	.00	29.02	982.9	11	183	257	158
22:00	21.2	.0	.00	29.03	983.1	238	220	246	219
23:00	21.5	.0	.00	29.03	983.1	263	252	231	262
Avg	18.5	.0	.00	29.04	983.3	248	206	0	0
Max	21.9	.0	.00	29.07	984.6	352	264	400	262
Hr. of Max	20	23	23	12	12	20	01	00	23
Min	16.2	.0	.00	29.00	982.2	11	59	179	50
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	29_WSpd_010m	30_WSpd_030m	31_WSpdms_010m	32_WSpdms_030m	35_PkWsH_010m	36_PkWsH_030m	37_WetBulbC	44_SigPhi_015m
Hour	MPH	MPH	M/SEC	M/SEC	MPH	MPH	DEGC	DEG
00:00	2.9	4.7	1.3	2.1	6.0	12.8	16.9	9.8
01:00	1.1	.8	.5	.4	2.7	4.8	16.1	9.0
02:00	.9	1.1	.4	.5	2.0	3.9	15.6	9.5
03:00	.8	.2	.4	.1	2.6	2.1	15.3	8.5
04:00	1.0	.8	.5	.4	3.0	3.7	15.0	9.2
05:00	1.3	1.9	.6	.8	3.5	9.2	14.7	11.3
06:00	.9	.5	.4	.2	2.1	3.4	14.5	9.5
07:00	.9	.7	.4	.3	2.2	3.4	14.2	12.9
08:00	.9	.4	.4	.2	2.8	4.1	14.8	23.3
09:00	1.8	1.3	.8	.6	3.8	5.5	15.8	26.1
10:00	2.0	1.5	.9	.7	5.4	6.2	17.1	28.6
11:00	2.9	2.7	1.3	1.2	7.5	12.8	18.4	29.0
12:00	3.9	4.5	1.7	2.0	12.5	20.4	19.3	27.3
13:00	5.1	6.1	2.3	2.7	12.9	22.7	19.5	23.7
14:00	5.3	6.1	2.4	2.7	14.9	21.5	19.3	22.9
15:00	3.6	3.9	1.6	1.7	13.7	29.1	19.4	26.7
16:00	3.5	3.7	1.5	1.7	10.7	18.5	19.3	26.8
17:00	3.1	3.6	1.4	1.6	9.2	9.4	19.5	21.6
18:00	1.7	2.1	.8 -	.9	6.0	11.2	20.1	15.8
19:00	1.1	.3	.5	.1	2.4	2.7	20.4	8.7
20:00	1.2	.2	.5	.1	2.1	2.7	19.8	7.4
21:00	.8	.5	.4	.2	2.0	2.3	19.3	8.3
22:00	1.0	.5	.5	.2	2.6	3.2	18.9	8.1
23:00	1.3	1.7	.6	.8	3.5	6.4	18.8	9.8
Avg	2.0	2.1	.9	.9	5.7	9.3	17.6	16.4
Max	5.3	6.1	2.4	2.7	14.9	29.1	20.4	29.0
Hr. of Max	14	14	14	14	14	15	19	11
Min	.8	.2	.4	.1	2.0	2.1	14.2	7.4
Count	24	24	24	24	24	24	24	24
Total								