Date Printed: 09/19/2015 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

9/18/2015

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	16.2	17.6	61.2	63.7	1.3	16.0	60.8	100.4	0.0117
01:00	15.7	17.0	60.3	62.5	1.3	15.5	59.9	100.4	0.0113
02:00	15.2	16.4	59.4	61.5	1.2	15.0	59.0	100.5	0.011
03:00	14.7	15.8	58.4	60.4	1.1	14.5	58.1	100.5	0.0106
04:00	14.5	15.7	58.1	60.3	1.2	14.3	57.8	100.5	0.0105
05:00	13.9	15.6	57.0	60.0	1.7	13.7	56.7	100.5	0.0101
06:00	13.4	14.8	56.1	58.6	1.4	13.2	55.8	100.5	0.0098
07:00	13.3	14.5	55.9	58.2	1.3	13.1	55.6	100.5	0.0097
08:00	14.1	14.9	57.3	58.8	.8	13.0	55.3	94.9	0.0096
09:00	17.0	16.8	62.6	62.2	-.2	11.0	51.8	68.8	0.0084
10:00	20.3	19.8	68.6	67.6	-.5	11.3	52.3	57.2	0.0086
11:00	22.7	22.3	72.9	72.2	-.4	11.2	52.2	49.1	0.0086
12:00	24.6	24.2	76.4	75.6	-.4	11.9	53.5	46.1	0.009
13:00	26.3	25.3	79.4	77.6	-1.0	12.4	54.3	43.1	0.0094
14:00	26.7	25.8	80.0	78.4	-.9	11.4	52.5	39.6	0.0088
15:00	27.4	26.3	81.3	79.3	-1.1	10.0	50.0	34.7	0.008
16:00	28.1	26.7	82.5	80.1	-1.3	9.7	49.4	32.6	0.0078
17:00	28.1	27.0	82.5	80.6	-1.1	8.7	47.6	30.4	0.0073
18:00	27.4	26.7	81.4	80.1	-.7	9.5	49.1	33.5	0.0078
19:00	25.1	25.4	77.1	77.7	.3	14.9	58.9	55.6	0.0111
20:00	21.4	23.2	70.6	73.8	1.7	17.9	64.2	82.1	0.0133
21:00	19.5	21.6	67.2	71.0	2.1	17.9	64.3	92.4	0.0133
22:00	18.6	20.4	65.5	68.8	1.8	18.1	64.6	99.2	0.0135
23:00	17.8	19.8	64.0	67.6	2.0	17.5	63.5	100.2	0.0129
Avg	20.1	20.6	68.2	69.0	.5	13.4	56.1	73.5	0.0101
Max	28.1	27.0	82.5	80.6	2.1	18.1	64.6	100.5	0.0135
Hr. of Max	17	17	17	17	21	22	22	07	22
Min	13.3	14.5	55.9	58.2	-1.3	8.7	47.6	30.4	0.0073
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	22_WDir_010m	23_WDir_060m
Hour	KPa	MM	INCHES	W/M2	Langleys	INHG	KPa	DEG	DEG
00:00	18.2	.0	.00	-3.1	.00	29.13	986.6	154	51
01:00	17.6	.0	.00	-3.0	.00	29.12	986.3	182	70
02:00	17.1	.0	.00	-3.0	.00	29.12	986.0	125	52
03:00	16.5	.0	.00	-3.0	.00	29.11	985.8	111	5
04:00	16.4	.0	.00	-3.0	.00	29.10	985.5	48	14
05:00	15.7	.0	.00	-3.0	.00	29.10	985.5	150	51
06:00	15.2	.0	.00	-3.1	.00	29.11	985.9	183	53
07:00	15.1	.0	.00	15.4	.02	29.13	986.3	139	65
08:00	15.0	.0	.00	172.7	.25	29.13	986.5	193	58
09:00	13.2	.0	.00	372.0	.53	29.14	986.8	359	64
10:00	13.5	.0	.00	557.0	.80	29.15	987.1	26	27
11:00	13.4	.0	.00	705.2	1.01	29.14	987.0	350	29
12:00	14.1	.0	.00	796.6	1.14	29.13	986.5	315	6
13:00	14.6	.0	.00	865.8	1.24	29.10	985.6	158	103
14:00	13.7	.0	.00	621.7	.89	29.07	984.5	80	32
15:00	12.5	.0	.00	622.4	.89	29.04	983.5	81	85
16:00	12.2	.0	.00	564.4	.81	29.02	982.6	175	128
17:00	11.4	.0	.00	379.8	.54	29.01	982.4	132	109
18:00	12.1	.0	.00	171.2	.25	29.01	982.4	171	216
19:00	17.2	.0	.00	17.7	.03	29.01	982.5	234	259
20:00	20.6	.0	.00	-2.5	.00	29.02	982.8	228	271
21:00	20.6	.0	.00	-2.7	.00	29.03	983.2	229	294
22:00	20.8	.0	.00	-2.9	.00	29.04	983.6	209	302
23:00	20.0	.0	.00	-2.9	.00	29.04	983.6	167	228
Avg	15.7	.0	.00	242.9	.35	29.08	984.9	156	42
Max	20.8	.0	.00	865.8	1.24	29.15	987.1	359	302
Hr. of Max	22	23	23	13	13	10	10	09	22
Min	11.4	.0	.00	-3.1	.00	29.01	982.4	26	5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "K" (1208)

9/18/2015

Interval: 001h

	24_VWDir_010m	25_VWDir_060m	26_Sigma_010m	27_Sigma_060m	28_RWSpd_010m	29_RWSpd_060m	30_WSpd_010m	31_WSpd_060m	32_WSpdms_010m
Hour	DEG	DEG	DEG	DEG	MPH	MPH	MPH	MPH	M/SEC
00:00	126	67	27	14	.3	.7	.3	.7	.1
01:00	213	67	35	9	.3	1.4	.4	1.4	.2
02:00	110	67	35	24	.4	.9	.5	1.1	.2
03:00	108	13	27	37	.4	1.8	.6	2.2	.2
04:00	54	10	24	17	.6	2.3	.7	2.5	.3
05:00	126	60	40	10	.4	2.1	.4	2.1	.2
06:00	163	55	17	12	.1	2.0	.1	2.0	.0
07:00	30	65	40	8	.1	3.8	.2	3.8	.1
08:00	191	63	37	14	.2	1.8	.5	1.8	.2
09:00	52	69	70	21	.2	2.4	.7	2.6	.3
10:00	29	31	69	35	.5	1.7	1.1	2.2	.5
11:00	358	29	60	34	.8	1.6	1.4	1.9	.6
12:00	313	5	63	59	.6	1.3	1.7	2.0	.8
13:00	143	109	77	77	.5	1.1	2.1	2.6	.9
14:00	93	28	53	46	.5	1.7	1.4	3.2	.6
15:00	78	74	68	58	1.3	2.3	1.9	2.9	.8
16:00	145	123	57	44	.7	1.4	2.4	3.7	1.1
17:00	108	88	58	72	.5	1.0	1.3	1.6	.6
18:00	231	238	48	51	.5	1.4	1.4	2.4	.6
19:00	284	258	50	13	.3	2.2	.6	2.2	.3
20:00	263	271	35	41	.3	1.3	.3	1.4	.2
21:00	210	290	17	31	.4	1.1	.5	1.2	.2
22:00	191	306	44	12	.2	1.6	.6	1.7	.3
23:00	182	247	42	20	.4	.6	.6	.8	.3
Avg	52	52	46	32	1.0	1.0	.9	2.0	.4
Max	358	306	77	77	1.3	3.8	2.4	3.8	1.1
Hr. of Max	11	22	13	13	15	07	16	07	16
Min	29	5	17	8	.1	.6	.1	.7	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "K" (1208)

9/18/2015

Interval: 001h

	33_WSpdms_060m	36_PkWsH_010m	37_PkWsH_060m
Hour	M/SEC	MPH	MPH
00:00	.3	1.8	2.3
01:00	.6	1.6	3.4
02:00	.5	2.5	2.3
03:00	1.0	2.5	4.1
04:00	1.1	2.1	5.5
05:00	1.0	2.1	4.6
06:00	.9	1.4	4.1
07:00	1.7	2.1	6.9
08:00	.8	2.3	4.4
09:00	1.2	4.1	6.9
10:00	1.0	3.9	6.4
11:00	.9	5.3	4.8
12:00	.9	6.6	6.0
13:00	1.2	8.0	8.2
14:00	1.5	6.2	8.0
15:00	1.3	6.9	8.5
16:00	1.7	9.2	8.7
17:00	.7	4.6	5.3
18:00	1.1	4.8	8.0
19:00	1.0	4.4	5.3
20:00	.6	1.8	3.4
21:00	.5	1.8	2.7
22:00	.8	1.8	3.7
23:00	.4	1.6	2.7
Avg	.9	3.7	5.3
Max	1.7	9.2	8.7
Hr. of Max	16	16	16
Min	.3	1.4	2.3
Count	24	24	24
Total			