Date Printed: 05/10/2016 01:20

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

Daily Summary Report

Site: Tower "K" (1208)

5/9/2016

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	17.8	20.4	64.1	68.7	2.5	14.1	57.4	80.3	0.0104
01:00	17.1	19.9	62.7	67.8	2.8	14.1	57.4	84.4	0.0104
02:00	16.1	18.7	61.0	65.6	2.6	14.0	57.2	88.8	0.0103
03:00	15.7	17.9	60.3	64.3	2.2	14.0	57.1	90.9	0.0103
04:00	15.4	17.5	59.8	63.5	2.1	14.0	57.2	92.8	0.0103
05:00	15.3	17.2	59.5	62.9	1.9	14.2	57.5	94.5	0.0104
06:00	15.5	16.8	59.8	62.2	1.3	14.2	57.6	93.9	0.0104
07:00	15.4	16.2	59.7	61.2	.9	14.5	58.1	96.2	0.0106
08:00	15.8	16.4	60.4	61.5	.6	14.6	58.2	94.0	0.0107
09:00	17.0	17.1	62.7	62.7	.0	13.8	56.8	82.6	0.0101
10:00	19.8	18.8	67.6	65.9	-1.0	11.9	53.4	61.6	0.009
11:00	22.6	21.1	72.8	70.0	-1.5	11.3	52.4	49.9	0.0087
12:00	24.1	22.7	75.5	72.8	-1.5	11.5	52.7	46.1	0.0088
13:00	25.5	23.9	77.9	75.0	-1.6	11.3	52.3	42.0	0.0087
14:00	25.9	24.3	78.6	75.8	-1.6	10.6	51.1	39.2	0.0083
15:00	25.5	24.3	77.9	75.7	-1.2	10.5	50.9	39.9	0.0082
16:00	24.8	23.9	76.7	75.1	-.9	12.8	55.0	48.3	0.0096
17:00	23.8	23.3	74.8	73.9	-.5	14.9	58.9	58.9	0.011
18:00	22.9	22.5	73.2	72.4	-.5	13.9	57.0	58.0	0.0103
19:00	22.0	21.6	71.6	70.9	-.4	11.6	52.9	52.7	0.0088
20:00	21.1	21.0	69.9	69.9	.0	11.0	51.7	53.4	0.0084
21:00	20.5	20.4	69.0	68.7	-.1	11.0	51.7	55.2	0.0084
22:00	19.9	19.8	67.7	67.7	.0	12.0	53.5	61.5	0.009
23:00	19.4	19.5	66.9	67.1	.1	12.7	54.8	66.2	0.0094
Avg	20.0	20.2	67.9	68.4	.3	12.9	55.1	68.0	0.0096
Max	25.9	24.3	78.6	75.8	2.8	14.9	58.9	96.2	0.011
Hr. of Max	14	15	14	14	01	17	17	07	17
Min	15.3	16.2	59.5	61.2	-1.6	10.5	50.9	39.2	0.0082
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	16.2	.0	.00	-2.9	.00	29.05	983.8	47	265
01:00	16.2	.0	.00	-2.9	.00	29.05	983.9	41	133
02:00	16.0	.0	.00	-2.9	.00	29.05	983.9	72	62
03:00	16.0	.0	.00	-3.0	.00	29.05	983.8	6	66
04:00	16.0	.0	.00	-2.3	.00	29.06	984.3	20	30
05:00	16.2	.0	.00	-3.0	.00	29.08	984.8	36	27
06:00	16.3	.0	.00	-1.8	.00	29.11	985.7	36	13
07:00	16.5	.0	.00	17.9	.03	29.13	986.4	5	180
08:00	16.6	.0	.00	51.0	.07	29.13	986.4	45	36
09:00	15.8	.0	.00	212.6	.30	29.13	986.5	348	6
10:00	14.0	.0	.00	477.8	.69	29.14	986.8	185	189
11:00	13.5	.0	.00	672.8	.96	29.14	986.8	214	213
12:00	13.7	.0	.00	723.3	1.04	29.12	986.3	205	198
13:00	13.6	.0	.00	788.9	1.13	29.11	985.7	187	185
14:00	13.0	.0	.00	616.3	.88	29.10	985.6	211	204
15:00	12.9	.0	.00	430.2	.62	29.09	985.3	223	219
16:00	14.9	.0	.00	292.3	.42	29.08	984.9	236	230
17:00	17.1	.0	.00	132.1	.19	29.08	984.7	266	255
18:00	16.0	.0	.00	50.2	.07	29.08	984.9	248	243
19:00	13.8	.0	.00	19.9	.03	29.08	984.7	230	222
20:00	13.2	.0	.00	.9	.00	29.08	984.8	175	206
21:00	13.2	.0	.00	-2.7	.00	29.10	985.4	197	212
22:00	14.1	.0	.00	-2.7	.00	29.10	985.6	246	228
23:00	14.7	.0	.00	-2.8	.00	29.12	986.1	237	228
Avg	15.0	.0	.00	185.8	.27	29.09	985.3	240	213
Max	17.1	.0	.00	788.9	1.13	29.14	986.8	348	265
Hr. of Max	17	23	23	13	13	11	11	09	00
Min	12.9	.0	.00	-3.0	.00	29.05	983.8	5	6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "K" (1208)

5/9/2016

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	101	254	42	21	.4	1.4	.7	1.4	.3
01:00	147	124	43	48	.2	.7	.3	1.7	.1
02:00	114	65	46	27	.3	3.0	.5	3.1	.2
03:00	281	67	45	7	.3	3.4	.5	3.4	.2
04:00	163	53	47	32	.0	.8	.2	.8	.1
05:00	56	37	48	38	.4	1.6	.8	1.8	.3
06:00	114	72	48	39	.1	.2	.3	.3	.1
07:00	26	183	33	30	.3	.7	.4	.9	.2
08:00	53	73	37	49	.4	2.0	1.0	2.1	.4
09:00	339	9	45	48	.7	1.1	1.4	3.0	.6
10:00	197	196	70	40	.9	1.7	1.5	2.4	.7
11:00	213	212	31	16	3.1	5.4	3.6	5.6	1.6
12:00	203	196	30	20	3.5	6.3	4.2	6.8	1.9
13:00	192	185	38	21	4.1	8.0	4.7	8.5	2.1
14:00	211	203	28	19	5.0	9.2	5.7	9.6	2.6
15:00	224	219	23	13	6.8	12.7	7.4	13.1	3.3
16:00	238	229	22	17	4.7	7.5	5.2	7.9	2.3
17:00	267	256	13	9	6.1	7.9	6.3	7.9	2.8
18:00	251	243	17	10	5.2	8.1	5.4	8.3	2.4
19:00	232	225	26	12	3.1	6.2	3.6	6.3	1.6
20:00	181	209	32	12	1.9	5.0	2.3	5.1	1.0
21:00	197	212	20	8	2.5	6.9	2.8	7.1	1.3
22:00	232	229	54	12	1.3	5.1	1.5	5.1	.7
23:00	231	229	43	12	1.2	6.4	2.1	7.0	.9
Avg	130	130	37	23	.3	.3	2.6	4.9	1.2
Max	339	256	70	49	6.8	12.7	7.4	13.1	3.3
Hr. of Max	09	17	10	08	15	15	15	15	15
Min	26	9	13	7	.0	.2	.2	.3	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "K" (1208)

5/9/2016

Interval: 001h

	33_WSpdms_060m	36_PkWsH_010m	37_PkWsH_060m
Hour	M/SEC	MPH	MPH
00:00	.6	2.1	5.5
01:00	.8	3.4	3.9
02:00	1.4	2.5	7.1
03:00	1.5	2.1	6.4
04:00	.4	1.6	3.0
05:00	.8	3.7	5.0
06:00	.1	1.8	1.8
07:00	.4	2.1	2.3
08:00	1.0	5.7	9.8
09:00	1.4	6.2	9.4
10:00	1.1	6.6	7.6
11:00	2.5	8.5	11.2
12:00	3.1	11.9	14.9
13:00	3.8	12.4	17.4
14:00	4.3	15.8	19.0
15:00	5.9	17.2	21.5
16:00	3.6	13.3	14.9
17:00	3.6	12.1	16.0
18:00	3.7	11.9	15.3
19:00	2.9	10.1	13.1
20:00	2.3	5.0	9.2
21:00	3.2	7.1	10.5
22:00	2.3	5.5	11.2
23:00	3.1	6.9	15.3
Avg	2.2	7.3	10.5
Max	5.9	17.2	21.5
Hr. of Max	15	15	15
Min	.1	1.6	1.8
Count	24	24	24
Total			