Date Printed: 10/24/2017 07:56

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

Daily Summary Report

Site: Tower "L" (1209)

10/23/2017

Interval: 001h

	01_TempC_002m	02_TempC_015m	05_TempF_015m	07_DT0215	)9_SonicTemp_030m	11_DewPtC_002m	12_DewPtF_002m	13_RH_002m	14_AbsHum_002m
Hour	DEGC	DEGC	DEGF	DEGC	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	16.1	16.8	62.3	.75	18.3	8.6	47.4	62.0	8.4
01:00	15.8	16.7	62.0	.84	18.2	8.4	47.2	62.4	8.3
02:00	15.8	16.4	61.6	.66	17.9	8.7	47.7	64.0	8.5
03:00	15.9	16.5	61.8	.67	17.9	8.8	47.8	63.7	8.5
04:00	16.2	16.4	61.6	.20	17.8	9.8	49.6	66.5	9.1
05:00	16.2	16.4	61.5	.14	17.8	10.7	51.2	70.6	9.7
06:00	16.2	16.3	61.4	.11	17.6	12.6	54.6	80.4	10.9
07:00	16.5	16.4	61.6	-.02	17.8	13.8	56.8	85.5	11.8
08:00	16.7	16.7	62.1	-.01	18.0	14.9	58.8	90.6	12.7
09:00	16.9	16.9	62.3	-.04	18.1	15.6	60.1	93.9	13.3
10:00	16.8	16.7	62.1	-.08	17.8	15.7	60.3	95.2	13.4
11:00	16.5	16.4	61.5	-.12	17.5	15.5	59.9	95.5	13.2
12:00	16.3	16.2	61.1	-.15	17.3	15.5	60.0	96.7	13.2
13:00	17.7	17.2	62.9	-.52	18.1	14.7 D	58.5 D	84.6 D	12.5 D
14:00	19.6	19.0	66.1	-.66	19.5	11.2	52.2	59.5	9.9
15:00	20.1	20.0	68.0	-.12	20.4	10.9	51.6	56.4	9.7
16:00	17.1	16.8	62.3	-.29	17.7	9.9	49.8	63.4	9.1
17:00	18.2	18.1	64.6	-.10	18.6	8.4	47.1	53.6	8.3
18:00	16.3	16.5	61.6	.12	17.1	5.7	42.2	50.0	6.9
19:00	15.4	15.3	59.5	-.09	16.0	4.3	39.7	48.3	6.3
20:00	15.0	14.9	58.8	-.11	15.6	3.7	38.7	47.5	6.0
21:00	14.0	13.7	56.7	-.27	14.6	3.2	37.8	48.8	5.9
22:00	13.1	13.1	55.5	.00	13.9	1.3	34.4	45.3	5.1
23:00	10.6	10.8	51.4	.17	12.8	.6	33.1	50.7	4.9
Avg	16.2	16.3	61.3	.05	17.3	9.7	49.4	68.1	9.4
Max	20.1	20.0	68.0	.84	20.4	15.7	60.3	96.7	13.4
Hr. of Max	15	15	15	01	15	10	10	12	10
Min	10.6	10.8	51.4	-.66	12.8	.6	33.1	45.3	4.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	15_MixRatio_002m	17_VaporPr_002m	3_Sat Vapor_Pr_002	20_WetBulbC	21_Precip_mm	23_BarPres_In	24_BarPres_Mb	25_Solar_Rad_Wm2	26_Solar_Rad_Lang
Hour	COUNT	KPa	KPa	DEGC	INCHES	INHG	KPa	W/M2	Langleys
00:00	0.007157	11.2	18.29	11.1	.0	29.12	986.3	-5.3	-.008
01:00	0.007094	11.1	18.01	10.9	.0	29.10	985.6	-5.3	-.008
02:00	0.007249	11.3	17.95	11.1	.0	29.08	984.9	-5.2	-.007
03:00	0.007283	11.4	18.07	11.2	.0	29.05	983.9	-5.3	-.008
04:00	0.007788	12.2	18.50	11.9	.0	29.02	982.9	-4.7	-.007
05:00	0.008277	12.9	18.49	12.5	.5	28.99	981.8	-4.1	-.006
06:00	0.009407	14.6	18.46	13.8	.9	28.97	981.2	-3.7	-.005
07:00	0.010177	15.8	18.76	14.7	1.3	28.95	980.4	-3.4	-.005
08:00	0.010963	17.0	19.06	15.5	1.4	28.93	979.7	-.3	.000
09:00	0.011496	17.8	19.29	16.0	12.5	28.93	979.7	4.7	.007
10:00	0.011567	17.9	19.14	16.1	16.2	28.94	980.1	25.9	.037
11:00	0.011406	17.6	18.81	15.8	5.2	28.91	979.2	19.3	.028
12:00	0.01144	17.7	18.62	15.8	2.8	28.92	979.4	32.3	.046
13:00	0.010857 D	16.8 D	20.30	15.7 D	.0	28.91	979.2	442.7	.635
14:00	0.008662	13.4	22.91	14.0	.0	28.88	978.1	580.1	.832
15:00	0.008482	13.1	23.66	14.0	2.4	28.85	977.0	309.5	.444
16:00	0.007878	12.2	19.57	12.3	.3	28.89	978.3	272.6	.391
17:00	0.007138	11.1	20.94	11.7	.0	28.89	978.5	255.2	.366
18:00	0.005919	9.2	18.61	9.2	.0	28.92	979.3	20.9	.030
19:00	0.005363	8.4	17.51	8.0	.0	28.94	980.1	-4.6	-.007
20:00	0.005138	8.0	17.07	7.5	.0	28.97	980.9	-4.6	-.007
21:00	0.004959	7.8	16.04	6.8	.0	28.99	981.8	-4.0	-.006
22:00	0.004327	6.8	15.08	5.2	.0	29.01	982.5	-3.1	-.005
23:00	0.004108	6.4	12.84	4.0	.0	29.01	982.6	-3.5	-.005
Avg	0.008089	12.6	18.58	11.9	1.8	28.97	981.0	79.4	.114
Max	0.011567	17.9	23.66	16.1	16.2	29.12	986.3	580.1	.832
Hr. of Max	10	10	15	10	10	00	00	14	14
Min	0.004108	6.4	12.84	4.0	.0	28.85	977.0	-5.3	-.008
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	28_WDir_030m	30_VWDir_030m	32_Sigma_030m	34_RWSpd_030m	36_WSpd_030m	38_WSpdms_030m	39_WElev_030m	40_VSSpd_030m	46_PkWsH_030m
Hour	DEG	DEG	DEG	MPH	MPH	M/SEC	DEG	MPH	MPH
00:00	32.0	20.2	40.4	.6	.8	.4	15.7	-.01	2.3
01:00	38.3	43.2	22.8	1.6	1.9	.8	8.1	-.03	4.2
02:00	35.2	24.4	47.9	.7	.8	.3	8.4	-.03	2.1
03:00	322.7	324.0	36.1	.4	1.1	.5	9.8	-.03	2.2
04:00	221.3	226.5	52.9	.4	1.2	.5	13.1	-.01	3.0
05:00	57.7	65.1	25.9	3.3	3.5	1.6	9.5	-.11	9.7
06:00	31.3	30.6	16.5	2.0	2.2	1.0	8.0	-.07	5.1
07:00	62.1	62.7	11.1	5.6	5.7	2.5	7.4	-.17	9.7
08:00	63.1	66.1	13.4	5.2	5.3	2.4	8.2	-.16	12.5
09:00	342.8	327.6	22.3	5.4	6.3	2.8	9.0	-.03	23.7
10:00	342.8	327.1	20.8	4.9	7.2	3.2	10.1	-.24	25.3
11:00	104.5	102.2	17.5	6.0	6.5	2.9	9.4	-.08	11.5
12:00	128.6	127.6	24.5	5.8	6.4	2.9	13.5	-.22	15.3
13:00	165.5	167.8	43.2	3.7	4.1	1.9	23.9	.38	12.6
14:00	202.0	202.2	16.1	7.3	7.6	3.4	13.0	.20	16.7
15:00	218.0	219.5	18.2	9.6	10.9	4.9	11.3	.18	42.1
16:00	252.9	253.6	17.7	8.3	8.7	3.9	13.0	.02	25.7
17:00	243.9	243.6	16.4	10.9	11.3	5.1	10.8	-.10	27.3
18:00	262.1	262.3	17.0	9.4	9.8	4.4	13.2	.05	30.0
19:00	262.1	262.3	15.4	9.1	9.4	4.2	12.1	.15	20.4
20:00	250.8	252.2	16.9	7.9	8.3	3.7	13.1	.13	19.7
21:00	255.9	256.0	15.3	9.0	9.3	4.2	11.9	.10	20.3
22:00	248.4	254.4	16.8	5.3	5.8	2.6	10.4	.03	16.7
23:00	231.6	233.1	8.9	3.4	3.5	1.6	4.5	.05	7.0
Avg	279.0	246.2	23.1	2.2	5.7	2.6	11.1	.00	15.2
Max	342.8	327.6	52.9	10.9	11.3	5.1	23.9	.38	42.1
Hr. of Max	10	09	04	17	17	17	13	13	15
Min	31.3	20.2	8.9	.4	.8	.3	4.5	-.24	2.1
Count	24	24	24	24	24	24	24	24	24
Total									