Date Printed: 10/22/2017 01:20

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

Daily Summary Report

Site: Tower "L" (1209)

10/21/2017

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	10.5	10.8	51.4	.30	11.9	10.1	50.2	98.8	9.5
01:00	10.0	10.4	50.8	.40	11.6	9.8	49.6	99.3	9.3
02:00	9.8	10.0	50.0	.20	11.0	9.5	49.1	99.2	9.1
03:00	9.5	9.7	49.4	.20	10.6	9.3	48.7	99.7	9.0
04:00	9.0	9.3	48.8	.30	10.0	8.8	47.8	99.6	8.7
05:00	8.8	9.3	48.8	.50	9.7	8.7	47.7	100.0	8.7
06:00	8.8	9.2	48.6	.40	9.6	8.6	47.5	100.0	8.6
07:00	8.6	7.7	45.8 D	-.92	9.5	8.4 D	47.2 D	100.0	8.5 D
08:00	8.9	8.2	46.8	-.64	9.1	8.5	47.3	98.5	8.5
09:00	10.6	9.4	49.0	-1.13	10.2	8.7	47.8	89.7	8.6
10:00	13.2	12.4	54.4	-.83	13.6	7.7	45.9	70.4	8.0
11:00	17.4	16.8	62.2	-.61	17.6	8.6	47.5	57.2	8.4
12:00	19.3	18.7	65.7	-.60	19.2	8.5	47.3	50.5	8.3
13:00	21.5	20.9	69.7	-.56	20.9	8.8	47.9	45.1	8.4
14:00	23.0	22.6	72.7	-.37	22.2	8.8	47.8	41.2	8.4
15:00	23.9	23.8	74.9	-.08	23.3	8.8	47.8	39.0	8.4
16:00	24.3	24.5	76.0	.16	23.9	8.8	47.9	38.2	8.4
17:00	24.1	24.5	76.1	.40	24.0	8.4	47.2	37.7	8.2
18:00	19.3	21.3	70.4	1.99	22.5	4.0	39.2	37.0	6.2
19:00	15.5	17.5	63.5	1.97	19.1	1.5	34.8	39.5	5.2
20:00	14.2	15.4	59.7	1.22	17.0	6.2	43.2	60.0	7.2
21:00	13.3	14.3	57.7	.96	15.8	9.0	48.2	76.1	8.7
22:00	12.8	13.5	56.4	.76	15.0	10.4	50.7	86.6	9.6
23:00	12.0	12.7	54.9	.72	14.2	11.1	51.9	95.4	10.0
Avg	14.5	14.7	58.5	.20	15.5	8.4	47.1	73.3	8.4
Max	24.3	24.5	76.1	1.99	24.0	11.1	51.9	100.0	10.0
Hr. of Max	16	17	17	18	17	23	23	07	23
Min	8.6	7.7	45.8	-1.13	9.1	1.5	34.8	37.0	5.2
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	0.007878	12.4	12.71	10.2	.0	29.27	991.2	-3.5	-.005
01:00	0.007684	12.1	12.33	9.8	.0	29.26	991.1	-3.8	-.005
02:00	0.007558	11.9	12.14	9.6	.0	29.27	991.2	-3.9	-.006
03:00	0.007436	11.7	11.89	9.3	.0	29.27	991.4	-3.8	-.005
04:00	0.007173	11.3	11.48	8.8	.0	29.27	991.4	-3.7	-.005
05:00	0.007163	11.3	11.37	8.8	.0	29.29	991.9	-4.1	-.006
06:00	0.007109	11.2	11.35	8.7	.0	29.30	992.4	-4.6	-.007
07:00	0.007014 D	11.1 D	11.16	8.5 D	.0	29.32	992.9	-2.8	-.004
08:00	0.007031	11.1	11.40	8.6	.0	29.33	993.4	45.9	.066
09:00	0.007159	11.3	12.78	9.4	.0	29.35	994.0	170.8	.245
10:00	0.006681	10.6	15.28	9.6	.0	29.35	994.1	431.3	.619
11:00	0.007119	11.2	19.93	11.5	.0	29.35	994.0	529.9	.760
12:00	0.007081	11.2	22.46	12.1	.0	29.34	993.7	569.4	.817
13:00	0.007262	11.5	25.75	13.0	.0	29.32	993.0	707.5	1.015
14:00	0.007273	11.5	28.17	13.5	.0	29.30	992.1	646.7	.927
15:00	0.007284	11.5	29.78	13.8	.0	29.28	991.6	596.2	.855
16:00	0.007306	11.5	30.50	14.0	.0	29.28	991.4	441.5	.633
17:00	0.007112	11.2	30.06	13.6	.0	29.27	991.3	259.9	.373
18:00	0.005267	8.3	22.67	9.1	.0	29.27	991.4	43.1	.062
19:00	0.004375	6.9	17.71	6.2	.0	29.28	991.5	-4.3	-.006
20:00	0.006078	9.6	16.19	8.9	.0	29.28	991.6	-4.9	-.007
21:00	0.007324	11.5	15.35	10.5	.0	29.29	991.8	-5.0	-.007
22:00	0.008023	12.6	14.79	11.2	.0	29.29	992.1	-4.6	-.007
23:00	0.008383	13.2	14.03	11.4	.0	29.30	992.3	-4.2	-.006
Avg	0.007074	11.2	17.55	10.4	.0	29.30	992.2	182.9	.262
Max	0.008383	13.2	30.50	14.0	.0	29.35	994.1	707.5	1.015
Hr. of Max	23	23	16	16	23	11	10	13	13
Min	0.004375	6.9	11.16	6.2	.0	29.26	991.1	-5.0	-.007
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	1.5	19.2	37.0	.7	1.2	.5	7.6	-.01	4.0
01:00	21.4	39.0	42.3	.5	1.2	.5	10.4	.00	3.5
02:00	33.5	23.6	22.5	.8	1.2	.5	4.9	-.02	2.9
03:00	350.8	358.4	59.4	.4	.8	.3	9.5	-.01	1.7
04:00	12.8	25.0	35.7	.6	1.0	.4	11.4	-.03	2.5
05:00	247.3	227.7	43.9	.3	.5	.2	11.0	.00	1.7
06:00	256.5	277.3	62.7	.2	.8	.3	10.5	.00	2.1
07:00	187.6	172.0	49.3	.1	1.0	.4	8.6	-.01	2.7
08:00	260.6	304.1	31.6	.2	.7	.3	7.8	-.03	2.0
09:00	329.8	335.5	54.7	.3	1.0	.4	22.9	-.20	2.3
10:00	256.6	355.7	77.4	.1	1.2	.5	37.7	.12	4.4
11:00	269.9	268.2	67.6	.6	1.9	.9	34.8	.08	6.0
12:00	213.2	212.5	62.1	1.1	1.9	.9	32.2	-.15	4.5
13:00	229.1	228.2	39.0	2.6	3.1	1.4	29.2	-.06	8.8
14:00	188.5	189.2	29.4	3.5	3.9	1.7	20.9	-.32	8.7
15:00	179.2	189.8	51.9	.6	2.8	1.3	27.5	.04	7.0
16:00	135.6	130.4	47.3	1.1	2.6	1.2	28.8	-.07	7.0
17:00	84.9	83.2	24.9	3.9	4.2	1.9	14.6	-.25	8.0
18:00	83.3	79.8	9.1	3.9	4.0	1.8	5.0	-.19	7.5
19:00	60.9	69.3	22.6	1.8	2.4	1.1	10.0	-.10	5.8
20:00	214.6	208.4	47.6	1.0	1.3	.6	10.1	.01	3.8
21:00	101.3	159.7	51.1	.2	.4	.2	6.8	-.01	1.3
22:00	302.8	277.8	62.6	.4	.9	.4	6.2	.01	2.2
23:00	177.6	209.9	49.9	.1	.6	.3	8.3	-.02	1.6
Avg	243.0	122.5	45.1	.3	1.7	.8	15.7	-.05	4.3
Max	350.8	358.4	77.4	3.9	4.2	1.9	37.7	.12	8.8
Hr. of Max	03	03	10	18	17	17	10	10	13
Min	1.5	19.2	9.1	.1	.4	.2	4.9	-.32	1.3
Count	24	24	24	24	24	24	24	24	24
Total									