Date Printed: 10/23/2017 01:20

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

Daily Summary Report

Site: Tower "L" (1209)

10/22/2017

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	11.5	12.0	53.6	.49	13.4	10.9	51.7	97.5	10.0
01:00	11.0	11.5	52.7	.45	13.0	10.6	51.1	98.4	9.8
02:00	10.8	11.1	52.1	.31	12.6	10.4	50.7	98.2	9.6
03:00	11.0	11.0	51.9	.06	12.4	10.5	51.0	98.4	9.7
04:00	10.5	10.8	51.4	.25	11.8	10.0	50.1	98.1	9.4
05:00	10.1	10.2	50.3	.04	11.4	9.7	49.5	98.6	9.2
06:00	9.6	9.7	49.4	.09	11.0	9.2	48.6	98.8	8.9
07:00	9.2	9.1	48.5	-.02	10.4	8.9	47.9	99.1	8.7
08:00	9.3	9.0	48.3	-.29	10.2	8.9	48.1	98.4	8.8
09:00	11.0	10.0	50.0	-1.04	10.9	9.7	49.4	92.4	9.2
10:00	14.3	13.4	56.1	-.91	14.5	8.9	48.1	71.4	8.7
11:00	19.0	18.5	65.2	-.51	18.9	10.3	50.5	58.2	9.3
12:00	22.8	22.6	72.7	-.21	22.4	11.7	53.1	50.5	10.2
13:00	25.5	25.0	77.1	-.41	24.5	12.8	55.0	46.5	10.8
14:00	26.4	26.2	79.1	-.23	25.4	12.5	54.6	43.3	10.6
15:00	26.3	26.4	79.5	.13	25.7	11.5	52.7	40.7	10.0
16:00	26.0	26.4	79.5	.39	25.8	10.9	51.7	39.8	9.6
17:00	25.2	25.7	78.3	.53	25.3	10.0	50.0	39.2	9.0
18:00	22.9	24.3	75.8	1.45	24.6	7.8	46.0	38.8	7.9
19:00	18.5	20.3	68.5	1.77	22.4	4.8	40.6	41.1	6.5
20:00	16.7	18.5	65.2	1.80	20.1	4.6	40.3	45.5	6.4
21:00	15.8	17.3	63.1	1.44	18.9	7.2	44.9	57.3	7.7
22:00	15.9	16.9	62.5	1.06	18.5	9.1	48.4	65.1	8.7
23:00	16.2	17.0	62.7	.86	18.5	8.7	47.7	62.3	8.5
Avg	16.5	16.8	62.2	.31	17.6	9.6	49.2	69.9	9.1
Max	26.4	26.4	79.5	1.80	25.8	12.8	55.0	99.1	10.8
Hr. of Max	14	16	16	20	16	13	13	07	13
Min	9.2	9.0	48.3	-1.04	10.2	4.6	40.3	38.8	6.4
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	0.008326	13.1	13.63	11.1	.0	29.30	992.3	-3.3	-.005
01:00	0.008126	12.8	13.17	10.7	.0	29.30	992.3	-3.9	-.006
02:00	0.008007	12.6	13.00	10.5	.0	29.30	992.2	-4.4	-.006
03:00	0.008104	12.8	13.13	10.7	.0	29.29	992.0	-4.4	-.006
04:00	0.007831	12.3	12.73	10.2	.0	29.28	991.8	-4.2	-.006
05:00	0.007667	12.1	12.39	9.9	.0	29.28	991.6	-4.2	-.006
06:00	0.007405	11.7	11.95	9.3	.0	29.29	991.9	-4.0	-.006
07:00	0.007217	11.4	11.62	9.0	.0	29.30	992.4	-2.8	-.004
08:00	0.007254	11.4	11.76	9.1	.0	29.31	992.6	33.0	.047
09:00	0.007629	12.0	13.19	10.1	.0	29.31	992.5	149.3	.214
10:00	0.007287	11.5	16.38	10.7	.0	29.30	992.3	431.7	.619
11:00	0.008006	12.6	22.03	13.2	.0	29.29	992.0	573.2	.822
12:00	0.008835	13.9	27.95	15.4	.0	29.27	991.1	670.5	.962
13:00	0.009528	14.9	32.66	17.0	.0	29.24	990.1	670.2	.961
14:00	0.009385	14.7	34.51	17.2	.0	29.21	989.4	561.7	.806
15:00	0.008781	13.8	34.27	16.4	.0	29.20	988.8	317.5	.455
16:00	0.008444	13.2	33.68	15.9	.0	29.19	988.5	206.9	.297
17:00	0.00793	12.4	32.15	15.1	.0	29.18	988.3	108.7	.156
18:00	0.006852	10.8	28.11	12.8	.0	29.17	988.0	18.3	.026
19:00	0.005531	8.7	21.39	9.4	.0	29.17	987.9	-4.4	-.006
20:00	0.005449	8.6	19.02	8.6	.0	29.17	987.7	-5.1	-.007
21:00	0.00651	10.2	18.04	10.1	.0	29.16	987.4	-5.1	-.007
22:00	0.007422	11.6	18.09	11.4	.0	29.15	987.3	-5.4	-.008
23:00	0.00723	11.3	18.43	11.2	.0	29.14	986.9	-5.3	-.008
Avg	0.007698	12.1	20.14	11.9	.0	29.24	990.3	153.5	.220
Max	0.009528	14.9	34.51	17.2	.0	29.31	992.6	670.5	.962
Hr. of Max	13	13	14	14	23	09	08	12	12
Min	0.005449	8.6	11.62	8.6	.0	29.14	986.9	-5.4	-.008
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	324.8	234.7	58.8	.1	.6	.3	7.4	.01	2.1
01:00	64.0	29.2	29.8	.3	1.6	.7	7.7	.05	3.8
02:00	34.8	41.9	65.2	.6	1.2	.5	13.1	.00	4.9
03:00	31.6	44.7	48.2	1.5	2.3	1.0	13.3	-.05	6.1
04:00	250.1	273.7	41.6	.5	1.1	.5	9.3	.01	2.8
05:00	14.9	26.8	45.6	.7	.9	.4	9.7	-.02	2.3
06:00	223.0	225.7	63.6	.5	.7	.3	10.6	.00	2.2
07:00	40.6	41.0	21.6	1.1	1.5	.7	9.7	-.06	2.8
08:00	336.4	213.2	54.7	.1	.5	.2	9.5	.01	2.1
09:00	1.1	17.4	40.4	.6	1.2	.6	16.9	-.07	3.3
10:00	263.0	264.7	65.3	.7	1.3	.6	26.2	-.23	4.0
11:00	297.8	299.6	42.5	1.8	2.6	1.2	29.2	.04	7.3
12:00	96.8	110.0	51.9	2.5	4.5	2.0	26.4	-.11	16.0
13:00	172.7	172.9	24.4	7.4	8.2	3.6	17.3	.18	18.4
14:00	172.9	174.7	22.0	10.1	10.8	4.8	13.3	-.04	24.7
15:00	173.0	173.2	19.0	9.4	10.0	4.5	15.3	.11	22.5
16:00	183.6	184.2	13.1	9.8	10.1	4.5	10.9	-.16	21.9
17:00	176.3	176.9	14.1	7.9	8.1	3.6	11.9	-.07	21.0
18:00	168.4	170.2	12.6	4.8	4.9	2.2	9.9	-.10	12.9
19:00	133.0	137.9	27.5	1.6	1.8	.8	10.8	.00	5.0
20:00	67.7	72.2	25.9	2.2	2.3	1.0	8.9	-.01	4.9
21:00	345.1	339.3	42.1	.6	1.2	.5	18.1	-.02	5.9
22:00	343.6	343.6	23.8	1.8	1.9	.9	13.6	.12	4.5
23:00	327.8	348.6	51.5	.9	1.4	.6	15.7	.02	4.6
Avg	14.0	169.9	37.7	1.8	3.4	1.5	13.9	-.02	8.6
Max	345.1	348.6	65.3	10.1	10.8	4.8	29.2	.18	24.7
Hr. of Max	21	23	10	14	14	14	11	13	14
Min	1.1	17.4	12.6	.1	.5	.2	7.4	-.23	2.1
Count	24	24	24	24	24	24	24	24	24
Total									