Date Printed: 01/21/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/20/2017

Interval: 001h

	01_TempC_002m	02_TempC_015m	03_TempC_035m	04_TempC_060m	09_VTGrad_0215m	10_VTGrad_0235m	11_VTGrad_0260m	12_VTGrad_1535m	13_VTGrad_1560m
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC
00:00	10.0	10.2	10.3	10.4	.18	.30	.43	.12	.25
01:00	10.0	10.3	10.6	11.0	.28	.53	.97	.25	.69
02:00	10.4	10.7	10.7	10.9	.22	.30	.47	.07	.25
03:00	10.8	11.2	11.3	11.6	.36	.50	.74	.14	.38
04:00	10.5	11.4	11.7	11.8	.94	1.25	1.34	.30	.40
05:00	10.9	11.6	11.7	11.8	.74	.86	.90	.12	.16
06:00	11.1	11.5	11.7	11.8	.35	.58	.70	.22	.34
07:00	11.4	11.8	11.9	12.0	.42	.49	.60	.08	.18
08:00	11.8	12.2	12.3	12.4	.36	.51	.58	.14	.22
09:00	12.8	12.8	12.7	12.7	-.01	-.07	-.08	-.06	-.07
10:00	13.5	13.4	13.3	13.2	-.13	-.28	-.30	-.15	-.17
11:00	15.0	14.9	14.6	14.6	-.16	-.41	-.44	-.26	-.29
12:00	16.5	16.2	16.0	16.0	-.23	-.43	-.49	-.20	-.26
13:00	18.6	17.9	17.6	17.5	-.70	-.97	-1.03	-.27	-.33
14:00	18.7	18.4	18.1	18.1	-.37	-.59	-.67	-.22	-.30
15:00	18.9	18.7	18.5	18.5	-.21	-.38	-.43	-.17	-.21
16:00	19.4	19.3	19.2	19.2	-.08	-.23	-.24	-.15	-.16
17:00	17.8	18.7	18.8	18.9	.88	.99	1.10	.11	.22
18:00	13.8	16.8	17.5	18.0	2.99	3.65	4.21	.66	1.22
19:00	12.7	14.9	16.1	17.2	2.27	3.44	4.54	1.17	2.27
20:00	11.9	14.0	15.2	16.4	2.09	3.27	4.49	1.18	2.40
21:00	11.2	13.1	14.2	15.7	1.83	2.94	4.44	1.10	2.61
22:00	10.7	12.5	14.4	15.6	1.81	3.72	4.93	1.90	3.11
23:00	10.4	12.0	13.2	15.3	1.60	2.77	4.88	1.18	3.28
Avg	13.3	13.9	14.2	14.6	.64	.95	1.32	.30	.67
Max	19.4	19.3	19.2	19.2	2.99	3.72	4.93	1.90	3.28
Hr. of Max	16	16	16	16	18	22	22	22	23
Min	10.0	10.2	10.3	10.4	-.70	-.97	-1.03	-.27	-.33
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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1/20/2017

Interval: 001h

	14_DewPtC_002m	15_DewPtC_015m	17a_WBulbC	18_SoilTempC	19_RH_002m	20_RH_015m	21_AbsHum_002m	22_AbsHum_015m	23_Mix Ratio_002m
Hour	DEGC	DEGC	DEGC	DEGC	PERCENT	PERCENT	G/M3	G/M3	COUNT
00:00	9.4	9.4	9.6	11.2	97.3	96.0	9.1	9.0	0.007621
01:00	9.5	9.8	9.7	11.1	97.6	97.8	9.1	9.3	0.007664
02:00	9.9	10.3	10.1	11.1	97.6	98.6	9.3	9.6	0.007874
03:00	10.3	10.8	10.5	11.1	97.6	98.8	9.6	9.9	0.008079
04:00	9.9	11.1	10.1	11.1	97.5	99.0	9.3	10.1	0.00788
05:00	10.3	11.3	10.5	11.0	97.6	99.1	9.6	10.2	0.008092
06:00	10.5	11.1	10.7	11.0	97.6	99.1	9.7	10.1	0.008223
07:00	10.8	11.5	11.0	11.1	97.7	99.2	9.9	10.3	0.008366
08:00	11.2	11.9	11.4	11.1	97.7	99.4	10.2	10.6	0.008606
09:00	12.2	12.5	12.4	11.1	97.7	99.6	10.8	11.0	0.009183
10:00	13.0	13.1	13.2	11.2	98.0	99.6	11.3	11.4	0.009666
11:00	14.4	14.5	14.6	11.3	97.8	99.6	12.4	12.5	0.010626
12:00	14.1	15.8	14.9	11.5	87.8	99.3	12.1	13.5	0.010443
13:00	12.4	16.2	14.5	11.7	69.0	92.4	10.8	13.8	0.009375
14:00	11.2	10.9	13.7	11.9	62.6	62.7	9.9	9.7	0.008621
15:00	11.0	10.6	13.6	12.1	61.1	60.4	9.8	9.6	0.008508
16:00	9.7	9.3	12.9	12.3	54.4	53.3	9.0	8.8	0.007805
17:00	9.4	9.0	12.2	12.5	59.1	54.3	8.8	8.6	0.007643
18:00	10.3	9.6	11.5	12.6	80.6	63.6	9.5	9.0	0.008096
19:00	10.5	10.0	11.2	12.5	87.8	73.7	9.6	9.3	0.008187
20:00	10.5	10.2	11.0	12.5	92.0	78.9	9.7	9.4	0.008178
21:00	10.3	10.8	10.6	12.4	95.4	87.2	9.6	9.8	0.008089
22:00	10.1	10.7	10.3	12.3	97.1	90.0	9.4	9.8	0.007946
23:00	9.9	10.8	10.1	12.2	97.7	93.5	9.3	9.9	0.007849
Avg	10.9	11.3	11.7	11.7	88.2	87.3	9.9	10.2	0.008443
Max	14.4	16.2	14.9	12.6	98.0	99.6	12.4	13.8	0.010626
Hr. of Max	11	13	12	18	10	11	11	13	11
Min	9.4	9.0	9.6	11.0	54.4	53.3	8.8	8.6	0.007621
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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1/20/2017

Interval: 001h

	24_Mix Ratio_015m	27_VaporPr_002m	28_VaporPr_015m	34_Precip_In	36_BarPres_In	37_BarPres_Mb	38_SolarRad_Wm2	39_SolarRad_Lang	40_WDir_015m
Hour	COUNT	KPa	KPa	INCHES	INHG	KPa	W/M2	Langleys	DEG
00:00	0.007609	11.8	11.8	.04	28.88	978.1	-2.3	.00	308.4
01:00	0.007819	11.9	12.1	.04	28.83	976.5	-2.0	.00	48.4
02:00	0.008078	12.2	12.5	.19	28.84	976.7	-2.1	.00	168.1
03:00	0.008372	12.5	13.0	.01	28.84	976.8	-3.0	.00	231.4
04:00	0.008523	12.2	13.2	.00	28.85	976.9	-2.8	.00	235.1
05:00	0.008632	12.6	13.4	.00	28.86	977.4	-2.3	.00	214.1
06:00	0.008547	12.8	13.3	.00	28.87	977.8	-2.0	.00	130.7
07:00	0.008737	13.0	13.6	.00	28.88	978.2	-1.4	.00	92.6
08:00	0.008968	13.4	13.9	.00	28.91	978.9	15.3	.02	178.7
09:00	0.009353	14.3	14.5	.00	28.93	979.7	60.1	.09	216.4
10:00	0.009741	15.0	15.1	.00	28.94	980.2	134.8	.19	209.3
11:00	0.01071	16.5	16.6	.00	28.94	980.2	164.2	.24	215.8
12:00	0.011653	16.2	18.0	.00	28.92	979.2	265.3	.38	251.8
13:00	0.012033	14.5	18.6	.00	28.89	978.3	540.1	.77	244.5
14:00	0.008438	13.4	13.1	.00	28.87	977.7	236.6	.34	231.4
15:00	0.008296	13.2	12.9	.00	28.87	977.5	208.6	.30	237.8
16:00	0.00761	12.1	11.8	.00	28.87	977.7	173.7	.25	225.0
17:00	0.007453	11.9	11.6	.00	28.87	977.7	37.0	.05	217.2
18:00	0.007731	12.6	12.0	.00	28.87	977.8	-1.7	.00	118.4
19:00	0.007962	12.7	12.4	.00	28.90	978.6	-2.5	.00	71.6
20:00	0.008039	12.7	12.5	.00	28.91	979.1	-2.7	.00	105.0
21:00	0.008346	12.6	13.0	.00	28.92	979.4	-2.1	.00	78.4
22:00	0.008306	12.4	12.9	.00	28.93	979.6	-1.2	.00	89.3
23:00	0.008346	12.2	13.0	.00	28.93	979.6	-1.1	.00	88.3
Avg	0.008721	13.1	13.5	.01	28.89	978.3	75.3	.11	185.0
Max	0.012033	16.5	18.6	.19	28.94	980.2	540.1	.77	308.4
Hr. of Max	13	11	13	02	11	11	13	13	00
Min	0.007453	11.8	11.6	.00	28.83	976.5	-3.0	.00	48.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/20/2017

Interval: 001h

	41_WDir_035m	42_WDir_060m	46_SWDir_015m	47_SWDir_060m	50_Sigma_015m	51_Sigma_035m	52_Sigma_060m	55_RWSpd_015m	56_RWSpd_035m
Hour	DEG	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH
00:00	266.6	190.4	302.1	193.2	66.1	49.9	45.7	.3	.7
01:00	39.2	55.3	13.1	45.4	54.8	44.6	65.2	.7	1.4
02:00	347.1	325.3	237.2	311.2	30.7	35.7	26.9	2.5	3.6
03:00	238.0	226.9	236.5	223.4	49.3	34.9	14.8	1.4	3.3
04:00	263.1	251.4	247.5	246.9	55.9	13.9	9.4	1.3	3.5
05:00	295.1	288.6	277.9	281.8	32.0	16.8	12.0	.5	1.9
06:00	212.9	247.4	193.4	242.9	9.6	15.3	8.5	.2	1.2
07:00	216.0	234.8	5.9	229.9	13.5	33.3	12.8	.1	.9
08:00	239.5	259.9	217.8	254.6	40.2	32.1	14.8	.7	2.0
09:00	247.3	249.1	226.5	244.1	28.8	20.0	16.2	1.5	2.4
10:00	227.8	229.4	217.2	224.4	26.9	18.3	16.0	2.2	2.8
11:00	239.8	239.0	227.4	234.4	46.1	27.1	24.1	1.8	2.7
12:00	258.7	257.6	252.2	252.6	31.7	22.7	24.5	3.1	4.2
13:00	251.4	249.8	245.1	244.7	23.0	18.7	16.6	5.9	7.3
14:00	239.5	238.5	232.1	234.3	21.9	17.4	13.4	5.4	7.4
15:00	242.1	239.4	238.5	235.3	19.5	15.7	11.3	4.8	6.6
16:00	231.0	227.4	226.1	223.3	20.8	15.2	11.4	6.0	8.5
17:00	217.0	213.3	219.0	209.2	17.5	12.4	8.6	3.9	6.2
18:00	240.4	208.1	288.5	203.9	32.1	17.6	8.4	.7	2.7
19:00	35.8	209.9	78.0	205.7	14.8	31.8	16.2	.2	.5
20:00	252.8	222.4	163.8	217.6	11.7	12.5	12.3	.0	.2
21:00	25.5	158.3	62.6	147.5	11.2	37.8	27.6	.5	1.0
22:00	304.5	199.5	81.2	195.0	12.2	31.3	12.0	.1	.2
23:00	41.3	243.5	54.6	239.5	6.2	18.8	10.3	.1	.5
Avg	258.0	234.0	239.0	230.0	28.2	24.7	18.3	.0	.0
Max	347.1	325.3	302.1	311.2	66.1	49.9	65.2	6.0	8.5
Hr. of Max	02	02	00	02	00	00	01	16	16
Min	25.5	55.3	5.9	45.4	6.2	12.4	8.4	.0	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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1/20/2017

Interval: 001h

	57_RWSpd_060m	58_WSpd_015m	59_WSpd_035m	60_WSpd_060m	66_HSSpd_015m	67_HSSpd_060m	70_WElev_015m	71_WElev_060m	72_VSSpd_015m
Hour	MPH	MPH	MPH	MPH	MPH	MPH	DEG	DEG	MPH
00:00	.7	1.4	1.5	1.6	1.9	1.9	-.7	-3.4	-.07
01:00	.9	1.4	2.2	1.6	1.8	2.0	.4	.9	.00
02:00	4.7	3.5	5.0	6.6	3.9	6.9	.3	-.4	-.01
03:00	5.7	2.4	3.9	6.1	2.7	6.3	.3	-.3	-.02
04:00	5.4	1.9	3.7	5.5	2.2	5.8	.6	-.2	.02
05:00	3.8	.7	2.1	4.0	1.0	4.0	2.5	-.7	.03
06:00	2.5	.2	1.3	2.6	.6	2.8	2.4	.5	.04
07:00	2.7	.1	1.0	2.9	.5	3.1	.6	.4	.01
08:00	3.8	1.0	2.2	3.9	1.4	4.1	2.7	-.1	.05
09:00	3.1	1.8	2.7	3.3	2.3	3.5	1.8	-.4	.02
10:00	3.7	2.4	3.0	3.8	2.9	4.1	-.6	-2.5	-.07
11:00	3.7	2.1	2.9	3.9	2.6	4.2	3.2	.8	.02
12:00	4.9	3.4	4.5	5.3	3.8	5.6	1.1	.0	.02
13:00	8.1	6.4	7.7	8.5	7.0	9.1	-.6	-2.1	-.29
14:00	8.9	5.8	7.8	9.2	6.5	9.8	.3	-2.4	-.15
15:00	8.0	5.0	6.8	8.2	5.6	8.7	-.2	-2.3	-.18
16:00	10.6	6.4	8.8	10.9	7.0	11.5	.8	-.8	-.10
17:00	8.6	4.1	6.4	8.7	4.5	9.2	1.0	-1.3	.03
18:00	5.1	1.3	2.8	5.2	1.6	5.5	1.8	-.6	.02
19:00	1.7	.2	.6	1.9	.7	2.1	2.3	-1.5	.03
20:00	1.1	.0	.2	1.1	.5	1.3	2.0	-1.0	.03
21:00	.9	.6	1.0	.9	.9	1.3	4.0	-.4	.06
22:00	2.6	.1	.3	2.7	.5	3.0	2.4	-1.2	.03
23:00	1.8	.1	.6	1.9	.4	2.1	1.7	-.6	.02
Avg	.0	2.2	3.3	4.6	2.6	4.9	1.3	-.8	-.02
Max	10.6	6.4	8.8	10.9	7.0	11.5	4.0	.9	.06
Hr. of Max	16	16	16	16	16	16	21	01	21
Min	.7	.0	.2	.9	.4	1.3	-.7	-3.4	-.29
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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1/20/2017

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	86_SonicTemp_015m	87_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	-.10	6.9	6.9	6.4	10.7	14.5	10.8	10.7
01:00	.04	12.1	11.2	11.9	12.6	24.4	10.9	11.4
02:00	-.13	19.7	28.2	30.5	11.6	8.4	11.4	11.4
03:00	-.06	13.7	16.9	22.2	12.7	6.2	12.0	12.1
04:00	-.03	4.4	8.7	14.4	6.9	4.2	12.3	12.4
05:00	-.10	5.5	8.7	9.4	15.0	8.4	12.5	12.3
06:00	.02	2.5	3.7	9.4	7.4	5.5	12.3	12.3
07:00	-.02	1.8	3.2	5.3	8.4	8.4	12.7	12.4
08:00	-.04	4.1	6.4	10.1	11.7	10.2	13.0	12.9
09:00	-.09	4.8	5.7	6.2	16.2	11.4	13.7	13.3
10:00	-.27	5.7	6.6	8.5	16.4	11.7	14.4	13.9
11:00	-.06	6.9	9.4	9.4	20.6	15.0	15.8	15.3
12:00	-.15	10.5	13.5	13.1	18.6	15.2	17.1	16.6
13:00	-.50	17.4	19.7	20.2	16.3	13.8	18.5	17.8
14:00	-.48	14.0	16.0	16.9	14.6	9.5	18.9	18.3
15:00	-.43	14.7	18.5	20.6	14.3	8.0	19.3	18.7
16:00	-.29	15.6	17.6	20.4	14.3	8.7	19.8	19.3
17:00	-.29	12.8	17.9	18.3	11.4	6.5	19.2	19.1
18:00	-.07	5.0	11.9	18.3	6.8	3.9	17.3	18.4
19:00	-.05	2.1	1.8	4.8	6.7	4.0	15.5	17.6
20:00	-.02	1.4	.9	3.0	6.1	4.4	14.6	16.8
21:00	-.03	1.6	2.1	4.6	9.6	17.9	13.7	16.1
22:00	-.09	2.1	2.5	6.2	10.7	8.8	13.1	16.1
23:00	-.02	2.5	1.6	3.2	7.0	5.2	12.7	15.8
Avg	-.14	7.8	10.0	12.2	11.9	9.8	14.6	15.0
Max	.04	19.7	28.2	30.5	20.6	24.4	19.8	19.3
Hr. of Max	01	02	02	02	11	01	16	16
Min	-.50	1.4	.9	3.0	6.1	3.9	10.8	10.7
Count	24	24	24	24	24	24	24	24
Total								