Date Printed: 05/05/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2017

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	16.1	17.5	17.8	18.4	1.34	1.69	2.28	.35	.94
01:00	16.4	17.5	17.8	18.4	1.10	1.36	1.99	.26	.89
02:00	16.5	17.4	17.5	17.8	.90	1.05	1.35	.16	.46
03:00	16.6	17.2	17.2	17.4	.59	.60	.71	.01	.12
04:00	15.6	17.0	17.2	17.6	1.42	1.62	2.01	.20	.60
05:00	15.2	16.1	17.0	17.5	.82	1.72	2.29	.90	1.47
06:00	14.9	16.1	16.8	17.5	1.15	1.88	2.56	.72	1.41
07:00	15.7	17.0	17.5	18.1	1.31	1.81	2.43	.50	1.12
08:00	16.6	17.1	18.1	18.7	.53	1.59	2.15	1.06	1.61
09:00	19.8	19.8	19.7	19.7	.01	-.13	-.10	-.13	-.11
10:00	21.1	21.0	20.7	20.7	-.09	-.32	-.38	-.23	-.29
11:00	20.1	20.0	19.8	19.7	-.15	-.35	-.45	-.21	-.30
12:00	18.6	18.7	18.6	18.6	.04	-.06	-.02	-.10	-.05
13:00	20.3	20.1	19.9	19.8	-.20	-.40	-.45	-.19	-.25
14:00	19.6	19.5	19.4	19.6	-.11	-.23	-.06	-.12	.04
15:00	18.6	18.6	18.7	19.3	.00	.11	.72	.11	.72
16:00	18.3	18.3	18.4	18.7	.09	.14	.42	.04	.33
17:00	16.7	16.9	16.9	17.0	.24	.27	.31	.03	.07
18:00	15.8	15.8	15.6	15.6	-.04	-.16	-.22	-.11	-.18
19:00	15.2	15.2	15.1	15.0	.00	-.11	-.18	-.11	-.18
20:00	15.0	15.0	14.9	14.8	-.02	-.12	-.18	-.10	-.16
21:00	14.3	14.3	14.2	14.2	.06	-.03	-.05	-.08	-.11
22:00	12.4	12.4	12.3	12.3	.01	-.07	-.08	-.08	-.09
23:00	12.1	12.1	12.1	12.1	.04	.01	.02	-.03	-.03
Avg	16.7	17.1	17.2	17.4	.38	.49	.71	.12	.33
Max	21.1	21.0	20.7	20.7	1.42	1.88	2.56	1.06	1.61
Hr. of Max	10	10	10	10	04	06	06	08	08
Min	12.1	12.1	12.1	12.1	-.20	-.40	-.45	-.23	-.30
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2017

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	10.4	9.6	12.3	19.3	69.9	60.9	9.5	9.0	0.008131
01:00	10.2	9.4	12.3	19.2	67.7	60.0	9.3	8.9	0.008012
02:00	10.2	9.4	12.3	19.1	67.2	60.2	9.3	8.8	0.008007
03:00	10.1	9.6	12.3	19.0	66.3	62.0	9.3	9.0	0.007986
04:00	11.0	9.9	12.5	18.9	75.5	63.9	9.9	9.1	0.008495
05:00	11.4	10.5	12.7	18.8	79.3	70.8	10.2	9.6	0.008731
06:00	12.2	11.2	13.1	18.7	85.4	73.8	10.8	10.0	0.009219
07:00	12.9	11.7	13.9	18.6	85.3	72.6	11.2	10.3	0.00966
08:00	13.3	12.0	14.4	18.6	83.0	73.7	11.5	10.5	0.009929
09:00	10.8	10.0	13.8	18.5	57.4	54.2	9.7	9.2	0.008446
10:00	10.7	9.8	14.2	18.5	52.6	49.7	9.6	9.0	0.008379
11:00	12.2	11.6	14.9	18.6	61.8	60.1	10.6	10.2	0.009273
12:00	13.2	12.3	15.0	18.6	72.0	67.8	11.3	10.7	0.009863
13:00	12.5	11.4	15.1	18.7	62.6	58.9	10.8	10.1	0.009493
14:00	13.5	12.5	15.6	18.7	69.2	65.3	11.5	10.8	0.010107
15:00	14.3	13.4	15.7	18.8	77.3	73.3	12.1	11.5	0.010609
16:00	14.8	13.9	16.0	18.8	82.2	76.9	12.6	11.9	0.011031
17:00	14.8	14.3	15.4	18.9	90.6	86.7	12.6	12.2	0.011004
18:00	15.0	15.1	15.3	18.9	96.9	97.7	12.8	12.9	0.011165
19:00	14.6	14.7	14.8	18.7	97.9	98.6	12.5	12.6	0.010855
20:00	14.4	14.5	14.6	18.5	97.9	98.8	12.3	12.4	0.010689
21:00	13.3	13.5	13.6	18.4	95.4	96.2	11.6	11.7	0.009977
22:00	11.5	11.8	11.8	18.0	95.5	97.1	10.3	10.5	0.008816
23:00	11.4	11.6	11.6	17.6	97.0	98.0	10.2	10.4	0.008746
Avg	12.4	11.8	13.9	18.7	78.6	74.1	10.9	10.5	0.009443
Max	15.0	15.1	16.0	19.3	97.9	98.8	12.8	12.9	0.011165
Hr. of Max	18	18	16	00	20	20	18	18	18
Min	10.1	9.4	11.6	17.6	52.6	49.7	9.3	8.8	0.007986
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2017

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	0.007715	12.7	12.0	.00	29.02	982.7	-2.7	.00	51.2
01:00	0.007616	12.5	11.9	.00	28.99	981.8	-2.5	.00	48.7
02:00	0.007597	12.5	11.8	.00	28.96	980.7	-1.7	.00	57.7
03:00	0.007753	12.4	12.1	.00	28.93	979.7	-1.8	.00	60.0
04:00	0.007872	13.2	12.2	.00	28.93	979.6	-1.7	.00	60.7
05:00	0.008213	13.6	12.8	.00	28.94	980.0	-1.8	.00	219.6
06:00	0.008577	14.3	13.3	.00	28.91	978.9	-1.9	.00	56.5
07:00	0.008925	15.0	13.8	.00	28.88	978.2	12.3	.02	81.7
08:00	0.009106	15.4	14.1	.00	28.88	978.1	109.8	.16	200.5
09:00	0.007984	13.1	12.4	.00	28.86	977.2	265.0	.38	209.0
10:00	0.007869	13.0	12.2	.00	28.84	976.7	339.5	.49	204.2
11:00	0.008923	14.3	13.8	.00	28.84	976.8	174.3	.25	251.2
12:00	0.009301	15.2	14.4	.00	28.85	976.9	147.0	.21	191.6
13:00	0.008817	14.7	13.6	.00	28.80	975.4	338.6	.49	289.9
14:00	0.009471	15.6	14.6	.00	28.78	974.5	125.2	.18	319.0
15:00	0.010048	16.3	15.5	.00	28.76	973.8	102.5	.15	91.7
16:00	0.010379	17.0	16.0	.02	28.73	973.0	75.7	.11	45.3
17:00	0.010659	16.9	16.4	.06	28.70	972.1	36.0	.05	331.6
18:00	0.011223	17.1	17.2	.33	28.69	971.4	12.0	.02	254.3
19:00	0.010938	16.7	16.8	.40	28.68	971.3	2.6	.00	341.3
20:00	0.010775	16.4	16.5	.22	28.68	971.2	-.9	.00	282.1
21:00	0.010098	15.3	15.5	.26	28.68	971.1	-2.6	.00	294.8
22:00	0.00897	13.6	13.8	.24	28.71	972.4	-2.4	.00	239.9
23:00	0.008861	13.5	13.7	.18	28.72	972.7	-2.6	.00	222.2
Avg	0.00907	14.6	14.0	.07	28.82	976.1	71.6	.10	303.0
Max	0.011223	17.1	17.2	.40	29.02	982.7	339.5	.49	341.3
Hr. of Max	18	18	18	19	00	00	10	13	19
Min	0.007597	12.4	11.8	.00	28.68	971.1	-2.7	.00	45.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2017

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	53.5	58.4	39.7	49.5	20.8	9.9	4.2	2.0	5.6
01:00	53.3	52.9	38.5	43.3	13.1	6.4	3.4	2.3	5.3
02:00	53.9	53.1	49.3	43.4	17.3	10.0	5.9	2.2	5.5
03:00	59.5	60.0	46.4	51.1	25.7	15.3	9.2	1.7	4.4
04:00	31.8	73.6	345.6	63.0	27.3	27.8	27.3	.4	.7
05:00	238.5	237.9	245.8	232.7	44.8	30.9	25.4	1.0	2.1
06:00	23.3	140.5	39.5	105.4	27.8	28.3	16.5	1.2	1.9
07:00	85.7	100.8	68.7	92.2	37.5	34.2	22.5	1.5	2.9
08:00	264.2	219.7	224.7	216.1	34.7	51.2	46.2	1.7	1.8
09:00	221.0	216.5	209.6	211.8	32.5	23.8	17.6	4.1	6.2
10:00	215.4	212.3	205.5	207.8	33.4	20.5	17.4	4.1	6.3
11:00	253.8	251.8	251.3	247.5	29.2	19.7	17.0	4.3	6.3
12:00	216.3	208.6	217.7	203.4	41.0	35.1	29.8	2.3	3.7
13:00	295.2	188.4	286.6	215.9	53.9	45.6	37.0	.7	.9
14:00	306.6	295.7	279.0	288.3	60.1	36.1	43.0	1.1	2.1
15:00	277.7	313.4	268.3	303.5	47.3	58.6	46.0	.2	.6
16:00	357.3	343.1	351.8	332.2	67.7	44.5	38.8	.5	1.3
17:00	328.1	322.9	316.7	314.9	59.9	46.1	39.8	2.3	4.2
18:00	295.8	291.5	261.4	280.9	69.1	49.2	38.2	1.0	2.3
19:00	325.6	309.5	313.8	300.6	62.2	46.4	39.3	1.9	3.6
20:00	309.3	320.2	274.5	310.0	69.2	52.0	32.8	1.3	2.9
21:00	315.9	316.6	290.0	309.0	57.6	46.0	36.5	3.0	4.8
22:00	264.6	278.9	241.2	273.0	41.1	36.1	31.4	2.8	4.0
23:00	240.5	243.9	237.0	239.6	56.0	37.4	34.6	1.3	2.3
Avg	308.0	284.0	288.0	283.0	42.9	33.8	27.5	.0	.0
Max	357.3	343.1	351.8	332.2	69.2	58.6	46.2	4.3	6.3
Hr. of Max	16	16	16	16	20	15	08	11	11
Min	23.3	52.9	38.5	43.3	13.1	6.4	3.4	.2	.6
Count	24	24	24	24	24	24	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2017

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	7.8	2.2	5.6	7.8	2.3	8.1	-2.2	-.8	-.19
01:00	8.1	2.4	5.4	8.1	2.4	8.4	-4.0	-1.5	-.22
02:00	8.3	2.3	5.5	8.3	2.4	8.7	-2.0	-1.5	-.17
03:00	7.0	1.9	4.5	7.1	2.3	7.4	-.7	1.1	-.11
04:00	1.7	1.3	2.0	3.0	1.7	3.2	1.2	-1.0	.01
05:00	3.7	1.5	2.5	4.0	2.0	4.3	.4	.5	.00
06:00	.8	1.4	2.3	3.0	1.6	3.2	.7	1.1	-.01
07:00	4.3	1.8	3.4	5.0	2.2	5.4	2.4	1.1	.03
08:00	3.2	2.1	2.6	3.8	2.5	4.1	-.3	.5	-.10
09:00	8.8	4.6	6.6	9.2	5.3	9.8	.6	1.3	-.22
10:00	8.1	4.6	6.8	8.5	5.3	9.0	.9	.2	-.17
11:00	8.0	4.7	6.7	8.4	5.1	9.0	1.1	1.8	-.10
12:00	5.5	2.7	4.2	6.2	3.3	6.5	-.5	-.1	-.14
13:00	1.0	1.6	2.0	2.2	2.2	2.7	3.3	4.8	.02
14:00	2.5	1.4	2.4	2.9	1.9	3.1	5.8	7.1	.09
15:00	1.4	1.1	1.5	1.9	1.6	2.1	3.5	-2.3	.07
16:00	1.4	1.7	3.1	4.2	2.1	4.5	3.9	3.8	.10
17:00	5.9	3.5	5.5	7.2	4.0	7.5	-2.4	.9	-.35
18:00	3.8	2.6	3.8	5.0	3.2	5.3	.2	-.2	-.14
19:00	5.4	3.9	5.6	7.1	4.4	7.5	-1.1	-.6	-.34
20:00	4.7	2.6	3.9	5.4	3.1	5.6	-1.1	.4	-.25
21:00	6.5	5.5	7.6	9.5	6.0	9.9	-1.4	-1.3	-.39
22:00	5.6	3.5	4.7	6.3	3.9	6.7	.1	-1.5	-.13
23:00	2.9	2.0	3.0	3.6	2.4	4.0	-2.1	-.3	-.11
Avg	.0	2.6	4.2	5.7	3.1	6.1	.3	.6	-.12
Max	8.8	5.5	7.6	9.5	6.0	9.9	5.8	7.1	.10
Hr. of Max	09	21	21	21	21	21	14	14	16
Min	.8	1.1	1.5	1.9	1.6	2.1	-4.0	-2.3	-.39
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2017

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	36_SonicTemp_015m	37_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	-.11	6.6	12.8	14.2	17.4	2.9	18.0	18.7
01:00	-.22	4.4	9.8	15.1	11.0	2.3	18.0	18.6
02:00	-.27	5.7	9.8	11.4	17.5	4.7	17.9	18.1
03:00	.09	7.1	9.6	13.7	22.5	7.6	17.8	17.6
04:00	-.04	7.8	9.6	10.5	13.3	12.7	17.6	18.0
05:00	-.04	16.7	18.1	15.8	8.7	10.8	16.7	17.9
06:00	.06	3.7	4.8	7.3	9.9	8.0	16.7	17.9
07:00	.00	7.3	10.8	16.3	19.3	16.4	17.7	18.6
08:00	-.05	10.3	15.1	17.4	16.5	17.7	17.8	19.0
09:00	.04	15.3	16.7	20.4	20.8	13.6	20.4	19.9
10:00	-.16	13.7	16.7	17.6	20.6	13.3	21.4	20.8
11:00	.09	13.1	16.9	27.0	18.5	11.4	20.7	20.0
12:00	-.07	18.3	19.7	29.3	19.9	13.7	19.6	19.2
13:00	.09	5.0	5.7	7.6	25.6	24.7	20.8	20.2
14:00	.37	5.7	6.2	6.9	22.2	16.4	20.4	20.0
15:00	-.06	4.1	5.7	6.6	17.8	16.0	19.6	19.8
16:00	.33	14.7	14.2	17.6	21.8	14.8	19.3	19.3
17:00	-.08	12.1	15.6	17.2	21.5	18.1	17.9	17.6
18:00	-.10	10.5	13.1	19.9	21.0	15.7	16.8	16.4
19:00	-.21	22.7	24.3	28.2	22.1	16.9	16.4	15.8
20:00	-.15	11.9	15.6	17.4	22.4	16.5	16.2	15.6
21:00	-.54	28.4	26.3	29.3	19.0	14.6	15.4	14.9
22:00	-.29	13.1	13.5	25.2	19.1	14.9	13.4	12.9
23:00	-.07	8.7	10.1	11.9	13.4	13.0	13.1	12.6
Avg	-.06	11.1	13.4	16.8	18.4	13.2	17.9	17.9
Max	.37	28.4	26.3	29.3	25.6	24.7	21.4	20.8
Hr. of Max	14	21	21	21	13	13	10	10
Min	-.54	3.7	4.8	6.6	8.7	2.3	13.1	12.6
Count	24	24	24	24	24	24	24	24
Total								