Date Printed: 03/04/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/3/2017

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	-.9	1.9	3.2	4.8	2.75	4.09	5.70	1.34	2.96
01:00	-1.4	.9	2.0	3.8	2.30	3.43	5.18	1.13	2.88
02:00	-1.9	.2	1.4	2.8	2.10	3.28	4.65	1.17	2.55
03:00	-1.9	-.1	1.4	3.2	1.80	3.29	5.12	1.48	3.32
04:00	-1.6	-.6	1.4	2.5	1.02	3.03	4.15	2.01	3.13
05:00	-1.7	-.1	.5	1.4	1.60	2.22	3.14	.62	1.54
06:00	-1.9	-.3	.4	1.2	1.59	2.38	3.13	.79	1.54
07:00	-2.0	-.5	.2	1.3	1.50	2.17	3.24	.67	1.74
08:00	1.4	1.4	1.6	2.3	.01	.23	.89	.22	.88
09:00	5.1	4.6	4.3	4.1	-.58	-.88	-1.03	-.29	-.45
10:00	6.5	5.7	5.3	5.2	-.87	-1.20	-1.36	-.33	-.49
11:00	7.2	6.3	5.9	5.8	-.96	-1.30	-1.47	-.35	-.51
12:00	8.2	7.2	6.8	6.6	-1.01	-1.39	-1.56	-.37	-.55
13:00	8.8	7.9	7.5	7.3	-.96	-1.31	-1.52	-.35	-.56
14:00	9.3	8.3	8.0	7.8	-1.02	-1.38	-1.58	-.36	-.56
15:00	9.3	8.4	8.1	7.9	-.90	-1.27	-1.41	-.38	-.52
16:00	8.8	8.2	7.9	7.7	-.64	-.95	-1.11	-.31	-.48
17:00	8.1	7.8	7.6	7.5	-.31	-.58	-.69	-.27	-.38
18:00	6.4	6.7	6.6	6.6	.28	.21	.17	-.08	-.12
19:00	3.3	5.7	5.8	5.8	2.37	2.48	2.44	.11	.08
20:00	1.0	3.7	5.0	5.3	2.75	4.02	4.38	1.28	1.64
21:00	.0	2.2	3.5	4.4	2.17	3.49	4.38	1.32	2.21
22:00	-1.1	1.0	1.9	3.2	2.12	3.01	4.25	.89	2.13
23:00	-1.8	.0	.6	2.1	1.83	2.48	3.96	.64	2.13
Avg	2.8	3.6	4.0	4.6	.79	1.23	1.79	.44	1.00
Max	9.3	8.4	8.1	7.9	2.75	4.09	5.70	2.01	3.32
Hr. of Max	15	15	15	15	20	00	00	04	03
Min	-2.0	-.6	.2	1.2	-1.02	-1.39	-1.58	-.38	-.56
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)

3/3/2017

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	-3.8	-5.7	-2.8	10.3	81.3	57.8	3.7	3.2	0.002901
01:00	-4.2	-5.6	-3.3	10.1	81.7	62.6	3.6	3.2	0.002804
02:00	-4.1	-5.1	-3.4	9.8	85.1	68.1	3.6	3.3	0.002824
03:00	-3.9	-4.7	-3.2	9.6	86.7	71.4	3.7	3.4	0.002876
04:00	-3.6	-3.9	-2.9	9.3	86.8	78.9	3.7	3.7	0.002937
05:00	-3.4	-3.7	-2.9	9.1	88.7	77.1	3.8	3.7	0.00297
06:00	-3.6	-4.0	-3.0	8.9	89.1	77.0	3.8	3.6	0.002935
07:00	-3.7	-4.6	-3.1	8.7	88.6	74.2	3.7	3.5	0.00291
08:00	-2.0	-3.5	-.9	8.5	78.9	70.3	4.2	3.7	0.003298
09:00	-3.3	-4.6	-.5	8.3	55.3	52.3	3.8	3.4	0.003017
10:00	-7.8	-9.2	-3.0	8.4	35.8	34.1	2.7	2.4	0.002152
11:00	-9.4	-11.0	-3.8	8.5	30.2	28.4	2.4	2.1	0.001908
12:00	-11.1	-12.9	-4.7	8.8	24.7	23.0	2.1	1.8	0.001669
13:00	-12.3	-13.9	-5.2	9.2	21.6	20.2	1.9	1.7	0.001524
14:00	-12.9	-14.9	-5.5	9.6	19.9	18.2	1.8	1.5	0.001453
15:00	-13.3	-15.1	-5.7	9.9	19.3	17.7	1.7	1.5	0.001413
16:00	-14.2	-15.7	-6.5	10.1	18.6	17.1	1.6	1.4	0.001311
17:00	-14.0	-15.4	-6.6	10.1	19.7	17.9	1.6	1.5	0.001327
18:00	-13.3	-14.9	-6.7	10.2	23.5	20.1	1.7	1.5	0.001399
19:00	-10.0	-14.7	-5.6	10.1	37.8	21.9	2.3	1.6	0.001799
20:00	-8.3	-13.4	-5.2	10.0	50.3	28.0	2.6	1.7	0.00204
21:00	-8.0	-10.1	-5.3	9.8	55.1	40.8	2.7	2.3	0.002086
22:00	-8.1	-9.4	-5.8	9.6	59.4	46.1	2.7	2.4	0.002074
23:00	-8.0	-8.8	-5.9	9.3	63.1	51.9	2.7	2.5	0.002087
Avg	-7.8	-9.4	-4.2	9.4	54.2	44.8	2.8	2.5	0.002238
Max	-2.0	-3.5	-.5	10.3	89.1	78.9	4.2	3.7	0.003298
Hr. of Max	08	08	09	00	06	04	08	08	08
Min	-14.2	-15.7	-6.7	8.3	18.6	17.1	1.6	1.4	0.001311
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/3/2017

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	0.002517	4.6	4.0	.00	29.44	997.0	-2.6	.00	111.5
01:00	0.002538	4.5	4.1	.00	29.45	997.3	-2.0	.00	233.1
02:00	0.002637	4.5	4.2	.00	29.45	997.2	-2.2	.00	186.0
03:00	0.002703	4.6	4.3	.00	29.45	997.4	-2.4	.00	211.5
04:00	0.002877	4.7	4.6	.00	29.47	998.1	-2.6	.00	204.9
05:00	0.002905	4.7	4.6	.00	29.50	999.1	-2.5	.00	97.5
06:00	0.002854	4.7	4.6	.00	29.52	999.8	-1.9	.00	64.8
07:00	0.002722	4.7	4.4	.00	29.55	1000.8	62.9	.09	219.4
08:00	0.002946	5.3	4.7	.00	29.58	1001.8	249.2	.36	205.7
09:00	0.002738	4.8	4.4	.00	29.60	1002.5	480.7	.69	257.8
10:00	0.001932	3.5	3.1	.00	29.61	1002.8	663.8	.95	282.1
11:00	0.001678	3.1	2.7	.00	29.62	1003.2	768.9	1.10	288.2
12:00	0.001447	2.7	2.3	.00	29.62	1002.9	823.7	1.18	297.4
13:00	0.001334	2.5	2.1	.00	29.60	1002.5	822.2	1.18	303.0
14:00	0.001239	2.3	2.0	.00	29.59	1002.0	755.8	1.08	307.7
15:00	0.001215	2.3	2.0	.00	29.59	1002.1	622.6	.89	291.3
16:00	0.001153	2.1	1.9	.00	29.60	1002.4	423.0	.61	275.1
17:00	0.001182	2.1	1.9	.00	29.60	1002.4	166.9	.24	285.9
18:00	0.001223	2.3	2.0	.00	29.61	1002.9	11.0	.02	264.7
19:00	0.001242	2.9	2.0	.00	29.63	1003.3	-2.6	.00	297.2
20:00	0.001379	3.3	2.2	.00	29.63	1003.5	-2.5	.00	53.5
21:00	0.001799	3.4	2.9	.00	29.64	1003.9	-2.5	.00	92.5
22:00	0.001884	3.3	3.0	.00	29.65	1003.9	-2.7	.00	81.1
23:00	0.001965	3.4	3.2	.00	29.64	1003.8	-2.2	.00	71.1
Avg	0.002005	3.6	3.2	.00	29.57	1001.4	242.6	.35	260.0
Max	0.002946	5.3	4.7	.00	29.65	1003.9	823.7	1.18	307.7
Hr. of Max	08	08	08	23	22	22	12	13	14
Min	0.001153	2.1	1.9	.00	29.44	997.0	-2.7	.00	53.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/3/2017

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	285.4	272.2	237.4	267.9	25.5	56.8	22.4	.0	.3
01:00	237.5	237.9	253.2	233.2	12.2	6.3	10.3	.5	3.0
02:00	258.5	234.8	243.4	230.5	42.4	10.3	7.6	.7	1.6
03:00	253.4	279.1	242.4	273.4	29.4	22.1	9.2	.8	2.0
04:00	279.3	300.1	226.2	290.4	29.1	47.0	31.5	1.2	2.3
05:00	20.1	145.1	245.0	135.3	45.8	20.5	43.2	.1	.5
06:00	353.7	244.7	265.6	260.9	48.8	47.5	22.5	.1	.2
07:00	193.6	240.6	252.2	234.9	36.2	32.1	15.7	.4	1.0
08:00	226.4	250.4	210.5	245.5	13.3	8.7	11.7	2.6	3.7
09:00	273.9	275.6	257.5	268.7	53.5	37.3	32.7	3.1	3.9
10:00	294.2	296.7	276.8	288.6	43.9	31.3	29.0	5.6	7.4
11:00	299.1	299.8	284.9	292.0	44.9	35.2	32.1	5.1	6.7
12:00	311.3	310.3	292.8	302.1	53.4	40.8	35.3	4.7	6.9
13:00	314.1	315.1	300.1	304.8	47.3	38.6	33.5	5.0	6.9
14:00	322.7	321.1	303.5	312.0	50.0	41.2	37.1	4.3	6.1
15:00	303.5	301.2	284.5	293.1	42.2	31.7	26.3	5.2	7.0
16:00	284.9	285.7	274.0	278.9	34.2	27.5	24.9	6.5	8.4
17:00	292.2	293.9	280.9	286.4	31.4	25.3	21.1	4.2	6.0
18:00	278.6	283.4	264.8	277.3	21.9	16.9	14.1	3.8	5.8
19:00	308.4	307.7	291.5	299.7	28.2	24.8	18.7	1.3	2.5
20:00	341.2	333.0	.3	322.5	62.7	21.8	14.5	.2	1.6
21:00	27.2	343.1	61.2	332.2	23.3	20.3	13.1	.8	1.6
22:00	41.9	51.7	31.1	41.9	10.4	15.4	7.8	.4	1.2
23:00	55.3	52.3	45.3	42.9	13.4	16.6	7.9	.5	1.3
Avg	300.0	290.0	274.0	284.0	35.1	28.2	21.8	.0	.0
Max	353.7	343.1	303.5	332.2	62.7	56.8	43.2	6.5	8.4
Hr. of Max	06	21	14	21	20	00	05	16	16
Min	20.1	51.7	.3	41.9	10.4	6.3	7.6	.0	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/3/2017

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	2.2	.0	.4	2.3	.9	2.4	2.9	.6	.05
01:00	3.0	.6	3.0	3.3	1.0	3.5	2.1	.1	.04
02:00	2.8	.7	1.6	3.0	1.1	3.2	2.5	-.2	.05
03:00	4.1	.9	2.1	4.2	1.4	4.2	1.5	1.6	.03
04:00	4.3	1.3	3.0	4.7	1.8	4.7	1.5	3.4	.08
05:00	.8	.4	.5	1.1	.8	1.3	.8	.6	.01
06:00	.9	.3	.3	1.1	.8	1.3	.7	-.6	.01
07:00	1.2	.5	1.0	1.5	1.2	1.7	1.4	-.9	.03
08:00	3.5	2.8	3.7	3.6	3.1	3.8	2.0	.3	.08
09:00	4.5	4.2	4.7	5.1	4.7	5.6	.8	1.9	-.06
10:00	8.8	6.9	8.4	9.6	7.4	10.1	-1.0	-2.9	-.57
11:00	7.6	6.8	8.2	8.8	7.5	9.6	-2.8	-2.6	-.62
12:00	8.3	6.9	8.8	9.8	7.7	10.7	-2.5	-.6	-.55
13:00	8.1	6.6	8.5	9.3	7.3	10.1	-1.7	-.3	-.65
14:00	7.3	6.0	7.8	8.8	6.9	9.7	-1.5	4.0	-.55
15:00	8.9	6.5	8.1	9.8	7.3	10.4	-2.7	-1.4	-.63
16:00	9.9	7.5	9.3	10.8	8.1	11.3	-2.7	-1.8	-.66
17:00	7.3	4.8	6.6	7.9	5.3	8.3	.7	-1.1	-.25
18:00	7.5	4.0	6.0	7.7	4.4	7.9	-.8	-1.8	-.22
19:00	3.7	1.7	2.9	3.9	1.9	4.0	.3	-1.4	-.04
20:00	2.7	.4	1.8	2.8	.8	3.0	1.3	2.4	.03
21:00	3.1	.8	2.2	3.5	1.2	3.7	.9	4.0	.02
22:00	2.3	.4	1.2	2.4	.7	2.6	1.1	1.9	.02
23:00	2.2	.5	1.3	2.3	.9	2.5	-.4	.9	-.01
Avg	.0	3.0	4.2	5.3	3.5	5.7	.2	.3	-.18
Max	9.9	7.5	9.3	10.8	8.1	11.3	2.9	4.0	.08
Hr. of Max	16	16	16	16	16	16	00	21	08
Min	.8	.0	.3	1.1	.7	1.3	-2.8	-2.9	-.66
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/3/2017

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	.06	.7	1.4	5.3	6.4	4.7	1.9	4.7
01:00	.00	2.5	4.4	6.4	7.7	4.4	.8	3.7
02:00	-.01	2.3	7.1	8.9	6.7	2.6	.3	2.8
03:00	.09	3.4	6.4	8.5	6.4	5.8	-.1	3.1
04:00	.19	7.6	10.8	11.0	14.2	12.1	-.5	2.4
05:00	.02	3.9	2.7	2.3	9.4	10.4	.0	1.3
06:00	.00	2.1	2.1	2.7	8.0	7.3	-.3	1.1
07:00	-.01	2.1	3.4	3.7	7.3	7.5	-.3	1.2
08:00	.00	4.8	5.7	6.2	9.6	5.0	1.4	2.0
09:00	-.13	10.5	10.8	11.0	21.6	22.7	4.6	3.8
10:00	-1.02	18.3	22.7	22.9	21.8	18.8	5.6	4.7
11:00	-.96	19.9	20.8	22.4	20.8	20.3	6.1	5.2
12:00	-.55	22.4	24.0	37.3	21.3	20.5	7.0	6.0
13:00	-.62	20.6	21.8	23.8	23.9	21.7	7.6	6.7
14:00	.24	19.7	21.8	22.2	24.1	22.2	8.1	7.1
15:00	-.81	19.2	21.8	26.1	22.7	20.3	8.2	7.3
16:00	-.83	23.1	33.0	38.9	18.6	15.9	8.0	7.2
17:00	-.67	14.0	18.8	18.5	21.9	17.7	7.7	7.0
18:00	-.44	11.9	15.6	16.5	16.4	11.8	6.6	6.2
19:00	-.22	5.0	7.3	14.2	14.7	11.7	5.6	5.4
20:00	.10	2.3	4.6	6.0	11.6	7.0	3.5	4.9
21:00	.21	2.1	5.0	8.5	10.6	7.5	2.1	4.0
22:00	.09	1.8	4.1	4.6	8.5	3.8	1.0	2.8
23:00	.05	1.8	2.5	3.9	7.8	3.5	.0	1.9
Avg	-.22	9.3	11.6	13.8	14.3	11.9	3.5	4.3
Max	.24	23.1	33.0	38.9	24.1	22.7	8.2	7.3
Hr. of Max	14	16	16	16	14	09	15	15
Min	-1.02	.7	1.4	2.3	6.4	2.6	-.5	1.1
Count	24	24	24	24	24	24	24	24
Total								