Date Printed: 05/05/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2015

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	12.0	13.9	14.6	16.5	1.90	2.55	4.48	.65	2.58
01:00	11.2	13.0	13.6	15.5	1.85	2.42	4.37	.57	2.52
02:00	10.6	12.2	12.9	14.0	1.66	2.31	3.47	.65	1.82
03:00	10.1	11.6	12.1	13.6	1.59	2.02	3.54	.42	1.95
04:00	9.5	11.2	11.6	13.2	1.66	2.09	3.71	.44	2.05
05:00	9.2	10.8	11.2	12.3	1.59	2.00	3.14	.41	1.55
06:00	8.8	10.4	10.8	11.6	1.56	1.99	2.77	.43	1.21
07:00	9.7	10.6	10.9	11.3	.92	1.23	1.56	.30	.63
08:00	13.4	13.2	13.0	13.2	-.21	-.44	-.30	-.23	-.09
09:00	17.5	17.2	17.0	16.8	-.34	-.52	-.67	-.18	-.33
10:00	20.6	20.0	19.7	19.5	-.59	-.88	-1.03	-.29	-.43
11:00	22.9	22.1	21.8	21.7	-.85	-1.16	-1.27	-.31	-.42
12:00	25.1	24.1	23.8	23.7	-1.04	-1.33	-1.47	-.30	-.43
13:00	26.3	25.1	24.8	24.6	-1.21	-1.56	-1.66	-.35	-.46
14:00	26.8	25.7	25.4	25.3	-1.10	-1.42	-1.54	-.33	-.44
15:00	27.1	26.2	25.9	25.7	-.94	-1.23	-1.39	-.29	-.46
16:00	27.1	26.4	26.1	25.9	-.70	-1.03	-1.16	-.33	-.46
17:00	27.1	26.6	26.3	26.1	-.48	-.80	-.99	-.32	-.51
18:00	26.8	26.5	26.2	26.1	-.30	-.60	-.72	-.30	-.43
19:00	23.8	25.4	25.5	25.6	1.57	1.67	1.80	.10	.23
20:00	19.4	22.2	23.3	24.3	2.82	3.92	4.83	1.11	2.02
21:00	17.0	20.0	20.9	22.3	3.00	3.95	5.27	.95	2.26
22:00	15.5	18.0	18.7	20.1	2.54	3.20	4.61	.67	2.07
23:00	14.3	16.5	17.1	18.6	2.20	2.77	4.31	.56	2.10
Avg	18.0	18.7	18.9	19.5	.71	.88	1.49	.17	.77
Max	27.1	26.6	26.3	26.1	3.00	3.95	5.27	1.11	2.58
Hr. of Max	17	17	17	18	21	21	21	20	00
Min	8.8	10.4	10.8	11.3	-1.21	-1.56	-1.66	-.35	-.51
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2015

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	10.0	10.3	18.5	84.9	78.1	9.0	9.3	0.007501
01:00	9.1	9.9	9.8	18.3	88.2	82.6	8.8	9.3	0.007356
02:00	8.8	9.8	9.4	18.0	90.1	86.3	8.7	9.2	0.007217
03:00	8.6	9.6	9.1	17.7	91.5	88.5	8.5	9.1	0.007084
04:00	8.2	9.5	8.6	17.5	92.5	90.6	8.3	9.1	0.0069
05:00	7.9	9.4	8.3	17.2	92.9	92.2	8.2	9.0	0.006778
06:00	7.7	9.2	8.0	17.0	93.5	93.8	8.1	8.9	0.006647
07:00	8.4	8.8	8.8	16.7	92.5	89.8	8.5	8.7	0.006991
08:00	10.3	9.4	11.4	16.5	82.5	78.9	9.5	9.0	0.007972
09:00	10.8	9.7	13.0	16.4	66.0	62.9	9.7	9.1	0.008231
10:00	9.8	8.9	13.4	16.4	51.1	49.7	9.0	8.5	0.007747
11:00	10.0	9.2	14.3	16.8	45.0	44.8	9.1	8.7	0.007884
12:00	9.5	8.8	14.7	17.5	38.1	38.8	8.8	8.4	0.007626
13:00	8.2	7.5	14.2	18.3	32.5	33.4	8.0	7.7	0.006993
14:00	7.6	6.9	14.0	19.1	30.3	30.8	7.7	7.3	0.006728
15:00	6.8	6.1	13.6	19.7	28.4	28.6	7.3	7.0	0.006411
16:00	7.5	6.7	14.0	20.0	29.8	29.4	7.6	7.3	0.006701
17:00	7.7	7.1	14.2	20.3	30.3	29.8	7.8	7.4	0.006809
18:00	7.8	7.2	14.1	20.4	30.9	30.1	7.8	7.5	0.00684
19:00	9.6	7.4	14.4	20.5	42.4	32.6	8.9	7.6	0.007722
20:00	10.9	8.6	13.7	20.4	58.8	42.8	9.7	8.3	0.008319
21:00	10.4	9.3	12.6	20.3	66.2	51.1	9.5	8.7	0.008044
22:00	10.4	9.9	12.1	20.1	72.6	60.0	9.5	9.1	0.008011
23:00	10.2	10.3	11.6	19.8	77.7	68.0	9.4	9.4	0.00794
Avg	9.0	8.7	12.0	18.5	62.9	58.9	8.6	8.5	0.007352
Max	10.9	10.3	14.7	20.5	93.5	93.8	9.7	9.4	0.008319
Hr. of Max	20	23	12	19	06	06	20	23	20
Min	6.8	6.1	8.0	16.4	28.4	28.6	7.3	7.0	0.006411
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2015

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	0.007816	11.8	12.3	.00	29.26	990.9	-1.6	.00	30.8
01:00	0.007786	11.6	12.3	.00	29.26	990.9	-1.4	.00	31.1
02:00	0.007721	11.4	12.1	.00	29.26	990.8	-1.4	.00	41.9
03:00	0.007625	11.2	12.0	.00	29.26	990.9	-1.7	.00	43.1
04:00	0.007549	10.9	11.9	.00	29.28	991.4	-2.0	.00	22.2
05:00	0.007487	10.7	11.8	.00	29.30	992.2	-3.1	.00	31.4
06:00	0.00741	10.5	11.7	.00	29.32	992.8	1.2	.00	.6
07:00	0.007208	11.0	11.4	.00	29.34	993.5	71.4	.10	84.9
08:00	0.007513	12.6	11.9	.00	29.35	994.0	311.1	.45	110.3
09:00	0.007681	13.0	12.1	.00	29.37	994.5	523.8	.75	169.9
10:00	0.007266	12.2	11.5	.00	29.38	995.0	710.3	1.02	216.9
11:00	0.00746	12.5	11.8	.00	29.39	995.4	860.9	1.23	212.3
12:00	0.007292	12.1	11.5	.00	29.39	995.2	958.9	1.37	230.2
13:00	0.006674	11.1	10.6	.00	29.36	994.4	985.0	1.41	220.6
14:00	0.006399	10.6	10.1	.00	29.35	993.8	980.7	1.41	192.3
15:00	0.006099	10.1	9.6	.00	29.33	993.1	891.0	1.28	184.3
16:00	0.006347	10.6	10.0	.00	29.31	992.6	577.6	.83	207.9
17:00	0.006508	10.7	10.3	.00	29.30	992.2	416.8	.60	199.3
18:00	0.006553	10.8	10.3	.00	29.29	992.0	288.1	.41	235.2
19:00	0.006636	12.2	10.5	.00	29.29	992.0	93.3	.13	253.6
20:00	0.007187	13.1	11.3	.00	29.30	992.3	3.9	.01	315.9
21:00	0.007492	12.7	11.8	.00	29.32	992.9	-2.1	.00	306.9
22:00	0.00777	12.6	12.3	.00	29.34	993.6	-3.8	-.01	79.0
23:00	0.007998	12.5	12.6	.00	29.35	993.8	-3.7	-.01	44.6
Avg	0.007228	11.6	11.4	.00	29.32	992.9	318.9	.46	168.0
Max	0.007998	13.1	12.6	.00	29.39	995.4	985.0	1.41	315.9
Hr. of Max	23	20	23	23	12	11	13	14	20
Min	0.006099	10.1	9.6	.00	29.26	990.8	-3.8	-.01	.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2015

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	66.4	343.7	36.8	8.2	35.7	14.9	53.0	.2	.9
01:00	67.6	45.1	349.9	44.0	47.7	12.6	50.0	.1	1.0
02:00	56.1	60.2	47.5	56.4	34.6	8.6	8.1	.3	1.2
03:00	63.7	50.9	49.4	46.4	32.2	8.0	7.9	.2	1.1
04:00	65.5	44.8	33.9	39.5	21.8	9.7	7.7	.1	1.0
05:00	58.4	58.4	42.2	54.8	34.9	8.1	7.1	.2	1.3
06:00	66.5	65.5	41.4	61.9	23.5	9.5	4.1	.1	.8
07:00	56.7	53.4	87.3	49.6	22.3	10.9	4.2	.4	1.2
08:00	91.8	48.1	125.8	43.4	29.5	39.5	17.2	.6	.7
09:00	222.0	224.4	166.0	226.6	62.4	55.6	52.1	.3	.6
10:00	217.3	219.4	222.1	222.5	43.9	40.5	38.3	1.7	1.8
11:00	219.6	221.7	219.6	223.3	33.2	26.3	20.7	3.6	4.6
12:00	230.0	227.5	233.4	229.7	38.6	32.8	27.6	3.9	4.9
13:00	227.1	223.2	228.0	225.0	31.1	25.5	21.5	6.6	8.8
14:00	200.0	199.3	197.6	200.6	30.0	28.4	26.2	5.3	6.9
15:00	190.9	192.0	192.0	191.7	40.1	36.6	33.1	4.4	5.5
16:00	217.3	217.4	214.6	218.8	38.9	32.7	28.6	4.3	5.3
17:00	208.6	211.0	205.2	212.3	30.5	28.7	23.2	4.5	5.5
18:00	239.1	235.8	240.3	237.9	24.0	18.2	14.0	4.0	5.8
19:00	237.0	232.9	256.6	234.9	16.6	9.6	7.9	2.2	4.1
20:00	236.3	209.2	306.1	211.0	41.1	25.3	9.1	.8	.7
21:00	79.6	231.6	293.5	233.3	41.4	39.0	10.9	.1	.0
22:00	58.6	242.8	77.3	282.2	54.8	10.2	8.7	.0	.8
23:00	64.9	29.5	77.8	30.9	39.8	13.1	21.4	.1	.7
Avg	141.0	211.0	184.0	226.0	35.4	22.7	20.9	.0	.0
Max	239.1	343.7	349.9	282.2	62.4	55.6	53.0	6.6	8.8
Hr. of Max	18	00	01	22	09	09	00	13	13
Min	56.1	29.5	33.9	8.2	16.6	8.0	4.1	.0	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2015

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	.3	.5	.9	.4	.9	.8	2.3	-.7	.03
01:00	.6	.1	1.0	1.0	.4	1.4	2.3	-.2	.03
02:00	1.4	.4	1.2	1.5	.8	1.8	4.6	-.7	.06
03:00	2.6	.2	1.1	2.7	.6	3.0	2.8	-.7	.03
04:00	2.0	.1	1.0	2.0	.5	2.4	3.3	-.2	.04
05:00	3.1	.3	1.3	3.2	.6	3.5	1.8	.5	.03
06:00	3.1	.1	.8	3.1	.4	3.4	2.6	-.4	.03
07:00	3.3	.4	1.2	3.3	.9	3.7	4.1	-.4	.07
08:00	1.9	.7	.8	1.9	1.3	2.3	6.5	.0	.17
09:00	.9	.7	.9	1.1	1.4	1.7	10.9	8.6	.43
10:00	2.0	2.4	2.4	2.6	2.9	3.2	-2.6	-6.9	-.19
11:00	5.1	4.4	5.2	5.5	5.0	6.1	-2.0	-5.7	-.28
12:00	5.6	4.9	5.8	6.4	5.5	7.1	1.3	-.2	-.06
13:00	10.1	7.7	9.9	11.0	8.4	11.8	-1.4	-.5	-.38
14:00	7.7	6.8	8.3	9.0	7.4	9.8	1.0	.9	-.14
15:00	6.4	5.5	6.7	7.4	6.2	8.1	1.1	.0	-.10
16:00	6.2	5.2	6.1	6.9	5.7	7.6	-.9	3.9	-.22
17:00	6.4	5.2	6.3	6.9	5.9	7.6	.5	1.0	-.15
18:00	6.8	4.3	6.0	7.0	4.8	7.6	-.4	.7	-.22
19:00	5.6	2.4	4.2	5.7	2.8	6.1	-1.2	.9	-.11
20:00	2.6	.8	.9	2.7	1.0	3.0	.9	.3	.01
21:00	.9	.1	.0	.9	.4	1.2	2.3	-.6	.03
22:00	.1	.1	.8	.2	.4	.4	2.8	.1	.03
23:00	.2	.1	.8	.2	.4	.6	1.5	-.5	.02
Avg	.0	2.2	3.1	3.9	2.7	4.3	1.8	.0	-.04
Max	10.1	7.7	9.9	11.0	8.4	11.8	10.9	8.6	.43
Hr. of Max	13	13	13	13	13	13	09	09	09
Min	.1	.1	.0	.2	.4	.4	-2.6	-6.9	-.38
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/4/2015

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	82_SPkWsH_015m	83_SPkWsH_060m	84_SigPhi_015m	85_SigPhi_060m
Hour	MPH	MPH	MPH	MPH	MPH	MPH	DEG	DEG
00:00	-.01	1.4	2.3	1.6	1.7	2.1	7.8	9.8
01:00	.00	1.1	2.5	2.7	1.4	3.2	7.5	10.1
02:00	-.02	1.8	2.5	4.8	2.0	3.0	8.1	4.3
03:00	-.04	1.4	2.1	4.1	1.5	4.4	8.2	6.0
04:00	-.01	1.4	2.5	7.3	1.4	4.1	8.2	3.6
05:00	.02	1.4	2.5	4.6	1.7	5.0	8.2	3.3
06:00	-.02	1.1	1.6	7.6	1.4	4.6	5.9	1.6
07:00	-.03	1.6	2.5	5.5	2.2	5.8	12.0	2.9
08:00	-.01	2.5	3.4	8.9	3.1	5.9	25.2	14.1
09:00	.34	3.2	3.4	3.9	3.9	5.0	34.6	32.9
10:00	-.42	8.0	7.3	7.3	8.3	7.5	26.1	28.6
11:00	-.68	10.5	11.4	11.7	12.7	12.9	20.5	18.7
12:00	-.11	12.1	13.5	14.9	13.5	15.5	22.1	20.5
13:00	-.17	19.0	19.0	20.2	18.9	22.4	16.1	12.2
14:00	.07	16.5	18.5	18.5	19.0	19.5	18.1	18.8
15:00	-.15	16.9	17.6	18.3	18.4	20.5	21.5	22.9
16:00	.28	18.1	16.0	23.6	15.1	17.4	17.8	18.5
17:00	-.07	14.2	14.9	14.7	17.1	16.5	18.6	17.7
18:00	-.04	10.3	12.1	15.1	10.7	16.0	17.4	11.3
19:00	.09	6.9	12.1	15.6	7.5	10.1	9.6	4.4
20:00	.03	2.3	3.0	7.3	2.1	5.7	7.8	3.0
21:00	-.01	1.1	1.6	1.6	1.4	2.0	6.8	4.4
22:00	.00	1.1	1.4	.9	1.3	1.2	5.7	3.4
23:00	.00	.9	2.3	.9	1.3	1.4	6.0	6.8
Avg	-.04	6.5	7.3	9.2	7.0	8.8	14.2	11.7
Max	.34	19.0	19.0	23.6	19.0	22.4	34.6	32.9
Hr. of Max	09	13	13	16	14	13	09	09
Min	-.68	.9	1.4	.9	1.3	1.2	5.7	1.6
Count	24	24	24	24	24	24	24	24
Total								