Date Printed: 10/09/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/8/2014

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	17.2	19.0	19.5	19.9	1.86	2.32	2.69	.46	.83
01:00	16.9	19.1	19.4	19.8	2.17	2.55	2.91	.39	.74
02:00	17.6	19.0	19.2	19.6	1.35	1.62	1.96	.27	.61
03:00	17.5	18.7	18.9	19.2	1.16	1.39	1.71	.23	.55
04:00	17.8	18.3	18.3	18.5	.51	.55	.74	.04	.22
05:00	17.3	17.9	18.3	18.5	.56	.91	1.18	.35	.61
06:00	17.0	17.7	17.9	18.2	.70	.93	1.25	.23	.54
07:00	16.9	17.5	17.6	17.8	.60	.69	.88	.09	.29
08:00	17.1	17.3	17.3	17.5	.19	.19	.32	.00	.13
09:00	18.6	18.3	18.0	18.0	-.28	-.53	-.57	-.24	-.28
10:00	20.2	19.7	19.4	19.3	-.56	-.86	-.95	-.30	-.39
11:00	21.9	21.1	20.8	20.8	-.79	-1.10	-1.16	-.31	-.38
12:00	23.5	22.7	22.4	22.3	-.85	-1.17	-1.24	-.32	-.39
13:00	24.9	24.0	23.7	23.6	-.95	-1.21	-1.31	-.26	-.35
14:00	26.0	25.0	24.7	24.6	-1.01	-1.31	-1.38	-.31	-.37
15:00	26.6	25.7	25.4	25.4	-.90	-1.21	-1.27	-.30	-.37
16:00	26.6	25.9	25.6	25.5	-.73	-1.02	-1.10	-.28	-.37
17:00	24.7	25.1	25.1	25.2	.41	.44	.49	.03	.08
18:00	20.0	21.6	23.1	24.0	1.66	3.11	4.02	1.45	2.37
19:00	17.1	19.0	20.1	21.5	1.88	2.95	4.37	1.06	2.49
20:00	15.4	17.5	18.4	19.5	2.10	3.02	4.09	.93	1.99
21:00	14.5	16.3	17.4	19.1	1.83	2.92	4.53	1.10	2.71
22:00	13.8	15.5	16.3	17.7	1.66	2.54	3.86	.88	2.20
23:00	13.3	14.7	15.3	16.5	1.45	2.05	3.25	.60	1.80
Avg	19.3	19.9	20.1	20.5	.58	.82	1.22	.24	.64
Max	26.6	25.9	25.6	25.5	2.17	3.11	4.53	1.45	2.71
Hr. of Max	16	16	16	16	01	18	21	18	21
Min	13.3	14.7	15.3	16.5	-1.01	-1.31	-1.38	-.32	-.39
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/8/2014

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	16.2	16.8	16.5	17.8	95.7	88.6	13.8	14.2	0.011878
01:00	15.9	16.6	16.3	17.8	95.9	87.4	13.6	14.1	0.011682
02:00	16.4	16.4	16.8	17.8	94.3	86.6	13.9	13.9	0.012034
03:00	16.3	16.4	16.7	17.7	94.6	88.3	13.9	13.9	0.012
04:00	16.6	16.7	17.0	17.7	94.4	92.3	14.1	14.2	0.012158
05:00	16.3	16.7	16.7	17.7	95.5	94.3	13.9	14.2	0.011963
06:00	16.0	16.7	16.3	17.7	96.0	95.7	13.6	14.2	0.011718
07:00	16.0	16.5	16.3	17.7	96.2	95.9	13.6	14.0	0.011696
08:00	16.2	16.3	16.5	17.7	95.7	95.4	13.7	13.8	0.011803
09:00	16.6	16.2	17.3	17.7	90.1	89.1	14.1	13.7	0.012145
10:00	16.4	15.9	17.7	17.8	80.3	80.4	13.8	13.4	0.011996
11:00	15.1	14.5	17.4	18.2	66.7	67.3	12.7	12.2	0.011048
12:00	13.3	12.7	16.7	18.6	54.3	54.6	11.3	10.9	0.009906
13:00	9.9	9.3	14.9	19.2	39.7	40.5	9.0	8.7	0.007876
14:00	7.6	7.0	13.7	19.8	31.9	32.4	7.7	7.4	0.006754
15:00	5.9	5.2	12.8	20.4	27.4	27.5	6.9	6.5	0.006044
16:00	7.3	6.6	13.8	20.7	30.5	30.1	7.6	7.2	0.006692
17:00	11.3	9.5	15.8	20.8	45.0	38.3	9.9	8.8	0.008711
18:00	14.4	12.2	16.3	20.8	71.9	56.2	12.2	10.5	0.010574
19:00	13.5	11.7	14.7	20.8	80.5	63.9	11.6	10.3	0.009943
20:00	12.6	12.7	13.5	20.6	84.6	74.7	11.0	11.0	0.009339
21:00	12.6	13.2	13.2	20.4	89.4	82.9	11.0	11.4	0.009319
22:00	12.3	13.2	12.8	20.2	92.3	87.9	10.9	11.4	0.009168
23:00	12.0	13.3	12.4	19.9	93.2	92.7	10.6	11.5	0.008937
Avg	13.6	13.4	15.5	19.0	76.5	72.6	11.9	11.7	0.010224
Max	16.6	16.8	17.7	20.8	96.2	95.9	14.1	14.2	0.012158
Hr. of Max	09	00	10	19	07	07	09	06	04
Min	5.9	5.2	12.4	17.7	27.4	27.5	6.9	6.5	0.006044
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/8/2014

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	0.012359	18.5	19.2	.00	29.08	984.7	-2.3	.00	231.8
01:00	0.012207	18.2	19.0	.00	29.07	984.6	-1.9	.00	233.6
02:00	0.012022	18.7	18.7	.00	29.08	984.7	-1.2	.00	229.2
03:00	0.01204	18.6	18.7	.01	29.08	984.7	-3.0	.00	239.7
04:00	0.01228	18.9	19.1	.01	29.08	984.9	-2.8	.00	283.4
05:00	0.012234	18.6	19.0	.00	29.11	985.7	-3.2	.00	213.6
06:00	0.012219	18.2	19.0	.00	29.12	986.3	-3.0	.00	239.9
07:00	0.012106	18.2	18.8	.00	29.15	987.1	-.8	.00	235.2
08:00	0.011907	18.4	18.6	.00	29.18	988.2	34.8	.05	228.6
09:00	0.011799	18.9	18.4	.00	29.21	989.2	343.7	.49	220.1
10:00	0.011606	18.7	18.1	.00	29.22	989.6	536.2	.77	220.1
11:00	0.010632	17.3	16.6	.00	29.22	989.6	663.9	.95	223.4
12:00	0.009469	15.5	14.8	.00	29.22	989.4	745.8	1.07	251.9
13:00	0.007585	12.4	11.9	.00	29.20	988.9	798.4	1.14	281.1
14:00	0.00647	10.6	10.2	.00	29.18	988.0	773.7	1.11	244.1
15:00	0.005741	9.5	9.0	.00	29.16	987.6	676.0	.97	257.2
16:00	0.006337	10.5	10.0	.00	29.16	987.6	481.8	.69	236.9
17:00	0.007687	13.6	12.1	.00	29.15	987.3	255.9	.37	262.7
18:00	0.009157	16.5	14.3	.00	29.15	987.3	45.4	.07	290.7
19:00	0.008867	15.5	13.9	.00	29.17	987.8	-.5	.00	302.4
20:00	0.00942	14.6	14.7	.00	29.18	988.3	-1.3	.00	303.8
21:00	0.009709	14.6	15.2	.00	29.20	988.7	-2.4	.00	290.7
22:00	0.009726	14.4	15.2	.00	29.21	989.3	-2.5	.00	323.6
23:00	0.009768	14.0	15.3	.00	29.22	989.5	-2.2	.00	5.7
Avg	0.010139	16.0	15.8	.00	29.16	987.5	222.0	.32	255.0
Max	0.012359	18.9	19.2	.01	29.22	989.6	798.4	1.14	323.6
Hr. of Max	00	09	00	04	23	11	13	13	22
Min	0.005741	9.5	9.0	.00	29.07	984.6	-3.2	.00	5.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/8/2014

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	246.2	241.8	241.5	243.8	22.0	9.8	7.2	1.7	4.5
01:00	245.0	239.9	244.1	242.2	16.3	9.5	6.7	2.4	5.2
02:00	237.1	233.1	240.0	235.7	17.4	8.1	5.9	2.5	5.4
03:00	241.5	231.9	250.4	234.6	14.8	8.2	5.4	2.9	5.8
04:00	281.6	269.9	291.0	270.8	45.4	25.3	16.2	1.8	3.4
05:00	242.0	285.1	241.4	284.0	50.4	44.7	30.9	.5	1.2
06:00	234.5	231.2	250.7	233.6	16.5	9.7	8.1	2.0	4.3
07:00	235.2	229.6	247.1	232.5	13.0	6.0	5.1	3.0	5.8
08:00	236.3	233.4	240.1	236.1	14.3	9.4	5.7	3.2	5.8
09:00	226.8	226.3 D	232.3	229.0	20.6	14.2	9.9	4.3	6.4
10:00	229.5	228.5	231.6	230.4	28.4	20.3	17.0	4.6	6.0
11:00	232.3	233.1	234.8	234.1	46.1	41.9	30.9	3.5	4.4
12:00	259.0	255.7	254.2	255.4	71.1	69.6	59.9	1.5	2.3
13:00	287.6	284.2	288.3	283.7	43.5	34.5	32.8	3.3	4.3
14:00	253.1	252.5	256.3	253.8	34.7	28.4	24.4	4.6	5.8
15:00	274.0	273.7	269.1	274.1	37.3	28.7	29.2	3.4	4.3
16:00	245.5	243.0	249.5	245.1	32.5	29.2	23.8	3.6	4.2
17:00	251.1	246.7	270.8	248.6	25.0	15.1	10.9	1.6	3.5
18:00	267.3	274.6	296.2	276.1	15.3	35.6	7.5	.7	1.2
19:00	226.4	236.5	312.1	237.7	22.2	45.9	13.1	.5	1.1
20:00	237.5	221.4	302.3	223.9	31.1	43.1	6.4	.3	.5
21:00	244.0	220.2	285.7	222.1	53.4	43.0	10.4	.5	1.1
22:00	260.9	211.4	307.4	212.8	36.6	28.5	5.9	.9	1.8
23:00	40.7	226.9	16.0	226.1	36.3	26.2	30.8	.2	.2
Avg	248.0	242.0	264.0	244.0	31.0	26.5	16.8	.0	.0
Max	287.6	285.1	312.1	284.0	71.1	69.6	59.9	4.6	6.4
Hr. of Max	13	05	19	05	12	12	12	14	09
Min	40.7	211.4	16.0	212.8	13.0	6.0	5.1	.2	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/8/2014

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	7.2	1.9	4.6	7.2	2.3	7.7	-.1	1.8	-.02
01:00	7.9	2.5	5.3	8.0	2.9	8.5	.0	1.5	-.03
02:00	8.0	2.6	5.4	8.0	3.1	8.6	-1.7	.6	-.12
03:00	8.1	3.1	5.9	8.2	3.5	8.8	-1.6	1.2	-.14
04:00	5.1	2.8	4.9	7.0	3.4	7.4	-2.6	.2	-.23
05:00	2.4	.8	1.9	3.1	1.4	3.4	5.0	1.1	.08
06:00	5.8	2.1	4.4	5.9	2.6	6.4	-1.9	1.5	-.11
07:00	7.5	3.1	5.9	7.6	3.7	8.2	-2.4	.2	-.19
08:00	7.6	3.4	5.9	7.7	3.8	8.3	-2.0	.5	-.20
09:00	8.0	4.6	6.6	8.2	5.2	8.8	.8	-.1	-.12
10:00	7.1	5.1	6.4	7.5	5.9	8.2	.4	1.9	-.15
11:00	5.0	4.5	5.4	5.8	5.1	6.5	1.0	1.8	-.11
12:00	2.8	3.4	4.1	4.4	4.1	5.0	-1.7	4.2	-.19
13:00	5.0	4.2	5.1	5.7	4.8	6.4	-4.1	-1.3	-.54
14:00	6.7	5.4	6.6	7.4	6.1	8.0	-1.9	.8	-.41
15:00	4.9	4.3	5.1	5.7	4.9	6.4	-1.7	1.8	-.34
16:00	5.0	3.9	4.6	5.3	4.6	5.9	-.2	-1.3	-.28
17:00	4.5	1.8	3.6	4.6	2.3	5.0	1.2	1.3	-.04
18:00	3.3	.7	1.2	3.6	1.1	3.5	4.8	3.7	.08
19:00	1.7	.5	1.1	2.1	.9	2.3	1.9	1.0	.02
20:00	2.1	.4	.6	2.1	.6	2.5	.8	-1.1	.00
21:00	1.9	.5	1.1	1.9	.9	2.3	1.5	-.8	.02
22:00	1.9	.9	2.0	1.9	1.3	2.2	.4	-.5	-.01
23:00	1.2	.4	.5	1.3	.8	1.6	2.9	-.3	.04
Avg	.0	2.6	4.1	5.4	3.1	5.9	-.1	.8	-.12
Max	8.1	5.4	6.6	8.2	6.1	8.8	5.0	4.2	.08
Hr. of Max	03	14	14	09	14	09	05	12	18
Min	1.2	.4	.5	1.3	.6	1.6	-4.1	-1.3	-.54
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/8/2014

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	.22	5.0	11.0	17.9	4.7	12.4	9.6	4.8
01:00	.21	4.8	9.8	18.1	5.9	14.7	7.6	4.3
02:00	.07	6.4	10.3	17.2	6.0	13.5	7.6	3.8
03:00	.17	6.9	11.9	14.9	8.0	13.7	7.2	3.1
04:00	-.04	7.6	14.9	22.0	8.9	13.2	13.3	7.8
05:00	.03	8.2	16.3	18.3	6.1	11.4	18.5	14.8
06:00	.15	4.8	9.2	11.2	5.1	9.1	7.2	3.7
07:00	.02	6.9	9.6	12.4	8.3	11.8	8.3	3.1
08:00	.06	6.4	8.9	11.7	9.0	12.4	10.2	3.6
09:00	-.10	10.5	14.4	16.7	12.7	15.0	17.6	8.2
10:00	.05	12.6	12.6	15.1	14.2	15.2	17.4	13.7
11:00	.01	12.1	12.6	13.3	12.7	14.5	20.1	18.5
12:00	.15	11.9	12.1	17.9	13.4	12.2	24.5	25.0
13:00	-.36	11.2	12.1	14.7	12.5	15.9	23.1	22.1
14:00	-.04	13.5	14.0	18.5	14.3	16.0	19.1	15.6
15:00	-.10	14.0	15.6	12.4	11.7	12.9	21.8	20.1
16:00	-.32	10.8	9.8	11.4	11.7	11.9	19.6	15.7
17:00	.08	6.4	7.6	11.9	9.0	10.3	18.3	8.8
18:00	.23	2.5	5.5	8.7	2.3	6.3	10.6	5.7
19:00	.04	1.6	2.5	6.4	2.2	5.1	8.7	7.1
20:00	-.05	1.8	1.8	3.7	2.2	3.9	5.7	3.1
21:00	-.03	3.7	3.4	5.3	4.1	3.3	8.6	3.0
22:00	.01	6.0	6.9	4.8	3.9	4.0	6.4	3.9
23:00	-.01	1.8	1.4	3.7	2.2	3.9	7.8	5.5
Avg	.02	7.4	9.8	12.8	8.0	10.9	13.3	9.4
Max	.23	14.0	16.3	22.0	14.3	16.0	24.5	25.0
Hr. of Max	18	15	05	04	14	14	12	12
Min	-.36	1.6	1.4	3.7	2.2	3.3	5.7	3.0
Count	24	24	24	24	24	24	24	24
Total								