Date Printed: 10/24/2014 08:49

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/23/2014

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	4.8	6.6	6.8	7.2	1.79	1.99	2.40	.21	.61
01:00	4.2	5.9	6.5	7.4	1.64	2.24	3.17	.60	1.53
02:00	3.8	5.6	6.0	6.9	1.75	2.14	3.05	.39	1.30
03:00	3.4	5.9	7.2	8.2	2.47	3.78	4.78	1.31	2.31
04:00	3.2	6.4	7.8	8.7	3.22	4.64	5.51	1.42	2.29
05:00	2.8	5.6	7.2	8.3	2.75	4.43	5.50	1.68	2.75
06:00	2.7	5.2	6.4	7.9	2.49	3.63	5.18	1.14	2.69
07:00	2.4	4.7	5.9	7.4	2.25	3.49	5.04	1.24	2.79
08:00	3.8	5.1	6.2	7.4	1.31	2.44	3.66	1.13	2.35
09:00	8.8	8.7	8.8	9.1	-.15	-.01	.30	.15	.45
10:00	11.6	11.1	10.7	10.4	-.58	-.98	-1.21	-.40	-.62
11:00	13.1	12.2	11.8	11.5	-.84	-1.27	-1.52	-.43	-.69
12:00	14.3	13.2	12.8	12.5	-1.02	-1.46	-1.72	-.44	-.69
13:00	15.3	14.3	13.9	13.6	-.95	-1.44	-1.70	-.49	-.75
14:00	16.6	15.6	15.1	14.8	-1.07	-1.51	-1.80	-.44	-.73
15:00	17.3	16.5	16.1	15.8	-.84	-1.25	-1.57	-.41	-.73
16:00	17.6	17.1	16.7	16.5	-.53	-.85	-1.07	-.32	-.54
17:00	16.7	16.6	16.4	16.3	-.12	-.30	-.39	-.19	-.27
18:00	14.5	15.5	15.7	15.7	.98	1.12	1.19	.14	.20
19:00	10.8	12.7	13.4	14.0	1.81	2.59	3.19	.78	1.38
20:00	9.2	11.2	11.6	12.8	1.97	2.37	3.62	.40	1.65
21:00	8.4	10.1	10.7	12.2	1.60	2.21	3.74	.61	2.14
22:00	8.0	9.4	9.9	11.0	1.33	1.83	2.96	.50	1.64
23:00	7.7	9.1	9.5	10.3	1.42	1.80	2.61	.38	1.19
Avg	9.2	10.2	10.5	11.1	.95	1.32	1.87	.37	.93
Max	17.6	17.1	16.7	16.5	3.22	4.64	5.51	1.68	2.79
Hr. of Max	16	16	16	16	04	04	04	05	07
Min	2.4	4.7	5.9	6.9	-1.07	-1.51	-1.80	-.49	-.75
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)

10/23/2014

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	3.3	4.1	3.8	14.8	90.8	85.0	6.0	6.4	0.004904
01:00	3.0	3.9	3.4	14.6	92.5	88.1	5.9	6.3	0.004797
02:00	2.7	3.8	3.1	14.4	92.7	89.2	5.8	6.3	0.004683
03:00	2.3	3.7	2.7	14.1	93.2	86.9	5.7	6.2	0.004562
04:00	2.1	3.8	2.4	13.9	93.0	84.1	5.6	6.2	0.00449
05:00	1.8	3.7	2.1	13.7	93.7	88.7	5.5	6.2	0.004393
06:00	1.7	3.8	2.0	13.5	93.6	91.2	5.4	6.2	0.004367
07:00	1.4	3.5	1.7	13.3	93.7	93.2	5.3	6.1	0.004268
08:00	2.7	3.7	3.0	13.1	93.3	91.6	5.8	6.2	0.004694
09:00	5.0	4.0	6.3	12.9	78.5	73.4	6.7	6.3	0.005548
10:00	4.0	3.6	6.6	12.9	60.4	60.8	6.2	6.1	0.00519
11:00	4.0	3.5	7.0	13.1	54.7	56.0	6.2	6.0	0.005169
12:00	4.0	3.5	7.4	13.3	50.6	52.4	6.2	6.0	0.005177
13:00	3.9	3.7	7.7	13.6	47.2	49.3	6.1	6.0	0.005169
14:00	4.1	3.8	8.3	14.2	44.1	46.1	6.2	6.1	0.005264
15:00	3.8	3.5	8.3	14.8	41.3	42.7	6.1	6.0	0.005157
16:00	3.5	3.2	8.2	15.1	39.6	40.2	5.9	5.8	0.005029
17:00	4.3	4.0	8.5	15.3	44.7	43.9	6.3	6.2	0.00535
18:00	5.7	5.1	8.7	15.4	56.9	50.6	7.0	6.6	0.005883
19:00	6.6	6.0	8.0	15.5	75.8	64.8	7.4	7.1	0.006199
20:00	6.3	6.5	7.2	15.4	82.8	74.1	7.3	7.4	0.00606
21:00	6.1	6.4	6.9	15.3	85.8	79.1	7.2	7.4	0.005977
22:00	6.1	6.3	6.7	15.1	88.2	82.3	7.3	7.4	0.005977
23:00	5.9	6.6	6.5	14.9	89.6	85.1	7.2	7.5	0.005923
Avg	3.9	4.3	5.7	14.3	74.0	70.8	6.3	6.4	0.005176
Max	6.6	6.6	8.7	15.5	93.7	93.2	7.4	7.5	0.006199
Hr. of Max	19	23	18	19	07	07	19	23	19
Min	1.4	3.2	1.7	12.9	39.6	40.2	5.3	5.8	0.004268
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)

10/23/2014

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	0.005198	7.8	8.2	.00	29.29	992.0	-2.1	.00	37.7
01:00	0.005119	7.6	8.1	.00	29.29	991.8	-2.2	.00	17.5
02:00	0.005093	7.4	8.1	.00	29.28	991.5	-2.4	.00	61.2
03:00	0.005058	7.2	8.0	.00	29.27	991.3	-2.4	.00	60.9
04:00	0.005081	7.1	8.0	.00	29.27	991.2	-2.3	.00	68.2
05:00	0.005049	7.0	8.0	.00	29.28	991.5	-2.2	.00	226.4
06:00	0.005073	6.9	8.0	.00	29.28	991.7	-2.5	.00	223.7
07:00	0.004981	6.8	7.9	.00	29.29	991.9	-.8	.00	197.3
08:00	0.00504	7.4	8.0	.00	29.30	992.1	109.5	.16	213.1
09:00	0.005143	8.8	8.1	.00	29.29	992.0	310.4	.44	89.3
10:00	0.005029	8.2	8.0	.00	29.29	991.8	493.9	.71	60.5
11:00	0.005008	8.2	7.9	.00	29.28	991.7	634.8	.91	71.6
12:00	0.005013	8.2	7.9	.00	29.27	991.1	714.5	1.02	64.6
13:00	0.005078	8.2	8.0	.00	29.24	990.2	739.0	1.06	54.9
14:00	0.005136	8.3	8.1	.00	29.21	989.1	703.5	1.01	80.4
15:00	0.00505	8.1	8.0	.00	29.19	988.4	606.3	.87	76.9
16:00	0.004935	7.9	7.8	.00	29.18	988.2	382.4	.55	66.0
17:00	0.005225	8.4	8.2	.00	29.17	987.9	182.0	.26	67.2
18:00	0.005619	9.3	8.8	.00	29.18	988.1	46.3	.07	11.9
19:00	0.005976	9.8	9.4	.00	29.19	988.6	-1.9	.00	331.2
20:00	0.006184	9.5	9.7	.00	29.19	988.7	-2.0	.00	48.5
21:00	0.006142	9.4	9.7	.00	29.19	988.6	-2.4	.00	60.9
22:00	0.006096	9.4	9.6	.00	29.20	988.9	-2.1	.00	312.1
23:00	0.006195	9.3	9.7	.00	29.19	988.5	-2.5	.00	58.9
Avg	0.005313	8.2	8.4	.00	29.24	990.3	204.0	.29	57.0
Max	0.006195	9.8	9.7	.00	29.30	992.1	739.0	1.06	331.2
Hr. of Max	23	19	23	23	08	08	13	13	19
Min	0.004935	6.8	7.8	.00	29.17	987.9	-2.5	.00	11.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/23/2014

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	64.0	67.3	34.1	62.7	13.6	8.5	5.5	1.2	2.5
01:00	53.2	56.6	12.6	52.2	33.7	6.5	4.5	1.1	2.7
02:00	51.1	62.1	57.8	57.5	44.5	6.0	3.6	1.0	3.0
03:00	61.9	49.7	54.7	44.8	26.4	7.7	8.9	1.4	5.0
04:00	58.7	42.7	69.6	37.3	52.3	10.4	6.5	1.2	4.6
05:00	65.3	35.0	227.6	29.6	43.2	47.8	10.7	.6	2.0
06:00	129.9	25.8	238.8	19.9	57.2	40.3	11.8	.2	.4
07:00	119.9	45.0	228.2	40.2	50.5	32.0	9.2	.0	.4
08:00	123.8	41.6	223.6	36.8	27.2	66.8	12.8	.2	.1
09:00	62.6	53.2	86.6	49.1	30.3	22.2	13.4	3.1	5.7
10:00	58.5	57.5	55.5	53.1	31.0	19.3	14.0	5.1	8.8
11:00	62.8	59.0	64.6	55.7	33.1	29.5	25.4	5.2	6.2
12:00	61.3	59.8	66.7	56.0	37.8	27.9	23.2	4.7	5.9
13:00	50.6	48.9	54.6	44.6	36.6	27.5	23.8	4.1	5.8
14:00	72.2	65.6	81.1	61.4	31.5	29.1	25.8	5.5	6.2
15:00	73.1	70.8	78.9	66.6	25.6	21.8	15.5	6.1	7.2
16:00	62.2	59.8	70.2	55.9	31.2	24.8	20.5	3.6	5.2
17:00	74.0	72.9	71.6	68.4	35.0	23.8	16.7	2.4	4.3
18:00	48.0	64.0	10.8	59.9	25.5	16.9	13.2	1.7	3.3
19:00	44.1	66.1	334.3	62.6	31.3	35.3	7.0	.5	1.1
20:00	67.0	54.8	52.2	50.4	24.9	14.5	9.8	1.1	2.6
21:00	65.8	53.4	67.4	48.8	46.7	13.3	6.9	1.0	3.1
22:00	73.5	59.7	286.5	55.4	58.5	18.7	6.4	.1	1.1
23:00	73.3	64.8	65.7	60.2	48.3	19.2	5.9	.6	2.7
Avg	69.0	55.0	54.0	51.0	36.5	23.7	12.5	.0	.0
Max	129.9	72.9	334.3	68.4	58.5	66.8	25.8	6.1	8.8
Hr. of Max	06	17	19	17	22	08	14	15	10
Min	44.1	25.8	10.8	19.9	13.6	6.0	3.6	.0	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/23/2014

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	4.8	1.3	2.5	4.8	1.7	5.3	.5	-2.5	-.01
01:00	4.6	1.3	2.8	4.6	1.6	5.0	2.1	-.7	.04
02:00	5.8	1.0	3.0	5.8	1.4	6.3	1.9	-2.2	.02
03:00	7.4	1.6	5.1	7.5	2.0	8.0	1.2	-.5	.02
04:00	6.7	1.2	4.7	6.8	1.6	7.2	2.5	.5	.03
05:00	5.1	.8	2.2	5.2	1.4	5.7	2.0	2.1	.04
06:00	4.2	.2	.5	4.3	.7	4.7	2.6	3.2	.04
07:00	4.1	.0	.5	4.2	.4	4.7	1.7	1.8	.02
08:00	3.0	.3	.2	3.1	.9	3.5	2.6	1.1	.04
09:00	8.5	3.4	6.0	8.8	4.1	9.3	.7	1.6	-.11
10:00	11.0	5.7	9.3	11.2	6.4	11.9	1.1	-.7	-.16
11:00	7.3	5.9	6.8	7.9	6.5	8.7	1.1	4.9	.06
12:00	7.1	5.5	6.6	7.6	6.1	8.4	2.9	5.5	.03
13:00	6.7	5.0	6.6	7.4	5.8	8.1	-2.2	-.5	-.32
14:00	7.3	6.0	6.9	7.9	6.9	8.7	1.9	6.1	.12
15:00	9.1	6.5	7.6	9.4	7.5	10.0	-.3	2.1	-.16
16:00	6.6	4.1	5.6	7.0	4.9	7.7	2.0	5.6	.03
17:00	5.9	2.8	4.7	6.2	3.6	6.9	4.4	6.8	.17
18:00	4.6	2.1	3.5	4.7	2.5	5.2	-2.1	1.3	-.23
19:00	1.7	.7	1.2	1.8	1.0	2.2	.6	1.0	.00
20:00	3.5	1.3	2.7	3.6	1.7	4.0	2.2	1.2	.04
21:00	4.8	1.1	3.2	4.8	1.5	5.3	2.5	.1	.03
22:00	3.3	.4	1.3	3.4	.9	3.8	2.1	.4	.03
23:00	5.5	.9	2.8	5.5	1.4	6.0	1.7	-1.0	.03
Avg	.0	2.5	4.0	6.0	3.0	6.5	1.5	1.6	-.01
Max	11.0	6.5	9.3	11.2	7.5	11.9	4.4	6.8	.17
Hr. of Max	10	15	10	10	15	10	17	17	17
Min	1.7	.0	.2	1.8	.4	2.2	-2.2	-2.5	-.32
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/23/2014

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	-.25	3.2	4.4	6.9	3.9	7.2	8.4	3.7
01:00	-.08	4.4	6.6	10.5	3.5	6.9	7.4	2.6
02:00	-.24	5.7	9.2	12.6	3.4	8.3	8.1	2.6
03:00	-.08	7.3	11.2	14.9	9.9	16.9	12.4	5.2
04:00	.02	4.8	14.0	15.6	5.7	13.1	11.7	5.1
05:00	.17	3.2	8.9	11.7	3.9	11.9	10.9	7.8
06:00	.22	1.8	3.0	9.6	1.9	10.1	11.8	8.1
07:00	.14	.9	2.3	8.2	1.5	9.4	9.1	5.8
08:00	.06	1.8	1.6	8.7	2.4	7.0	9.2	5.6
09:00	.07	15.6	19.0	21.5	19.0	23.8	18.9	10.8
10:00	-.33	15.8	31.4	30.0	18.1	21.8	21.7	12.1
11:00	.44	17.9	18.1	15.6	20.0	16.9	19.7	18.5
12:00	.53	18.5	20.8	28.9	15.1	19.9	21.8	20.4
13:00	-.26	13.1	21.5	21.5	14.7	17.0	20.9	18.6
14:00	.66	15.1	21.8	24.7	16.8	18.3	18.0	17.7
15:00	.14	14.2	16.3	16.9	15.9	18.8	16.0	14.0
16:00	.49	11.0	12.6	15.6	13.4	16.6	22.2	15.8
17:00	.64	10.1	13.5	17.9	10.3	15.2	22.5	13.8
18:00	.09	7.1	9.2	12.4	7.8	11.0	16.3	9.4
19:00	.04	1.8	4.6	3.9	2.3	3.8	7.6	4.4
20:00	.08	3.4	5.3	6.6	4.0	6.3	9.0	3.4
21:00	.00	3.4	6.6	9.8	4.3	8.7	13.2	3.5
22:00	.03	1.8	4.1	5.3	2.5	5.2	7.4	2.6
23:00	-.13	3.4	5.7	8.2	3.7	9.1	13.0	3.5
Avg	.10	7.7	11.3	14.1	8.5	12.6	14.1	9.0
Max	.66	18.5	31.4	30.0	20.0	23.8	22.5	20.4
Hr. of Max	14	12	10	10	11	09	17	12
Min	-.33	.9	1.6	3.9	1.5	3.8	7.4	2.6
Count	24	24	24	24	24	24	24	24
Total								