Date Printed: 10/27/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/26/2014

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	10.6	12.2	13.4	14.8	1.64	2.80	4.19	1.16	2.56
01:00	10.0	12.0	13.0	14.5	1.99	2.97	4.42	.98	2.43
02:00	9.5	11.2	12.6	14.0	1.76	3.10	4.49	1.34	2.73
03:00	9.1	11.3	12.6	14.2	2.22	3.51	5.07	1.28	2.85
04:00	8.8	11.5	12.8	14.0	2.74	4.04	5.25	1.29	2.50
05:00	8.5	11.7	11.8	13.4	3.16	3.31	4.85	.16	1.69
06:00	8.0	10.8	11.7	12.7	2.83	3.65	4.68	.82	1.85
07:00	8.1	10.0	11.0	11.9	1.89	2.91	3.77	1.02	1.88
08:00	8.6	10.1	10.8	11.8	1.51	2.19	3.21	.68	1.70
09:00	12.1	12.1	12.8	13.7	.05	.70	1.63	.65	1.58
10:00	16.3	15.8	15.5	15.6	-.48	-.71	-.70	-.22	-.22
11:00	19.2	18.5	18.2	18.1	-.75	-1.04	-1.13	-.29	-.38
12:00	21.6	20.7	20.4	20.3	-.94	-1.26	-1.38	-.32	-.44
13:00	23.3	22.2	21.9	21.9	-1.09	-1.39	-1.46	-.30	-.37
14:00	24.8	23.8	23.5	23.4	-1.00	-1.30	-1.40	-.30	-.40
15:00	26.0	25.1	24.8	24.7	-.87	-1.20	-1.31	-.33	-.45
16:00	26.2	25.5	25.2	25.1	-.68	-.98	-1.09	-.30	-.40
17:00	25.0	25.2	25.0	25.0	.22	.04	.00	-.18	-.22
18:00	19.6	22.8	23.4	23.7	3.18	3.75	4.09	.57	.91
19:00	16.7	19.5	20.3	21.4	2.79	3.63	4.75	.84	1.96
20:00	14.8	17.3	17.9	19.4	2.45	3.04	4.57	.59	2.12
21:00	13.7	15.7	16.3	18.0	2.03	2.64	4.38	.61	2.35
22:00	12.7	14.5	15.1	16.6	1.81	2.44	3.94	.63	2.13
23:00	11.7	13.5	14.1	15.7	1.81	2.42	3.99	.60	2.17
Avg	15.2	16.4	16.8	17.7	1.18	1.64	2.45	.46	1.27
Max	26.2	25.5	25.2	25.1	3.18	4.04	5.25	1.34	2.85
Hr. of Max	16	16	16	16	18	04	04	02	03
Min	8.0	10.0	10.8	11.8	-1.09	-1.39	-1.46	-.33	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 10/27/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/26/2014

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	9.2	11.0	9.6	16.0	92.0	93.7	8.9	10.0	0.007421
01:00	8.8	10.9	9.2	15.8	93.0	93.9	8.7	9.9	0.007232
02:00	8.3	10.3	8.7	15.7	93.2	95.3	8.4	9.6	0.00698
03:00	8.0	10.5	8.4	15.5	93.8	95.5	8.3	9.7	0.00686
04:00	7.7	10.7	8.1	15.4	94.0	95.8	8.1	9.8	0.006721
05:00	7.6	10.7	7.9	15.2	94.6	94.9	8.0	9.8	0.006648
06:00	7.0	9.9	7.3	15.0	94.4	95.0	7.7	9.3	0.006402
07:00	7.1	9.2	7.5	14.9	94.5	95.8	7.8	8.9	0.006454
08:00	7.5	9.1	7.9	14.7	93.9	94.2	8.0	8.8	0.006641
09:00	10.0	10.0	10.7	14.6	88.6	88.3	9.4	9.4	0.007878
10:00	12.5	12.1	13.7	14.6	79.7	80.1	10.9	10.6	0.009304
11:00	12.5	12.0	14.7	14.8	66.4	67.1	10.8	10.5	0.009329
12:00	9.9	9.2	13.8	15.1	48.1	48.7	9.0	8.7	0.007849
13:00	11.1	10.8	15.2	15.4	47.2	49.2	9.8	9.6	0.008556
14:00	10.7	10.6	15.4	16.0	42.0	44.3	9.5	9.4	0.008324
15:00	8.7	8.6	14.5	16.7	34.5	35.9	8.3	8.3	0.007347
16:00	6.4	6.1	13.0	17.1	29.0	29.6	7.1	7.0	0.006258
17:00	7.3	6.5	13.2	17.4	33.6	31.0	7.6	7.1	0.006674
18:00	10.7	9.2	13.7	17.6	57.6	43.1	9.6	8.6	0.008313
19:00	11.3	11.1	13.1	17.7	71.9	59.5	10.1	9.8	0.008633
20:00	11.2	11.5	12.4	17.7	80.0	70.1	10.0	10.2	0.008528
21:00	10.9	11.5	11.8	17.5	84.5	77.4	9.9	10.2	0.008348
22:00	10.5	11.5	11.2	17.4	87.8	83.2	9.7	10.2	0.00815
23:00	10.0	11.4	10.6	17.2	90.3	88.4	9.4	10.2	0.007859
Avg	9.4	10.2	11.3	16.0	74.4	72.9	9.0	9.4	0.007613
Max	12.5	12.1	15.4	17.7	94.6	95.8	10.9	10.6	0.009329
Hr. of Max	11	10	14	20	05	07	10	10	11
Min	6.4	6.1	7.3	14.6	29.0	29.6	7.1	7.0	0.006258
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 10/27/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/26/2014

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	0.008424	11.6	13.2	.00	29.11	985.9	-2.4	.00	235.9
01:00	0.008345	11.3	13.0	.00	29.10	985.6	-2.4	.00	246.8
02:00	0.008036	10.9	12.6	.00	29.10	985.4	-2.1	.00	239.4
03:00	0.008106	10.7	12.7	.00	29.10	985.4	-2.1	.00	241.8
04:00	0.008234	10.5	12.9	.00	29.09	985.2	-2.0	.00	240.3
05:00	0.008242	10.4	12.9	.00	29.10	985.3	-2.1	.00	251.0
06:00	0.007809	10.0	12.2	.00	29.10	985.3	-2.6	.00	227.2
07:00	0.007434	10.1	11.6	.00	29.10	985.6	-.9	.00	96.8
08:00	0.007367	10.4	11.5	.00	29.12	986.0	63.6	.09	96.7
09:00	0.007867	12.3	12.3	.00	29.13	986.4	279.3	.40	105.7
10:00	0.00906	14.5	14.2	.00	29.13	986.4	457.0	.66	130.9
11:00	0.009003	14.6	14.1	.00	29.13	986.5	586.1	.84	108.7
12:00	0.007508	12.3	11.8	.00	29.13	986.3	673.4	.97	115.9
13:00	0.008345	13.4	13.0	.00	29.11	985.7	693.8	.99	202.4
14:00	0.008276	13.0	12.9	.00	29.08	984.8	663.8	.95	257.3
15:00	0.007261	11.5	11.4	.00	29.06	984.2	569.0	.82	273.3
16:00	0.006142	9.8	9.6	.00	29.06	984.1	407.9	.58	262.0
17:00	0.006282	10.4	9.8	.00	29.06	984.1	214.3	.31	268.6
18:00	0.007536	13.0	11.8	.00	29.06	984.2	29.5	.04	265.5
19:00	0.008518	13.5	13.3	.00	29.07	984.6	-2.1	.00	34.9
20:00	0.008725	13.3	13.6	.00	29.09	985.1	-3.5	-.01	26.6
21:00	0.008719	13.0	13.6	.00	29.09	985.3	-2.9	.00	51.6
22:00	0.008687	12.7	13.6	.00	29.11	985.7	-2.3	.00	37.2
23:00	0.00867	12.3	13.6	.00	29.11	985.7	-1.5	.00	5.4
Avg	0.008025	11.9	12.6	.00	29.10	985.4	192.0	.28	232.0
Max	0.00906	14.6	14.2	.00	29.13	986.5	693.8	.99	273.3
Hr. of Max	10	11	10	23	12	11	13	13	15
Min	0.006142	9.8	9.6	.00	29.06	984.1	-3.5	-.01	5.4
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 10/27/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/26/2014

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	241.1	234.4	236.1	235.8	20.5	43.3	18.5	1.0	.7
01:00	242.2	233.1	249.7	234.8	15.4	11.0	12.1	1.1	2.4
02:00	240.8	236.5	246.2	238.4	30.1	9.9	5.2	1.1	3.1
03:00	230.3	241.1	246.9	242.4	12.1	4.2	2.9	1.4	3.7
04:00	232.6	217.3	244.8	220.1	12.6	8.6	3.3	2.2	4.2
05:00	247.4	206.1	255.9	208.3	8.2	7.8	4.5	2.6	4.4
06:00	257.6	209.7	245.2	211.7	29.7	11.6	6.7	1.6	3.4
07:00	351.8	212.3	80.2	228.0	21.4	26.0	51.5	.2	.6
08:00	54.3	5.7	91.5	.1	11.9	6.6	31.6	.1	1.3
09:00	293.6	201.7	133.1	207.5	52.7	52.0	11.9	.2	.2
10:00	154.4	173.9	137.2	176.6	25.6	27.9	23.8	1.1	1.0
11:00	115.1	112.5	116.7	106.4	58.8	58.6	46.9	.8	.8
12:00	120.1	110.5	118.1	112.4	57.9	60.7	61.2	1.1	1.0
13:00	201.6	203.3	210.0	204.7	49.6	41.4	39.2	2.3	2.4
14:00	273.5	270.4	260.6	270.9	47.0	39.8	32.9	2.7	3.5
15:00	281.0	278.6	275.0	280.2	53.0	47.5	40.8	2.6	3.6
16:00	272.8	275.9	263.6	276.4	29.7	24.0	18.0	4.7	6.0
17:00	277.1	283.2	271.0	283.2	38.9	29.6	29.7	2.0	3.0
18:00	238.6	233.2	266.0	235.4	20.7	10.6	6.5	1.5	3.5
19:00	68.0	227.9	46.5	227.0	35.5	42.0	12.0	.2	.7
20:00	79.7	150.2	49.5	145.2	51.7	13.3	29.7	.0	.5
21:00	51.8	45.6	63.8	41.2	33.2	11.2	14.4	.4	1.0
22:00	64.3	65.1	43.9	63.9	43.2	14.5	9.3	.2	.8
23:00	69.9	63.7	358.3	60.7	40.5	13.6	17.9	.0	.3
Avg	245.0	218.0	234.0	223.0	33.3	25.7	22.1	.0	.0
Max	351.8	283.2	358.3	283.2	58.8	60.7	61.2	4.7	6.0
Hr. of Max	07	17	23	17	11	12	12	16	16
Min	51.8	5.7	43.9	.1	8.2	4.2	2.9	.0	.2
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 10/27/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/26/2014

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	2.1	1.0	.7	2.2	1.6	2.7	1.1	-.6	.02
01:00	3.4	1.2	2.4	3.4	1.7	3.9	.8	2.0	.01
02:00	4.6	1.1	3.1	4.7	1.7	5.2	.8	1.3	.01
03:00	4.4	1.4	3.7	4.4	2.0	4.8	.9	1.8	.01
04:00	6.2	2.3	4.3	6.2	2.8	6.7	.1	.6	-.04
05:00	6.4	2.6	4.5	6.5	3.1	6.9	-1.1	-.1	-.07
06:00	5.4	1.6	3.5	5.4	2.0	5.8	.9	-.6	.01
07:00	1.7	.2	1.5	1.9	.5	2.3	2.7	.4	.04
08:00	.3	.1	1.3	.5	.5	1.0	1.9	.8	.02
09:00	1.5	.6	1.2	2.0	1.1	2.4	1.9	-2.3	.04
10:00	1.1	1.2	1.2	1.3	2.0	1.8	1.5	-11.4	.08
11:00	.9	1.3	1.2	1.2	2.0	2.1	-12.0	-25.2	-.43
12:00	.8	1.8	1.7	1.7	2.6	2.5	1.8	-5.9	.19
13:00	2.8	3.6	3.7	3.8	4.2	4.6	-.3	1.3	-.09
14:00	4.7	4.0	4.6	5.6	4.7	6.3	2.8	1.8	-.01
15:00	4.4	3.6	4.5	5.2	4.1	5.8	5.8	6.7	.20
16:00	7.5	5.1	6.4	7.8	5.7	8.3	-.4	-.8	-.34
17:00	3.9	2.3	3.4	4.2	2.7	4.7	-1.4	2.3	-.20
18:00	4.9	1.7	3.5	5.0	2.1	5.5	-1.6	1.0	-.07
19:00	.7	.3	.9	.7	.5	1.1	2.7	.0	.03
20:00	.0	.0	.5	.1	.5	.6	3.0	-1.2	.03
21:00	.9	.5	1.0	.9	.8	1.4	1.9	-1.4	.02
22:00	.8	.3	.8	.8	.7	1.3	3.7	-1.3	.06
23:00	.5	.0	.3	.5	.4	1.0	2.0	-.1	.02
Avg	.0	1.6	2.5	3.2	2.1	3.7	.8	-1.3	-.02
Max	7.5	5.1	6.4	7.8	5.7	8.3	5.8	6.7	.20
Hr. of Max	16	16	16	16	16	16	15	15	15
Min	.0	.0	.3	.1	.4	.6	-12.0	-25.2	-.43
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 10/27/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/26/2014

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	-.01	2.5	5.0	7.3	3.5	5.1	5.2	7.4
01:00	.13	3.0	4.4	5.3	3.1	5.8	6.2	4.6
02:00	.12	3.2	7.3	10.1	3.7	6.5	7.2	2.2
03:00	.16	4.8	7.3	9.8	4.6	7.7	5.4	1.9
04:00	.05	4.8	8.2	10.5	5.3	8.9	4.8	1.8
05:00	-.02	6.6	10.1	14.4	5.2	9.1	5.7	2.9
06:00	-.07	4.6	6.6	8.7	4.7	8.9	8.6	3.3
07:00	.02	1.1	3.2	8.2	1.8	5.4	8.2	9.5
08:00	.01	1.1	5.0	1.6	1.6	1.9	7.1	9.7
09:00	-.09	3.0	3.4	4.4	3.3	4.9	18.1	7.9
10:00	-.32	3.4	3.2	6.0	4.5	4.1	27.3	22.3
11:00	-1.18	6.0	5.3	4.1	6.5	5.3	33.5	33.5
12:00	-.35	6.9	7.6	7.3	8.1	9.6	30.2	40.1
13:00	.20	8.7	10.3	9.4	10.5	10.7	21.7	27.5
14:00	-.08	14.7	13.1	13.5	14.5	15.4	22.4	22.5
15:00	.19	13.1	12.6	13.7	15.1	14.8	25.7	24.8
16:00	-.47	12.8	16.7	16.0	13.8	16.3	20.2	15.2
17:00	-.09	9.2	17.2	18.1	10.1	11.7	21.6	19.0
18:00	.09	3.2	6.0	7.8	3.7	8.4	6.0	3.8
19:00	.01	1.4	2.5	5.3	1.8	3.6	7.7	6.1
20:00	-.02	.9	1.4	.9	1.3	1.3	7.6	8.1
21:00	-.03	1.8	2.1	2.1	2.1	2.5	7.6	4.8
22:00	-.04	1.8	1.8	1.8	1.9	2.2	9.0	6.0
23:00	.00	.9	1.8	2.3	1.2	2.2	6.5	7.9
Avg	-.07	5.0	6.8	7.9	5.5	7.2	13.5	12.2
Max	.20	14.7	17.2	18.1	15.1	16.3	33.5	40.1
Hr. of Max	13	14	17	17	15	16	11	12
Min	-1.18	.9	1.4	.9	1.2	1.3	4.8	1.8
Count	24	24	24	24	24	24	24	24
Total								