Date Printed: 08/21/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/20/2014

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	20.4	21.3	21.5	22.2	.86	1.09	1.78	.23	.92
01:00	20.5	21.1	21.4	21.9	.60	.91	1.41	.31	.81
02:00	20.3	21.0	21.3	21.7	.73	.99	1.46	.26	.74
03:00	19.9	20.8	21.1	21.5	.90	1.18	1.60	.28	.70
04:00	19.8	20.6	20.9	21.5	.83	1.09	1.67	.26	.84
05:00	19.9	20.5	20.7	21.0	.62	.79	1.13	.16	.50
06:00	20.6	20.7	20.9	21.2	.17	.32	.65	.15	.47
07:00	20.7	20.8	21.0	21.3	.11	.31	.58	.20	.47
08:00	22.0	21.7	21.6	21.7	-.33	-.41	-.29	-.08	.04
09:00	23.9	23.4	23.2	23.1	-.46	-.67	-.75	-.21	-.29
10:00	26.3	25.8	25.5	25.4	-.54	-.83	-.94	-.29	-.40
11:00	28.2	27.5	27.2	27.1	-.63	-.92	-1.04	-.30	-.41
12:00	29.0	28.3	28.1	28.0	-.65	-.89	-.96	-.24	-.31
13:00	29.1	28.7	28.5	28.6	-.42	-.60	-.57	-.18	-.15
14:00	25.4	25.5	25.6	25.9	.09	.23	.54	.15	.45
15:00	24.1	24.2	24.2	24.4	.04	.09	.32	.05	.28
16:00	23.0	23.0	23.1	23.4	.07	.15	.47	.08	.40
17:00	22.4	22.4	22.4	22.5	-.02	.02	.12	.04	.14
18:00	22.1	22.0	22.0	22.1	-.09	-.13	-.02	-.04	.07
19:00	21.8	21.8	21.9	22.0	.07	.10	.28	.03	.21
20:00	21.0	21.1	21.1	21.2	.10	.11	.21	.01	.11
21:00	20.2	20.4	20.4	20.5	.16	.17	.28	.01	.12
22:00	19.9	20.0	20.0	20.3	.06	.13	.34	.06	.28
23:00	19.8	19.8	19.8	19.8	.05	-.01	.07	-.06	.01
Avg	22.5	22.6	22.6	22.8	.10	.13	.35	.04	.25
Max	29.1	28.7	28.5	28.6	.90	1.18	1.78	.31	.92
Hr. of Max	13	13	13	13	03	03	00	01	00
Min	19.8	19.8	19.8	19.8	-.65	-.92	-1.04	-.30	-.41
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/21/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/20/2014

Interval: 001h

	14_DewPtC_002m	15_DewPtC_015m	18_SoilTempC	19_RH_002m	20_RH_015m	21_AbsHum_002m	22_AbsHum_015m	23_Mix Ratio_002m	24_Mix Ratio_015m
Hour	DEGC	DEGC	DEGC	PERCENT	PERCENT	G/M3	STAB	COUNT	COUNT
00:00	19.1	20.1	25.6	94.5	95.1	16.4	18.3	0.014385	0.015276
01:00	19.2	20.0	25.4	94.4	95.7	16.5	18.2	0.014426	0.015163
02:00	19.1	20.0	25.2	95.0	96.2	16.3	18.2	0.014316	0.015171
03:00	18.7	19.9	25.0	95.2	96.9	16.0	18.1	0.014013	0.015073
04:00	18.7	19.7	24.8	95.4	97.0	16.0	18.0	0.01397	0.014944
05:00	18.8	19.6	24.6	95.3	96.8	16.1	17.9	0.014059	0.014836
06:00	19.4	19.9	24.5	95.6	97.0	16.7	18.1	0.01466	0.015038
07:00	19.7	20.0	24.4	96.4	97.3	17.0	18.3	0.014933	0.015177
08:00	20.6	20.5	24.3	94.1	95.7	17.8	18.8	0.015728	0.015686
09:00	21.2	20.8	24.2	87.3	87.5	18.4	19.0	0.016379	0.015955
10:00	21.9	21.4	24.3	78.9	79.0	19.0	19.5	0.017067	0.016551
11:00	22.2	21.7	24.6	72.4	72.8	19.4	19.9	0.017476	0.016951
12:00	22.4	22.0	25.1	69.7	70.5	19.5	20.1	0.017656	0.017196
13:00	22.6	22.1	25.5	70.4	69.8	19.8	20.2	0.017893	0.017358
14:00	22.1	21.6	26.0	84.7	81.7	19.5	19.9	0.017443	0.016912
15:00	20.1	19.6	26.1	80.5	77.6	17.2	17.7	0.015292	0.014797
16:00	20.2	20.0	25.2	86.6	85.1	17.4	18.1	0.015349	0.01514
17:00	20.4	20.1	25.0	90.5	88.8	17.6	18.3	0.015527	0.015224
18:00	20.5	20.2	25.1	92.8	92.1	17.7	18.5	0.015605	0.015396
19:00	20.4	20.3	25.2	94.4	93.3	17.7	18.5	0.015524	0.015403
20:00	19.1	19.1	24.8	91.3	90.7	16.4	17.4	0.01429	0.014281
21:00	19.0	19.0	24.3	94.9	94.0	16.3	17.3	0.014192	0.014181
22:00	18.8	18.8	24.4	95.7	95.2	16.1	17.1	0.014019	0.014005
23:00	18.7	18.8	24.3	95.7	96.2	16.0	17.1	0.013894	0.014004
Avg	20.1	20.2	24.9	89.2	89.3	17.4	18.4	0.015337	0.015405
Max	22.6	22.1	26.1	96.4	97.3	19.8	20.2	0.017893	0.017358
Hr. of Max	13	13	15	07	07	13	13	13	13
Min	18.7	18.8	24.2	69.7	69.8	16.0	17.1	0.013894	0.014004
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/21/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/20/2014

Interval: 001h

	27_VaporPr_002m	28_VaporPr_015m	34_Precip_In	36_BarPres_In	37_BarPres_Mb	38_SolarRad_Wm2	39_SolarRad_Lang	40_WDir_015m	41_WDir_035m
Hour	KPa	KPa	INCHES	INHG	KPa	W/M2	Langleys	DEG	DEG
00:00	22.2	23.6	.00	29.03	983.0	-2.8	.00	1.4	59.6
01:00	22.3	23.4	.00	29.05	983.8	-3.1	.00	277.9	123.1
02:00	22.1	23.4	.00	29.03	983.2	-2.6	.00	325.7	41.8
03:00	21.7	23.3	.00	29.02	982.9	-1.7	.00	298.7	29.5
04:00	21.6	23.1	.00	29.03	983.1	-1.0	.00	36.3	54.4
05:00	21.7	22.9	.00	29.04	983.5	-1.5	.00	122.2	123.9
06:00	22.7	23.2	.00	29.06	984.0	-2.9	.00	251.8	243.5
07:00	23.1	23.5	.00	29.08	984.7	35.8	.05	258.2	188.4
08:00	24.3	24.2	.00	29.09	985.2	187.9	.27	228.3	223.3
09:00	25.3	24.7	.00	29.11	985.7	345.8	.50	227.7	217.6
10:00	26.3	25.6	.00	29.11	985.8	606.3	.87	222.9	212.5
11:00	26.9	26.2	.00	29.12	986.0	592.0	.85	233.7	226.5
12:00	27.2	26.5	.00	29.12	986.1	580.7	.83	249.6	234.4
13:00	27.6	26.8	.00	29.12	986.0	356.8	.51	243.5	224.5
14:00	26.9	26.1	.02	29.11	985.7	102.8	.15	247.7	238.1
15:00	23.7	22.9	.00	29.11	985.7	181.1	.26	71.2	44.7
16:00	23.7	23.4	.46	29.10	985.6	188.6	.27	198.0	194.5
17:00	24.0	23.5	.08	29.11	985.7	135.9	.19	266.5	221.4
18:00	24.1	23.8	.00	29.12	986.1	54.9	.08	261.1	242.5
19:00	24.1	23.9	.00	29.17	988.0	24.3	.03	17.2	24.0
20:00	22.2	22.2	.14	29.23	990.0	-2.0	.00	68.4	53.4
21:00	22.1	22.1	.00	29.22	989.6	-2.5	.00	49.8	62.6
22:00	21.8	21.8	.00	29.22	989.7	-2.0	.00	287.2	289.5
23:00	21.6	21.8	.00	29.23	989.8	-1.4	.00	248.6	281.0
Avg	23.7	23.8	.03	29.11	985.8	140.4	.20	266.0	213.0
Max	27.6	26.8	.46	29.23	990.0	606.3	.87	325.7	289.5
Hr. of Max	13	13	16	23	20	10	10	02	22
Min	21.6	21.8	.00	29.02	982.9	-3.1	.00	1.4	24.0
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/21/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/20/2014

Interval: 001h

	42_WDir_060m	46_SWDir_015m	47_SWDir_060m	50_Sigma_015m	51_Sigma_035m	52_Sigma_060m	55_RWSpd_015m	56_RWSpd_035m	57_RWSpd_060m
Hour	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH	MPH
00:00	45.5	353.9	43.8	24.3	18.6	29.3	.4	1.0	.3
01:00	232.2	257.5	231.5	38.3	46.2	28.5	.4	.1	.8
02:00	151.2	315.1	171.1	51.4	42.5	55.8	.5	.5	.6
03:00	291.3	278.9	290.4	58.7	25.2	54.1	.3	.2	.6
04:00	270.6	315.8	264.8	63.0	71.7	51.7	.2	.4	.5
05:00	173.6	257.0	179.5	45.3	33.1	39.1	.2	.2	.5
06:00	230.1	251.5	231.1	27.6	33.2	15.7	1.2	1.6	2.6
07:00	245.4	263.8	248.6	45.8	36.0	20.4	.3	.2	1.1
08:00	236.8	229.6	237.9	28.0	15.7	10.9	2.0	3.0	3.7
09:00	233.3	227.5	235.0	34.7	27.9	20.3	2.4	3.3	4.2
10:00	222.6	223.7	223.7	26.1	21.0	17.5	4.1	5.3	6.0
11:00	235.5	233.5	235.3	36.9	31.3	26.8	3.2	4.0	4.7
12:00	240.7	251.7	241.6	21.9	17.6	13.0	3.6	5.0	6.0
13:00	230.6	242.7	232.4	31.3	21.9	13.9	3.6	5.3	6.7
14:00	244.6	246.4	245.6	47.4	33.5	21.4	3.7	6.4	8.4
15:00	49.8	65.5	44.5	47.5	38.1	33.4	2.6	4.5	5.7
16:00	198.8	204.6	209.7	56.6	54.3	53.7	1.8	1.8	1.9
17:00	199.6	264.1	202.2	55.8	51.5	47.3	.5	1.1	2.5
18:00	242.3	269.5	243.1	48.0	42.2	46.0	1.4	2.9	4.4
19:00	39.4	10.9	34.3	53.1	44.6	27.0	1.5	2.9	4.0
20:00	62.7	67.0	56.8	35.5	21.5	16.0	4.3	8.6	11.0
21:00	77.9	43.8	72.6	49.4	30.2	18.0	1.7	3.4	4.7
22:00	280.3	280.4	279.7	55.6	39.3	30.4	1.4	1.6	2.1
23:00	306.5	249.3	302.7	68.7	57.0	29.5	1.1	1.8	3.5
Avg	236.0	266.0	240.0	43.8	35.6	30.0	.0	.0	.0
Max	306.5	353.9	302.7	68.7	71.7	55.8	4.3	8.6	11.0
Hr. of Max	23	00	23	23	04	02	20	20	20
Min	39.4	10.9	34.3	21.9	15.7	10.9	.2	.1	.3
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/21/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/20/2014

Interval: 001h

	58_WSpd_015m	59_WSpd_035m	60_WSpd_060m	66_HSSpd_015m	67_HSSpd_060m	70_WElev_015m	71_WElev_060m	72_VSSpd_015m	73_VSSpd_060m
Hour	MPH	MPH	MPH	MPH	MPH	DEG	DEG	MPH	MPH
00:00	.4	1.0	.5	.7	.9	.6	-1.4	.00	-.02
01:00	.5	.2	1.1	.7	1.3	1.1	.2	.01	.01
02:00	.6	.6	.6	.9	.9	1.9	-1.0	.02	-.01
03:00	.4	.4	.9	.6	1.1	1.8	-.8	.02	-.01
04:00	.8	.7	.7	1.0	1.0	1.6	-.6	.03	.00
05:00	.3	.4	.8	.7	1.0	3.1	-1.3	.04	-.02
06:00	1.2	1.9	2.9	1.6	3.1	-.1	.0	-.02	.00
07:00	.5	.4	1.1	.9	1.4	-.2	-1.3	-.01	-.03
08:00	2.2	3.1	3.8	2.5	4.1	-1.6	-2.4	-.11	-.17
09:00	2.7	3.6	4.4	3.2	4.8	4.2	-1.1	.06	-.25
10:00	4.5	5.6	6.3	5.1	6.8	-1.6	-1.9	-.25	-.30
11:00	4.0	4.7	5.3	4.5	5.8	-.7	2.6	-.17	.12
12:00	4.2	5.5	6.4	4.6	6.8	-3.2	-4.2	-.40	-.52
13:00	4.0	5.6	6.9	4.4	7.4	2.7	-1.3	-.05	-.26
14:00	4.5	6.9	8.9	4.9	9.4	.3	1.3	-.18	.14
15:00	3.9	6.4	8.4	4.5	8.8	.9	3.8	-.11	.31
16:00	6.1	8.9	10.2	6.7	10.6	-1.2	2.1	-.22	.20
17:00	3.7	5.4	6.1	4.4	6.6	-.7	.7	-.17	-.03
18:00	2.5	4.0	5.1	2.9	5.4	-.8	1.6	-.10	.13
19:00	2.3	3.8	4.7	2.6	5.0	-.7	-1.6	-.13	-.14
20:00	5.3	9.7	12.0	5.9	12.5	1.0	.1	-.12	-.15
21:00	2.2	3.8	5.0	2.5	5.4	-.4	1.9	-.08	.07
22:00	1.7	2.5	3.2	2.0	3.3	-1.4	.8	-.07	.06
23:00	1.5	2.0	3.7	2.0	3.8	1.2	2.7	-.02	.00
Avg	2.5	3.6	4.5	2.9	4.9	.3	.0	-.08	-.04
Max	6.1	9.7	12.0	6.7	12.5	4.2	3.8	.06	.31
Hr. of Max	16	20	20	16	20	09	15	09	15
Min	.3	.2	.5	.6	.9	-3.2	-4.2	-.40	-.52
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/21/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/20/2014

Interval: 001h

	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	82_SPkWsH_015m	83_SPkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	88_WBulbC
Hour	MPH	MPH	MPH	MPH	MPH	DEG	DEG	DEGC
00:00	1.4	2.3	2.5	1.8	2.7	8.1	8.4	19.6
01:00	1.6	1.1	3.0	2.0	3.2	7.1	7.8	19.6
02:00	3.7	3.0	3.0	3.4	2.3	8.3	9.6	19.5
03:00	1.6	1.8	3.0	2.0	3.4	6.8	11.2	19.1
04:00	2.3	1.8	3.0	2.6	2.3	7.6	8.0	19.1
05:00	1.8	1.6	2.7	1.9	2.9	6.6	6.8	19.2
06:00	3.0	3.9	5.7	3.1	6.4	7.6	4.2	19.8
07:00	2.5	3.2	3.4	2.6	3.7	8.9	10.8	20.1
08:00	4.6	6.4	6.6	6.4	7.3	16.4	7.6	21.0
09:00	8.9	10.5	10.8	11.2	11.8	21.5	15.5	22.1
10:00	10.5	11.0	15.8	11.0	13.2	17.4	13.4	23.3
11:00	14.7	13.5	14.0	10.2	12.1	18.8	19.6	24.2
12:00	10.1	11.0	12.6	11.2	12.8	17.2	10.2	24.6
13:00	12.4	18.5	18.3	13.0	12.6	18.8	9.6	24.8
14:00	16.7	22.2	24.5	17.5	27.6	15.7	8.1	23.2
15:00	13.3	20.4	22.7	14.2	25.0	20.3	13.5	21.4
16:00	19.9	19.2	23.6	18.3	25.0	15.6	9.8	21.1
17:00	13.5	30.0	33.9	13.8	18.0	16.5	13.3	21.1
18:00	9.2	13.3	15.8	10.8	16.6	15.3	12.3	21.0
19:00	7.6	8.9	8.7	7.1	9.1	17.8	7.0	20.9
20:00	20.2	25.4	29.1	18.6	30.6	20.2	8.7	19.7
21:00	7.3	11.9	15.1	8.0	14.1	19.2	12.4	19.4
22:00	5.0	6.9	8.9	6.6	6.9	13.3	9.5	19.2
23:00	6.4	8.5	11.0	7.4	12.4	19.1	17.1	19.1
Avg	8.3	10.7	12.4	8.5	11.8	14.3	10.6	20.9
Max	20.2	30.0	33.9	18.6	30.6	21.5	19.6	24.8
Hr. of Max	20	17	17	20	20	09	11	13
Min	1.4	1.1	2.5	1.8	2.3	6.6	4.2	19.1
Count	24	24	24	24	24	24	24	24
Total								