Date Printed: 01/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/3/2015

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	5.9	5.8	5.6	5.6	-.04	-.23	-.31	-.19	-.27
01:00	5.8	5.8	5.6	5.5	-.05	-.24	-.32	-.19	-.27
02:00	6.0	5.9	5.7	5.7	-.05	-.22	-.25	-.17	-.20
03:00	6.0	5.9	5.8	5.8	-.04	-.18	-.21	-.14	-.16
04:00	6.1	6.1	5.9	5.9	-.05	-.21	-.25	-.16	-.20
05:00	6.2	6.1	6.0	5.9	-.05	-.23	-.28	-.18	-.23
06:00	6.4	6.3	6.1	6.1	-.05	-.21	-.26	-.16	-.21
07:00	6.5	6.5	6.3	6.3	.03	-.12	-.15	-.15	-.18
08:00	6.8	6.7	6.5	6.5	-.06	-.24	-.29	-.18	-.23
09:00	7.7	7.5	7.3	7.2	-.17	-.40	-.52	-.23	-.34
10:00	8.5	8.2	8.0	7.9	-.24	-.48	-.57	-.24	-.32
11:00	9.9	9.7	9.5	9.4	-.20	-.39	-.47	-.19	-.27
12:00	9.9	9.7	9.5	9.4	-.14	-.34	-.43	-.20	-.30
13:00	10.3	10.1	9.9	9.8	-.23	-.44	-.52	-.21	-.29
14:00	11.2	11.0	10.8	10.7	-.19	-.42	-.51	-.23	-.32
15:00	11.3	11.2	11.0	10.9	-.09	-.30	-.38	-.21	-.29
16:00	11.0	11.0	10.9	10.9	.01	-.14	-.16	-.15	-.17
17:00	10.9	11.0	11.0	11.1	.13	.12	.23	-.01	.09
18:00	10.7	11.3	11.5	11.7	.57	.72	.90	.15	.33
19:00	10.9	11.5	11.7	11.9	.56	.79	1.00	.23	.44
20:00	11.0	11.5	11.5	11.7	.45	.51	.71	.06	.26
21:00	11.1	11.5	11.6	11.8	.40	.52	.69	.12	.30
22:00	12.2	12.4	12.4	12.5	.25	.21	.29	-.04	.04
23:00	12.2	12.5	12.5	12.7	.25	.27	.43	.02	.18
Avg	8.9	9.0	8.9	8.9	.04	-.07	-.07	-.11	-.11
Max	12.2	12.5	12.5	12.7	.57	.79	1.00	.23	.44
Hr. of Max	23	23	23	23	18	19	19	19	19
Min	5.8	5.8	5.6	5.5	-.24	-.48	-.57	-.24	-.34
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/3/2015

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	4.3	4.3	4.8	6.6	90.5	90.6	6.5	6.5	0.005258
01:00	4.1	4.1	4.7	6.6	89.5	89.5	6.4	6.4	0.005183
02:00	4.0	4.0	4.7	6.6	88.3	88.1	6.3	6.3	0.005164
03:00	4.3	4.1	4.8	6.6	89.4	88.9	6.4	6.4	0.005242
04:00	4.4	4.3	5.0	6.6	89.7	89.1	6.5	6.4	0.005309
05:00	4.4	4.3	5.0	6.7	89.1	88.7	6.5	6.4	0.005301
06:00	4.6	4.5	5.2	6.7	89.4	89.2	6.6	6.6	0.005383
07:00	4.7	4.6	5.3	6.7	89.0	88.6	6.6	6.6	0.005399
08:00	4.9	4.7	5.5	6.8	88.4	87.7	6.7	6.6	0.00548
09:00	5.2	5.1	6.1	6.8	85.3	85.6	6.9	6.8	0.005628
10:00	6.0	5.7	6.9	6.9	85.6	85.2	7.2	7.1	0.005958
11:00	7.0	6.7	7.9	7.0	82.8	82.4	7.7	7.5	0.006355
12:00	7.4	7.3	8.2	7.2	85.6	85.9	7.9	7.9	0.006555
13:00	8.5	8.4	9.1	7.4	89.7	90.2	8.5	8.4	0.007098
14:00	9.2	9.1	9.9	7.6	88.5	89.2	8.9	8.8	0.007427
15:00	9.6	9.7	10.2	7.8	90.5	91.4	9.1	9.2	0.007654
16:00	9.8	10.0	10.2	8.0	93.5	94.4	9.3	9.4	0.007745
17:00	9.9	10.1	10.2	8.1	94.8	95.6	9.3	9.5	0.00779
18:00	9.9	10.5	10.2	8.2	95.8	96.2	9.3	9.7	0.007805
19:00	10.1	10.7	10.4	8.3	96.1	96.2	9.5	9.8	0.007924
20:00	10.3	10.8	10.5	8.4	96.2	96.7	9.5	9.9	0.008001
21:00	10.3	10.8	10.6	8.4	96.4	97.1	9.6	9.9	0.008038
22:00	11.4	11.8	11.7	9.0	96.6	97.0	10.3	10.5	0.008661
23:00	11.4	11.8	11.7	9.8	96.3	97.0	10.3	10.5	0.008667
Avg	7.3	7.4	7.9	7.5	90.7	90.9	8.0	8.0	0.006626
Max	11.4	11.8	11.7	9.8	96.6	97.1	10.3	10.5	0.008667
Hr. of Max	23	23	23	23	22	21	23	23	23
Min	4.0	4.0	4.7	6.6	82.8	82.4	6.3	6.3	0.005164
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/3/2015

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	0.005249	8.3	8.3	.00	29.33	993.1	-1.9	.00	50.7
01:00	0.005167	8.2	8.2	.00	29.30	992.4	-2.4	.00	49.4
02:00	0.005135	8.2	8.1	.00	29.30	992.1	-2.0	.00	51.2
03:00	0.005196	8.3	8.2	.00	29.28	991.7	-2.1	.00	22.0
04:00	0.005258	8.4	8.3	.00	29.27	991.4	-2.0	.00	209.9
05:00	0.00526	8.4	8.3	.00	29.26	991.0	-2.5	.00	214.9
06:00	0.005353	8.5	8.5	.00	29.26	990.9	-1.7	.00	16.8
07:00	0.005383	8.5	8.5	.00	29.26	990.7	-2.0	.00	47.9
08:00	0.005416	8.7	8.6	.00	29.26	990.9	24.5	.04	38.8
09:00	0.005581	8.9	8.8	.00	29.26	991.0	77.0	.11	19.0
10:00	0.005832	9.4	9.2	.00	29.26	991.0	182.2	.26	162.1
11:00	0.006239	10.0	9.8	.00	29.23	990.0	132.4	.19	158.8
12:00	0.006519	10.3	10.3	.00	29.21	989.2	80.0	.11	272.8
13:00	0.007031	11.2	11.0	.01	29.18	988.2	169.1	.24	248.8
14:00	0.00739	11.6	11.6	.00	29.15	987.0	102.9	.15	239.6
15:00	0.007679	12.0	12.0	.00	29.14	987.0	48.8	.07	245.4
16:00	0.007829	12.1	12.3	.01	29.15	987.2	13.4	.02	245.6
17:00	0.007926	12.2	12.4	.02	29.14	986.9	.2	.00	202.1
18:00	0.008149	12.2	12.8	.00	29.13	986.5	-2.1	.00	230.6
19:00	0.008237	12.4	12.9	.00	29.12	986.2	-1.9	.00	207.9
20:00	0.008282	12.5	12.9	.04	29.10	985.6	-2.1	.00	205.3
21:00	0.008311	12.6	13.0	.09	29.09	985.0	-2.1	.00	84.3
22:00	0.008844	13.5	13.8	.59	29.12	986.1	-2.0	.00	248.1
23:00	0.008869	13.5	13.9	.20	29.11	985.7	-2.1	.00	183.9
Avg	0.006672	10.4	10.5	.04	29.20	989.0	33.4	.05	212.0
Max	0.008869	13.5	13.9	.59	29.33	993.1	182.2	.26	272.8
Hr. of Max	23	23	23	22	00	00	10	10	12
Min	0.005135	8.2	8.1	.00	29.09	985.0	-2.5	.00	16.8
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/3/2015

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	55.8	58.3	51.0	53.7	26.5	13.5	8.6	3.0	5.9
01:00	52.9	53.9	55.0	49.1	26.1	13.7	8.0	2.7	5.6
02:00	57.2	62.2	52.1	57.7	30.2	13.7	9.4	1.1	2.8
03:00	38.6	44.1	23.5	38.4	32.9	21.5	16.5	.9	2.0
04:00	225.8	233.4	214.9	233.5	19.6	20.2	22.8	1.2	1.7
05:00	213.7	198.5	220.7	198.1	40.0	39.4	43.8	.4	.4
06:00	19.6	29.7	16.0	23.8	35.5	23.5	17.7	.5	1.3
07:00	59.1	66.4	50.0	62.3	25.5	16.6	12.8	1.4	2.4
08:00	48.2	63.6	41.5	59.0	26.5	13.5	10.6	1.3	2.6
09:00	11.5	27.7	26.6	19.3	49.4	37.7	45.9	.3	.9
10:00	171.5	183.9	168.7	183.0	39.7	43.3	39.5	.7	.7
11:00	181.7	290.0	176.3	286.9	52.9	44.3	44.9	.3	.2
12:00	288.5	292.1	276.1	290.4	31.1	27.0	21.4	2.6	3.5
13:00	268.2	274.4	251.8	274.0	33.7	29.0	23.6	2.3	3.1
14:00	250.1	251.0	244.3	251.1	26.2	21.6	16.5	2.5	3.5
15:00	260.7	266.4	250.0	267.0	23.0	20.4	16.8	2.3	3.0
16:00	257.0	258.0	251.1	258.2	23.4	18.0	13.9	2.7	4.1
17:00	249.1	270.7	217.5	272.5	66.3	60.4	20.9	1.0	1.6
18:00	269.4	278.6	236.8	279.0	43.6	23.2	14.3	1.1	2.5
19:00	250.3	279.4	213.9	280.3	34.3	22.1	13.2	1.0	2.2
20:00	218.6	263.8	216.7	265.5	50.2	22.2	27.9	.6	1.7
21:00	132.4	168.1	81.4	173.9	54.6	46.7	53.7	.1	.6
22:00	263.0	272.3	253.1	272.6	29.0	23.6	18.2	3.7	6.1
23:00	199.2	215.0	197.4	218.1	32.1	23.8	24.1	1.0	2.3
Avg	252.0	279.0	230.0	282.0	35.5	26.6	22.7	.0	.0
Max	288.5	292.1	276.1	290.4	66.3	60.4	53.7	3.7	6.1
Hr. of Max	12	12	12	12	17	17	21	22	22
Min	11.5	27.7	16.0	19.3	19.6	13.5	8.0	.1	.2
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/3/2015

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	7.8	3.2	6.0	7.9	3.8	8.3	-1.6	-2.5	-.31
01:00	7.3	2.9	5.7	7.4	3.5	7.9	-1.4	-3.4	-.30
02:00	3.8	1.3	2.9	3.8	1.7	4.2	-3.8	-2.5	-.18
03:00	2.4	1.0	2.2	2.7	1.5	3.1	-3.7	-2.3	-.13
04:00	1.5	1.3	1.8	1.7	1.8	2.1	1.3	.4	.04
05:00	.4	.9	1.1	.9	1.4	1.4	2.3	1.4	.06
06:00	1.6	.6	1.4	1.8	1.0	2.1	-1.3	-2.9	-.04
07:00	2.9	1.6	2.7	3.1	2.1	3.5	-2.5	-1.5	-.11
08:00	2.5	1.3	2.7	2.6	1.7	3.0	-2.7	-4.3	-.14
09:00	1.0	1.0	1.5	1.5	1.5	2.0	1.0	-2.6	-.01
10:00	.5	1.3	1.3	1.3	1.8	1.8	3.4	-1.9	.14
11:00	.5	.8	1.1	1.4	1.4	1.8	1.2	4.2	.07
12:00	4.2	3.0	3.9	4.5	3.4	4.8	-2.0	-1.4	-.24
13:00	4.1	2.6	3.5	4.6	3.1	5.0	.8	.4	-.09
14:00	4.0	2.8	3.7	4.2	3.4	4.7	2.0	2.8	-.02
15:00	3.8	2.5	3.2	4.0	3.1	4.4	-.3	-.6	-.10
16:00	5.5	2.9	4.4	5.7	3.4	6.1	-1.4	1.4	-.18
17:00	3.3	1.4	1.9	3.5	1.9	3.8	2.3	1.3	.01
18:00	4.9	1.3	2.7	5.0	1.9	5.1	1.6	2.9	.04
19:00	3.9	1.2	2.4	4.0	1.7	4.2	4.0	3.9	.14
20:00	1.7	.9	1.8	1.9	1.5	2.3	2.9	2.8	.06
21:00	.5	1.0	1.3	1.4	1.6	1.9	1.1	1.8	.02
22:00	8.5	4.4	6.7	9.1	5.1	9.3	-.3	2.1	-.22
23:00	3.3	1.9	3.3	4.0	2.4	4.4	.7	1.3	.00
Avg	.0	1.8	2.9	3.7	2.3	4.1	.2	.0	-.06
Max	8.5	4.4	6.7	9.1	5.1	9.3	4.0	4.2	.14
Hr. of Max	22	22	22	22	22	22	19	11	19
Min	.4	.6	1.1	.9	1.0	1.4	-3.8	-4.3	-.31
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/3/2015

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	-.43	10.8	13.1	16.7	13.2	14.7	19.8	7.4
01:00	-.51	8.5	10.5	17.4	9.2	12.1	19.7	6.7
02:00	-.23	6.0	8.7	10.3	6.5	8.4	21.4	7.5
03:00	-.13	3.7	5.0	5.7	3.7	5.2	13.9	5.3
04:00	.02	3.0	3.4	3.7	3.6	3.8	9.6	9.1
05:00	.10	2.3	2.7	2.3	3.1	3.0	13.8	16.6
06:00	-.10	2.3	2.7	3.2	2.5	3.8	14.6	6.2
07:00	-.08	4.6	5.5	5.7	4.7	6.2	14.3	8.3
08:00	-.20	3.7	5.3	5.7	4.3	5.1	18.5	6.5
09:00	-.07	3.2	8.2	7.6	3.4	4.4	24.3	16.0
10:00	-.04	3.9	4.1	3.9	4.8	4.6	23.9	22.3
11:00	.10	3.2	3.2	4.4	3.6	4.7	24.2	22.7
12:00	-.25	8.0	9.2	9.6	9.6	10.3	16.5	14.7
13:00	-.13	9.2	10.5	11.9	9.5	11.7	22.5	15.7
14:00	.13	10.1	14.9	15.8	10.6	11.4	17.9	13.7
15:00	-.10	7.8	8.5	8.9	9.4	10.2	14.2	11.0
16:00	.09	8.5	11.9	11.9	9.4	13.3	13.8	9.0
17:00	.07	11.7	11.9	16.5	7.9	11.3	13.6	8.5
18:00	.23	4.4	7.6	9.6	5.0	9.4	12.9	7.3
19:00	.24	3.4	6.9	8.7	3.8	9.3	15.0	10.0
20:00	.09	3.4	6.2	8.0	3.4	5.5	10.8	10.7
21:00	.06	8.0	7.8	6.0	7.3	57.1	10.8	14.7
22:00	.11	15.6	19.7	22.0	17.3	78.6	16.9	10.3
23:00	.12	4.8	6.2	10.3	5.3	8.2	11.6	8.7
Avg	-.04	6.3	8.1	9.4	6.7	13.0	16.4	11.2
Max	.24	15.6	19.7	22.0	17.3	78.6	24.3	22.7
Hr. of Max	19	22	22	22	22	22	09	11
Min	-.51	2.3	2.7	2.3	2.5	3.0	9.6	5.3
Count	24	24	24	24	24	24	24	24
Total								