Date Printed: 06/02/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/1/2015

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	17.3	17.9	18.3	18.4	.61	.98	1.10	.37	.49
01:00	17.6	18.0	18.1	18.2	.41	.46	.56	.05	.15
02:00	18.1	18.1	18.1	18.3	-.01	-.04	.18	-.02	.20
03:00	18.1	18.1	18.1	18.2	.02	.01	.15	-.02	.13
04:00	18.2	18.2	18.2	18.4	.02	.01	.19	-.01	.17
05:00	18.1	18.4	18.3	18.5	.20	.14	.30	-.06	.10
06:00	18.2	18.3	18.2	18.3	.18	.05	.13	-.13	-.05
07:00	18.5	18.5	18.3	18.3	-.06	-.28	-.25	-.23	-.19
08:00	19.0	18.8	18.5	18.6	-.15	-.45	-.43	-.29	-.28
09:00	20.5	20.0	19.3	19.6	-.45	-1.16	-.91	-.70	-.46
10:00	22.5	21.8	21.0	21.4	-.66	-1.42	-1.10	-.76	-.44
11:00	23.9	23.1	22.8	22.6	-.72	-1.08	-1.28	-.36	-.56
12:00	24.8	24.1	23.8	23.7	-.65	-.98	-1.08	-.33	-.43
13:00	25.1	24.5	24.2	24.1	-.57	-.88	-.97	-.31	-.40
14:00	25.7	25.0	24.7	24.6	-.72	-1.06	-1.16	-.34	-.44
15:00	26.4	25.6	25.1	25.0	-.87	-1.30	-1.45	-.43	-.58
16:00	26.6	26.0	25.7	25.5	-.58	-.95	-1.10	-.37	-.52
17:00	23.3	22.9	22.7	22.7	-.36	-.56	-.58	-.20	-.22
18:00	22.0	21.9	21.8	22.0	-.10	-.18	-.02	-.07	.08
19:00	16.6	16.6	16.7	17.0	.09	.19	.48	.10	.39
20:00	16.9	17.0	17.0	17.4	.06	.09	.44	.03	.38
21:00	16.8	16.7	16.8	17.1	-.05	.04	.34	.08	.39
22:00	16.4	16.5	16.8	17.0	.09	.34	.56	.25	.47
23:00	16.3	16.5	16.8	17.1	.19	.46	.74	.27	.54
Avg	20.3	20.1	20.0	20.1	-.17	-.32	-.22	-.14	-.05
Max	26.6	26.0	25.7	25.5	.61	.98	1.10	.37	.54
Hr. of Max	16	16	16	16	00	00	00	00	23
Min	16.3	16.5	16.7	17.0	-.87	-1.42	-1.45	-.76	-.58
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 06/02/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/1/2015

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	16.6	17.4	16.8	22.8	97.2	98.6	14.1	14.8	0.012136
01:00	16.9	17.5	17.1	22.7	97.3	98.7	14.3	14.9	0.012369
02:00	17.4	17.6	17.6	22.5	97.7	98.8	14.8	15.0	0.012811
03:00	17.4	17.6	17.6	22.4	97.7	98.8	14.8	15.0	0.012793
04:00	17.4	17.7	17.7	22.3	97.5	98.7	14.9	15.1	0.012858
05:00	17.4	17.8	17.6	22.2	97.4	98.8	14.8	15.2	0.012823
06:00	17.4	17.8	17.7	22.1	97.5	98.7	14.8	15.2	0.012849
07:00	17.7	17.9	18.0	22.0	97.1	98.7	15.1	15.3	0.013101
08:00	18.0	18.2	18.3	22.0	95.9	97.9	15.3	15.5	0.013309
09:00	18.1	17.7	18.9	21.9	88.1	88.1	15.4	15.0	0.013402
10:00	18.4	17.8	19.8	22.0	79.9	79.7	15.6	15.0	0.01371
11:00	18.3	17.6	20.1	22.3	72.9	72.8	15.4	14.8	0.013613
12:00	17.6	17.1	20.0	22.7	66.1	66.2	14.8	14.3	0.01307
13:00	17.6	17.1	20.1	23.2	65.1	65.1	14.8	14.3	0.013074
14:00	17.4	16.8	20.2	23.7	61.5	62.0	14.5	14.0	0.012873
15:00	17.3	16.7	20.3	24.0	58.5	59.4	14.4	13.9	0.012791
16:00	16.8	16.2	20.1	24.2	56.3	56.1	13.9	13.5	0.012416
17:00	16.1	15.7	18.5	24.4	66.2	65.6	13.5	13.2	0.011899
18:00	18.4	17.6	19.6	24.6	81.9	78.5	15.6	14.9	0.013713
19:00	15.1	15.1	15.6	24.3	92.8	92.1	12.9	12.8	0.011059
20:00	15.8	15.7	16.2	23.6	94.7	93.7	13.4	13.3	0.011544
21:00	15.9	15.9	16.2	23.2	96.1	96.6	13.5	13.5	0.011601
22:00	15.6	15.9	15.9	22.9	96.5	97.7	13.3	13.5	0.011383
23:00	15.5	16.0	15.8	22.6	96.7	98.2	13.2	13.6	0.011341
Avg	17.1	17.0	18.2	22.9	85.4	85.8	14.5	14.4	0.012606
Max	18.4	18.2	20.3	24.6	97.7	98.8	15.6	15.5	0.013713
Hr. of Max	18	08	15	18	03	05	18	08	18
Min	15.1	15.1	15.6	21.9	56.3	56.1	12.9	12.8	0.011059
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 06/02/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/1/2015

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	0.012796	18.9	19.9	.00	29.15	987.1	-2.7	.00	325.6
01:00	0.01287	19.2	20.0	.00	29.15	987.1	-2.0	.00	.7
02:00	0.012944	19.9	20.1	.00	29.14	986.8	-1.4	.00	22.6
03:00	0.012956	19.9	20.1	.00	29.13	986.6	-1.2	.00	338.9
04:00	0.013032	20.0	20.2	.00	29.13	986.4	-3.0	.00	297.9
05:00	0.013172	19.9	20.4	.00	29.12	986.1	-3.1	.00	45.8
06:00	0.013157	20.0	20.4	.00	29.12	986.2	6.6	.01	51.5
07:00	0.013267	20.4	20.6	.01	29.13	986.7	25.9	.04	39.8
08:00	0.013455	20.7	20.9	.00	29.15	987.1	144.3	.21	246.1
09:00	0.01304	20.8	20.3	.00	29.15	987.3	408.7	.59	211.5
10:00	0.013134	21.3	20.4	.00	29.15	987.2	613.3	.88	230.6
11:00	0.013005	21.1	20.2	.00	29.15	987.1	766.4	1.10	220.8
12:00	0.012581	20.3	19.6	.00	29.14	987.0	682.2	.98	207.7
13:00	0.012648	20.3	19.7	.00	29.14	986.7	604.9	.87	203.5
14:00	0.012421	20.0	19.3	.00	29.12	986.2	777.2	1.11	216.9
15:00	0.012318	19.9	19.1	.00	29.10	985.3	874.3	1.25	227.1
16:00	0.011958	19.3	18.6	.00	29.08	984.9	533.0	.76	210.6
17:00	0.011556	18.5	18.0	.05	29.09	985.2	308.0	.44	312.6
18:00	0.013064	21.2	20.3	.14	29.09	985.1	144.4	.21	351.5
19:00	0.011036	17.2	17.2	.65	29.11	985.8	44.1	.06	9.8
20:00	0.011471	18.0	17.8	.00	29.10	985.6	30.4	.04	34.0
21:00	0.011623	18.0	18.1	.00	29.11	985.8	-3.0	.00	274.6
22:00	0.01159	17.7	18.0	.00	29.14	986.7	-1.5	.00	298.7
23:00	0.011665	17.7	18.2	.00	29.14	986.9	-.8	.00	249.0
Avg	0.012532	19.6	19.5	.04	29.13	986.4	247.7	.36	291.0
Max	0.013455	21.3	20.9	.65	29.15	987.3	874.3	1.25	351.5
Hr. of Max	08	10	08	19	11	09	15	15	18
Min	0.011036	17.2	17.2	.00	29.08	984.9	-3.1	.00	.7
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 06/02/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/1/2015

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	46.6	61.4	315.5	56.7	66.9	20.6	15.2	.2	1.1
01:00	73.6	95.7	356.9	92.3	47.1	54.8	27.7	.7	1.3
02:00	15.2	37.3	17.4	31.5	40.4	19.3	14.8	.9	2.8
03:00	62.4	91.3	327.8	86.3	54.8	36.0	21.9	.4	.6
04:00	339.9	331.5	285.4	334.2	60.3	47.0	59.7	.5	.8
05:00	57.0	64.3	46.0	60.0	24.4	15.9	14.1	1.7	3.2
06:00	50.7	54.9	52.9	50.6	30.8	17.3	10.9	1.6	3.1
07:00	35.9	44.0	38.9	38.0	32.8	22.1	18.7	1.2	2.6
08:00	255.4	264.8	250.0	264.9	38.1	34.1	46.1	.7	.9
09:00	210.0	202.9	217.8	204.7	32.9	30.4	29.4	1.7	2.1
10:00	242.7	240.1	236.6	241.4	32.3	29.3	24.8	3.3	4.7
11:00	226.6	225.7	226.4	227.6	28.7	22.5	16.6	4.8	6.7
12:00	212.7	210.8	213.7	212.7	25.2	20.2	16.0	6.1	8.3
13:00	211.9	211.9	209.5	213.7	28.3	21.4	17.8	6.1	8.3
14:00	220.2	218.4	222.6	220.5	25.1	18.5	15.5	7.5	10.4
15:00	229.5	225.9	233.0	228.3	27.8	19.3	13.5	6.6	9.4
16:00	219.9	220.2	217.2	222.1	32.3	24.8	23.9	5.1	6.9
17:00	320.6	316.0	313.1	311.6	34.3	29.5	27.2	4.1	6.0
18:00	354.5	352.4	350.8	347.0	39.2	26.2	22.0	2.1	4.2
19:00	18.9	23.6	10.4	19.2	48.9	45.7	41.9	1.5	2.7
20:00	36.5	35.9	39.8	30.9	45.6	32.0	25.3	1.5	2.2
21:00	229.9	148.0	278.0	157.6	35.2	44.9	39.1	.6	.5
22:00	292.9	106.4	283.2	102.5	48.7	32.5	55.7	.6	.1
23:00	13.4	43.0	247.7	32.8	70.0	58.0	40.1	.5	.6
Avg	320.0	70.0	288.0	29.0	39.6	30.1	26.6	.0	.0
Max	354.5	352.4	356.9	347.0	70.0	58.0	59.7	7.5	10.4
Hr. of Max	18	18	01	18	23	23	04	14	14
Min	13.4	23.6	10.4	19.2	24.4	15.9	10.9	.2	.1
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 06/02/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/1/2015

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	1.5	.4	1.2	1.5	.8	1.9	2.9	.6	.05
01:00	1.7	1.2	1.5	1.8	1.6	2.2	-1.6	-.7	-.10
02:00	3.0	1.1	3.0	3.2	1.7	3.5	-1.3	-1.0	-.12
03:00	1.3	.8	.7	1.4	1.1	1.8	-.1	.8	-.03
04:00	.4	.8	1.0	.8	1.2	1.2	2.3	-3.0	.05
05:00	4.2	1.8	3.3	4.2	2.0	4.6	-3.0	-1.8	-.18
06:00	4.0	1.9	3.4	4.2	2.2	4.5	-3.4	-2.2	-.16
07:00	3.0	1.6	3.0	3.3	2.0	3.6	-2.8	-1.5	-.17
08:00	.7	1.0	1.3	1.2	1.4	1.6	.7	-1.6	.00
09:00	2.3	2.1	2.4	2.6	2.6	3.0	.0	-5.2	-.06
10:00	5.6	3.9	5.1	6.0	4.6	6.6	.7	-1.0	-.15
11:00	8.1	5.4	7.2	8.5	6.1	9.2	2.5	.7	.00
12:00	9.8	6.8	8.9	10.2	7.4	10.9	-.2	-.4	-.28
13:00	9.6	7.0	9.1	10.3	7.6	11.1	2.3	2.6	-.03
14:00	12.3	8.4	11.1	12.9	9.0	13.7	-.9	.4	-.44
15:00	11.2	7.3	9.8	11.5	7.9	12.3	1.9	1.6	-.08
16:00	8.1	5.8	7.5	8.6	6.4	9.2	-1.3	-.5	-.33
17:00	8.0	5.3	7.4	9.6	5.9	10.1	-3.2	-1.2	-.62
18:00	6.7	3.2	5.7	8.1	3.7	8.4	-.6	.3	-.37
19:00	3.9	3.7	5.5	7.1	4.2	7.6	-3.3	-.8	-.35
20:00	3.4	2.1	3.0	4.1	2.4	4.6	-2.0	-1.4	-.15
21:00	.2	1.1	1.5	1.3	1.5	1.7	1.0	-.1	.01
22:00	.4	.9	1.0	.5	1.3	.9	2.0	.8	.03
23:00	1.5	1.3	1.3	1.8	1.7	2.2	1.6	1.2	.02
Avg	.0	3.1	4.4	5.2	3.6	5.7	-.2	-.6	-.14
Max	12.3	8.4	11.1	12.9	9.0	13.7	2.9	2.6	.05
Hr. of Max	14	14	14	14	14	14	00	13	04
Min	.2	.4	.7	.5	.8	.9	-3.4	-5.2	-.62
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 06/02/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/1/2015

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	.01	2.1	2.7	3.7	2.6	3.6	9.5	6.8
01:00	-.05	4.1	5.3	6.0	4.5	6.3	10.3	10.9
02:00	-.04	4.4	5.7	8.9	5.2	6.6	19.6	8.0
03:00	.03	3.7	3.2	6.0	2.3	3.7	10.5	10.5
04:00	-.06	2.5	3.0	3.9	3.0	4.8	13.6	18.5
05:00	-.14	5.3	6.2	7.1	5.6	7.8	16.5	8.9
06:00	-.18	6.0	8.7	7.6	5.5	7.7	14.2	6.9
07:00	-.10	5.7	7.1	7.1	5.6	7.5	19.8	10.0
08:00	-.05	3.0	4.1	3.4	3.6	3.9	24.9	19.8
09:00	-.35	6.6	6.9	7.3	7.7	7.9	22.2	21.3
10:00	-.24	10.8	12.1	13.5	12.1	15.2	20.1	16.6
11:00	-.07	13.1	14.7	18.8	14.8	18.7	19.3	13.5
12:00	-.26	17.9	16.9	18.5	21.2	19.2	17.4	12.0
13:00	.26	17.6	22.0	21.5	18.3	20.5	18.5	12.6
14:00	-.04	18.3	22.2	22.2	20.8	24.0	16.5	10.6
15:00	.12	20.6	23.1	21.1	19.2	22.8	19.1	11.7
16:00	-.30	15.3	16.5	19.5	16.0	21.5	18.3	14.5
17:00	-.39	19.9	22.9	25.2	18.4	26.9	19.5	12.0
18:00	-.20	31.6	38.5	48.5	32.4	50.3	24.2	9.0
19:00	-.10	34.1	37.3	36.0	21.9	81.8	17.3	11.8
20:00	-.09	6.6	9.4	15.3	6.3	10.2	16.4	10.5
21:00	.02	3.9	4.6	5.7	4.6	6.0	13.7	13.9
22:00	.02	2.7	2.1	2.3	3.0	2.6	9.4	11.6
23:00	.06	4.1	4.1	5.3	4.9	5.5	10.2	9.1
Avg	-.09	10.8	12.5	13.9	10.8	16.0	16.7	12.1
Max	.26	34.1	38.5	48.5	32.4	81.8	24.9	21.3
Hr. of Max	13	19	18	18	18	19	08	09
Min	-.39	2.1	2.1	2.3	2.3	2.6	9.4	6.8
Count	24	24	24	24	24	24	24	24
Total								