Date Printed: 05/29/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/28/2015

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	19.6	20.3	20.7	21.1	.70	1.11	1.52	.41	.82
01:00	19.3	20.0	20.3	20.9	.75	1.05	1.63	.30	.88
02:00	19.1	20.1	20.6	20.9	1.07	1.52	1.87	.45	.80
03:00	18.9	20.3	20.5	20.7	1.35	1.56	1.78	.20	.43
04:00	18.8	19.5	20.0	20.3	.77	1.27	1.53	.50	.76
05:00	18.8	19.5	19.6	19.9	.70	.79	1.13	.09	.43
06:00	18.6	19.1	19.4	19.9	.48	.72	1.25	.24	.77
07:00	19.0	19.1	19.4	19.8	.07	.35	.76	.27	.69
08:00	20.1	19.9	19.8	19.9	-.21	-.29	-.16	-.08	.05
09:00	21.8	21.5	21.3	21.2	-.28	-.51	-.57	-.23	-.28
10:00	22.5	22.2	21.9	21.8	-.29	-.54	-.63	-.25	-.34
11:00	23.4	23.1	22.8	22.7	-.32	-.61	-.70	-.29	-.38
12:00	24.1	23.7	23.4	23.3	-.37	-.65	-.76	-.28	-.39
13:00	24.6	24.1	23.8	23.7	-.52	-.79	-.86	-.27	-.34
14:00	25.7	25.1	24.8	24.7	-.60	-.88	-1.02	-.28	-.42
15:00	25.9	25.4	25.1	25.0	-.52	-.76	-.90	-.24	-.38
16:00	26.2	25.8	25.5	25.3	-.48	-.77	-.96	-.30	-.48
17:00	26.7	26.1	25.8	25.7	-.52	-.83	-.98	-.31	-.46
18:00	27.1	26.7	26.4	26.2	-.40	-.71	-.84	-.31	-.44
19:00	26.2	26.1	25.9	25.9	-.10	-.31	-.37	-.21	-.27
20:00	24.5	25.2	25.3	25.4	.63	.76	.87	.13	.25
21:00	22.8	23.0	23.0	23.1	.22	.19	.24	-.03	.02
22:00	21.2	21.1	20.9	20.8	-.13	-.31	-.36	-.18	-.23
23:00	20.4	20.3	20.2	20.2	-.10	-.16	-.14	-.06	-.03
Avg	22.3	22.4	22.4	22.4	.08	.05	.14	-.03	.06
Max	27.1	26.7	26.4	26.2	1.35	1.56	1.87	.50	.88
Hr. of Max	18	18	18	18	03	03	02	04	01
Min	18.6	19.1	19.4	19.8	-.60	-.88	-1.02	-.31	-.48
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 05/29/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/28/2015

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	18.3	19.0	18.7	23.9	94.5	94.8	15.6	16.3	0.013532
01:00	18.1	19.2	18.5	23.7	94.9	96.9	15.4	16.4	0.013356
02:00	17.9	18.8	18.3	23.6	95.1	94.3	15.3	16.1	0.013198
03:00	17.9	18.3	18.2	23.4	95.7	90.7	15.2	15.6	0.013154
04:00	17.8	18.3	18.1	23.2	95.9	94.4	15.1	15.6	0.013066
05:00	17.8	18.2	18.1	23.0	96.0	93.9	15.2	15.5	0.01311
06:00	17.6	17.9	18.0	22.9	95.9	94.6	15.0	15.2	0.012956
07:00	17.9	17.9	18.3	22.7	95.0	94.7	15.2	15.3	0.013153
08:00	18.3	18.2	18.9	22.6	91.6	91.9	15.6	15.5	0.013515
09:00	19.0	18.7	19.9	22.5	86.0	85.7	16.2	15.9	0.014112
10:00	18.2	18.1	19.6	22.6	78.5	79.7	15.4	15.3	0.013424
11:00	18.3	17.9	20.0	22.7	74.9	74.2	15.5	15.0	0.013538
12:00	18.3	17.8	20.2	22.8	71.7	71.0	15.4	14.9	0.013501
13:00	18.2	17.8	20.4	23.0	69.4	69.6	15.3	14.9	0.013489
14:00	17.5	17.0	20.3	23.2	62.3	62.4	14.6	14.2	0.01293
15:00	17.1	16.5	20.1	23.4	60.0	59.4	14.3	13.7	0.012617
16:00	17.4	16.8	20.3	23.7	59.7	59.0	14.5	13.9	0.012826
17:00	16.8	16.4	20.1	23.9	56.1	56.3	13.9	13.6	0.01236
18:00	16.7	16.2	20.1	24.1	54.4	53.9	13.8	13.4	0.012266
19:00	17.6	17.2	20.5	24.3	60.4	59.2	14.7	14.3	0.012986
20:00	19.5	18.5	21.2	24.3	75.4	68.4	16.5	15.6	0.014611
21:00	17.7	17.5	19.4	24.3	74.8	72.5	15.0	14.7	0.013099
22:00	17.2	17.3	18.5	24.2	79.7	80.6	14.5	14.6	0.012606
23:00	17.6	17.5	18.5	24.1	85.7	86.0	14.9	14.8	0.012892
Avg	17.9	17.8	19.3	23.4	79.3	78.5	15.1	15.0	0.013179
Max	19.5	19.2	21.2	24.3	96.0	96.9	16.5	16.4	0.014611
Hr. of Max	20	01	20	21	05	01	20	01	20
Min	16.7	16.2	18.0	22.5	54.4	53.9	13.8	13.4	0.012266
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 05/29/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/28/2015

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	0.014169	21.1	22.1	.00	29.28	991.5	-1.0	.00	242.4
01:00	0.014285	20.8	22.3	.00	29.27	991.2	-3.1	.00	257.1
02:00	0.01398	20.6	21.8	.00	29.26	991.0	-3.5	.00	266.9
03:00	0.013568	20.5	21.1	.00	29.25	990.6	-2.3	.00	285.2
04:00	0.013489	20.4	21.0	.00	29.25	990.6	-.9	.00	356.3
05:00	0.013401	20.5	20.9	.00	29.26	990.8	-1.6	.00	21.1
06:00	0.01317	20.2	20.6	.00	29.28	991.7	4.1	.01	295.6
07:00	0.013177	20.6	20.6	.00	29.30	992.4	40.6	.06	248.4
08:00	0.01338	21.1	20.9	.00	29.32	992.9	127.4	.18	212.7
09:00	0.013819	22.0	21.6	.00	29.32	992.9	285.5	.41	218.0
10:00	0.013385	21.0	20.9	.00	29.31	992.7	283.4	.41	3.4
11:00	0.013148	21.1	20.5	.00	29.31	992.6	359.2	.51	122.7
12:00	0.013076	21.1	20.4	.00	29.31	992.6	338.4	.49	173.6
13:00	0.013109	21.1	20.5	.00	29.31	992.5	445.4	.64	228.5
14:00	0.012493	20.2	19.5	.00	29.28	991.7	594.9	.85	205.8
15:00	0.012114	19.7	18.9	.00	29.27	991.1	517.0	.74	182.2
16:00	0.012324	20.0	19.2	.00	29.25	990.5	459.6	.66	185.0
17:00	0.01202	19.3	18.8	.00	29.24	990.2	499.8	.72	99.3
18:00	0.011864	19.1	18.5	.00	29.24	990.1	393.9	.56	167.9
19:00	0.012654	20.2	19.7	.00	29.23	990.0	153.5	.22	153.2
20:00	0.013766	22.7	21.4	.00	29.25	990.5	27.0	.04	225.2
21:00	0.012866	20.4	20.1	.00	29.27	991.3	-3.5	-.01	257.0
22:00	0.012647	19.7	19.8	.00	29.29	992.0	-3.2	.00	271.1
23:00	0.012858	20.1	20.1	.00	29.29	992.0	-1.2	.00	256.1
Avg	0.013115	20.6	20.5	.00	29.28	991.5	187.9	.27	230.0
Max	0.014285	22.7	22.3	.00	29.32	992.9	594.9	.85	356.3
Hr. of Max	01	20	01	23	09	09	14	14	04
Min	0.011864	19.1	18.5	.00	29.23	990.0	-3.5	-.01	3.4
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 05/29/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/28/2015

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	243.2	226.5	246.9	229.0	17.1	9.5	4.9	1.7	2.7
01:00	246.0	205.3	259.1	206.7	19.4	7.9	5.6	1.1	2.0
02:00	235.6	197.3	266.9	198.4	45.7	15.9	11.2	1.1	2.6
03:00	231.9	207.0	283.7	208.3	24.5	35.5	17.6	1.3	2.1
04:00	27.5	352.9	9.4	349.6	19.5	28.3	48.0	.7	.7
05:00	50.3	42.8	6.2	37.9	48.2	43.3	28.8	.8	1.1
06:00	179.2	350.4	293.1	344.7	33.9	30.2	29.0	.6	.5
07:00	246.0	265.0	250.6	264.6	19.9	23.8	34.0	1.3	1.3
08:00	240.9	340.2	222.5	303.1	44.8	53.1	65.5	.7	.4
09:00	242.4	259.6	213.7	255.0	41.2	43.1	51.3	.6	.6
10:00	356.6	357.1	2.7	353.3	43.2	42.1	47.3	1.4	1.7
11:00	116.5	121.4	129.0	119.5	48.6	37.6	46.3	1.3	1.5
12:00	174.6	172.5	186.2	173.0	44.6	45.7	43.9	1.5	1.4
13:00	239.1	239.8	235.2	241.5	40.2	28.2	24.1	2.5	3.2
14:00	227.2	226.4	206.6	227.1	50.5	49.7	48.5	1.6	1.6
15:00	199.7	202.2	191.0	202.0	39.2	34.9	34.4	1.5	1.8
16:00	191.9	175.2	194.5	179.8	58.8	54.3	53.9	1.4	1.6
17:00	105.5	105.1	98.1	100.0	51.7	46.1	35.5	1.3	1.6
18:00	170.6	170.8	174.2	170.0	36.7	36.0	31.4	2.3	2.6
19:00	156.3	152.9	159.4	152.6	27.9	23.2	20.5	2.0	2.6
20:00	200.8	192.3	230.2	193.3	16.8	12.2	10.9	1.2	2.9
21:00	258.3	254.2	261.4	255.4	15.8	13.0	10.9	5.1	7.0
22:00	291.8	296.0	276.8	293.7	56.6	47.3	22.6	1.7	2.3
23:00	239.9	277.1	252.2	277.4	50.0	39.2	27.8	.4	.5
Avg	217.0	224.0	234.0	227.0	37.3	33.3	31.4	.0	.0
Max	356.6	357.1	293.1	353.3	58.8	54.3	65.5	5.1	7.0
Hr. of Max	10	10	06	10	16	16	08	21	21
Min	27.5	42.8	2.7	37.9	15.8	7.9	4.9	.4	.4
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 05/29/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/28/2015

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	4.3	1.9	2.8	4.4	2.2	4.7	-.4	.7	-.03
01:00	3.0	1.1	2.1	3.1	1.6	3.4	.4	.1	.00
02:00	4.0	1.2	2.7	4.1	1.5	4.3	3.3	.0	.05
03:00	3.7	1.6	2.4	3.8	1.9	4.2	.2	-.1	-.02
04:00	.5	.8	1.1	.9	1.0	1.2	1.4	1.3	.02
05:00	1.9	1.2	1.3	2.2	1.4	2.5	1.6	.2	.01
06:00	.8	.9	.9	1.1	1.2	1.5	-.4	1.1	-.02
07:00	.7	1.5	1.7	1.2	1.9	1.5	.0	.1	-.02
08:00	.1	.9	.7	.2	1.4	.6	-2.2	-.9	-.05
09:00	.8	1.1	1.1	1.3	1.6	1.8	.5	6.1	.00
10:00	1.7	1.6	1.9	1.8	2.0	2.4	-10.4	-4.9	-.43
11:00	1.5	1.7	1.8	1.8	2.4	2.4	.9	5.8	.03
12:00	1.5	1.9	2.1	2.3	2.6	2.8	-2.5	-7.7	-.03
13:00	3.6	3.1	3.6	3.9	3.6	4.4	-2.8	-4.5	-.20
14:00	1.5	2.4	2.4	2.2	3.0	2.9	2.7	14.5	.18
15:00	2.1	2.4	2.6	2.8	3.0	3.4	-1.0	1.0	-.10
16:00	1.5	1.8	1.9	1.7	2.5	2.3	1.5	2.0	.14
17:00	1.8	2.2	2.3	2.5	2.7	3.2	-3.4	-9.5	-.21
18:00	3.1	2.9	3.0	3.6	3.4	4.2	-2.6	-6.4	-.16
19:00	3.3	2.2	2.8	3.5	2.8	4.0	3.8	6.1	.11
20:00	4.0	1.4	3.0	4.1	1.8	4.3	.8	.6	.02
21:00	8.4	5.3	7.3	8.9	5.8	9.3	-1.7	-.4	-.40
22:00	3.7	1.9	2.6	4.0	2.4	4.3	-.8	.8	-.16
23:00	.8	.6	.6	.9	.9	1.3	3.1	-1.1	.06
Avg	.0	1.8	2.3	2.8	2.3	3.2	-.3	.2	-.05
Max	8.4	5.3	7.3	8.9	5.8	9.3	3.8	14.5	.18
Hr. of Max	21	21	21	21	21	21	19	14	14
Min	.1	.6	.6	.2	.9	.6	-10.4	-9.5	-.43
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 05/29/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/28/2015

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	.07	3.9	5.5	7.8	4.8	8.4	6.5	2.5
01:00	.01	3.4	4.8	6.0	3.9	6.4	6.7	3.1
02:00	-.01	5.3	8.5	8.7	4.1	7.6	12.7	7.6
03:00	.02	3.7	6.4	8.2	4.4	8.8	9.0	7.1
04:00	.04	2.3	2.5	2.1	2.8	2.4	9.4	10.9
05:00	.01	3.4	3.9	4.6	4.1	4.8	12.7	5.4
06:00	.06	2.7	3.4	4.4	3.2	4.5	8.4	9.8
07:00	.00	3.9	4.6	3.4	4.7	3.8	7.5	9.0
08:00	-.02	2.7	2.3	1.8	3.1	2.2	17.0	12.6
09:00	.18	3.4	3.9	3.7	4.3	4.4	26.5	29.8
10:00	-.32	5.3	5.5	4.8	5.4	5.3	23.1	29.1
11:00	.26	6.2	6.0	5.7	7.6	7.6	23.8	29.4
12:00	-.30	9.6	6.6	7.3	7.8	7.5	23.4	26.0
13:00	-.38	8.7	7.3	13.1	10.0	8.5	18.6	17.7
14:00	.80	7.8	6.9	6.2	6.7	7.5	24.0	28.0
15:00	.12	6.6	7.3	6.9	7.3	7.5	22.0	29.5
16:00	.17	5.5	6.0	6.0	6.6	6.0	26.2	34.8
17:00	-.53	6.0	6.6	6.2	8.1	7.6	25.1	28.4
18:00	-.41	7.8	9.2	9.2	9.3	10.4	22.6	24.3
19:00	.29	7.1	7.6	8.9	6.5	8.6	17.5	20.2
20:00	.03	3.7	5.3	6.2	4.6	6.6	8.8	5.9
21:00	-.23	17.9	20.6	19.7	17.9	22.7	12.7	8.0
22:00	-.17	8.0	14.7	16.5	8.7	11.6	21.3	18.4
23:00	-.03	2.1	2.1	6.0	2.7	3.9	14.1	15.6
Avg	-.01	5.7	6.6	7.2	6.2	7.3	16.7	17.2
Max	.80	17.9	20.6	19.7	17.9	22.7	26.5	34.8
Hr. of Max	14	21	21	21	21	21	09	16
Min	-.53	2.1	2.1	1.8	2.7	2.2	6.5	2.5
Count	24	24	24	24	24	24	24	24
Total								