Date Printed: 08/12/2015 11:13

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/11/2015

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	22.2	22.0	21.9	22.0	-.12	-.24	-.15	-.12	-.03
01:00	21.4	21.6	21.6	21.8	.12	.18	.40	.06	.28
02:00	21.5	21.5	21.5	21.6	-.05	-.07	.08	-.02	.13
03:00	21.6	21.5	21.4	21.5	-.11	-.18	-.08	-.07	.02
04:00	21.8	21.7	21.6	21.6	-.11	-.21	-.17	-.10	-.06
05:00	21.8	21.6	21.4	21.4	-.16	-.34	-.36	-.18	-.20
06:00	21.8	21.6	21.5	21.5	-.14	-.27	-.23	-.13	-.10
07:00	22.0	21.8	21.7	21.7	-.19	-.32	-.28	-.13	-.09
08:00	22.6	22.3	22.0	22.0	-.28	-.52	-.52	-.24	-.23
09:00	23.7	23.4	23.1	23.0	-.31	-.61	-.72	-.29	-.41
10:00	25.8	25.2	25.0	24.8	-.60	-.89	-1.03	-.29	-.43
11:00	27.3	26.6	26.3	26.1	-.65	-.98	-1.11	-.33	-.47
12:00	28.9	28.3	28.1	28.0	-.66	-.87	-.98	-.20	-.31
13:00	30.1	29.2	28.9	28.8	-.87	-1.13	-1.23	-.26	-.36
14:00	31.4	30.2	29.9	29.8	-1.16	-1.46	-1.58	-.30	-.42
15:00	31.3	30.3	30.1	29.9	-.95	-1.23	-1.37	-.28	-.42
16:00	31.1	30.3	30.0	29.8	-.86	-1.15	-1.27	-.29	-.41
17:00	30.8	30.1	29.9	29.7	-.69	-.98	-1.13	-.28	-.44
18:00	29.9	29.5	29.3	29.2	-.39	-.63	-.71	-.24	-.32
19:00	28.1	28.3	28.2	28.2	.27	.18	.19	-.09	-.08
20:00	24.7	26.3	26.8	27.0	1.65	2.15	2.33	.51	.68
21:00	22.9	25.5	26.0	26.3	2.58	3.08	3.42	.50	.83
22:00	21.9	24.6	25.1	25.4	2.68	3.18	3.54	.50	.86
23:00	20.8	22.3	23.1	24.2	1.47	2.28	3.38	.81	1.92
Avg	25.2	25.2	25.2	25.2	.02	-.04	.02	-.06	.00
Max	31.4	30.3	30.1	29.9	2.68	3.18	3.54	.81	1.92
Hr. of Max	14	16	15	15	22	22	22	23	23
Min	20.8	21.5	21.4	21.4	-1.16	-1.46	-1.58	-.33	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/12/2015 11:13

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/11/2015

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	20.0	20.2	20.7	26.8	89.6	91.5	17.2	17.4	0.015165
01:00	19.7	19.9	20.3	26.7	91.9	92.3	16.9	17.1	0.01488
02:00	19.5	19.6	20.2	26.6	90.2	91.4	16.7	16.9	0.014701
03:00	19.6	19.8	20.3	26.5	90.8	92.0	16.9	17.0	0.014872
04:00	20.0	20.2	20.6	26.4	91.9	93.6	17.2	17.4	0.015209
05:00	20.3	20.5	20.8	26.3	93.3	95.5	17.5	17.7	0.015451
06:00	20.6	20.8	21.0	26.2	95.4	97.5	17.8	18.1	0.015758
07:00	20.8	21.1	21.2	26.1	95.4	98.0	18.1	18.4	0.015972
08:00	21.1	21.4	21.6	26.0	94.2	97.6	18.4	18.8	0.016319
09:00	21.4	21.4	22.2	26.0	89.1	90.9	18.7	18.7	0.016587
10:00	21.5	21.1	22.9	25.9	79.0	80.0	18.6	18.2	0.016666
11:00	21.5	21.0	23.4	26.0	73.0	73.6	18.6	18.1	0.016739
12:00	20.7	20.3	23.4	26.1	62.9	63.9	17.6	17.3	0.015915
13:00	20.1	19.7	23.4	26.3	57.1	58.3	17.0	16.6	0.015389
14:00	19.0	18.6	23.1	26.5	49.4	51.5	15.8	15.5	0.014367
15:00	18.5	18.2	22.8	26.8	48.1	49.7	15.3	15.1	0.013941
16:00	18.0	17.8	22.4	26.9	47.0	48.6	14.9	14.7	0.01351
17:00	17.3	17.2	21.8	27.1	45.6	47.2	14.2	14.2	0.01289
18:00	17.0	17.1	21.3	27.2	47.3	48.5	14.0	14.1	0.012688
19:00	18.4	18.1	21.6	27.3	57.5	55.3	15.4	15.0	0.013804
20:00	19.4	18.8	21.1	27.3	74.2	64.9	16.4	15.8	0.014617
21:00	19.2	18.5	20.5	27.3	81.8	66.8	16.4	15.5	0.014489
22:00	18.9	18.3	19.9	27.2	85.0	69.9	16.1	15.4	0.014141
23:00	18.4	18.7	19.2	27.1	88.2	81.9	15.7	15.8	0.013721
Avg	19.6	19.5	21.5	26.6	75.7	75.0	16.7	16.6	0.014908
Max	21.5	21.4	23.4	27.3	95.4	98.0	18.7	18.8	0.016739
Hr. of Max	11	09	13	21	07	07	09	08	11
Min	17.0	17.1	19.2	25.9	45.6	47.2	14.0	14.1	0.012688
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/12/2015 11:13

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/11/2015

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	0.015377	23.4	23.7	.00	29.04	983.3	-2.6	.00	233.2
01:00	0.015064	23.0	23.2	.00	29.03	983.0	-3.2	.00	242.2
02:00	0.014847	22.7	22.9	.00	29.02	982.9	-2.4	.00	230.9
03:00	0.014984	22.9	23.1	.00	29.02	982.8	-1.7	.00	229.3
04:00	0.015385	23.5	23.7	.00	29.02	982.7	-2.2	.00	231.1
05:00	0.015648	23.8	24.1	.00	29.02	982.8	-2.9	.00	234.8
06:00	0.015968	24.3	24.6	.00	29.03	983.1	-2.5	.00	224.0
07:00	0.016236	24.6	25.0	.00	29.04	983.6	17.5	.03	226.7
08:00	0.016623	25.2	25.6	.00	29.05	983.9	86.0	.12	216.6
09:00	0.016605	25.6	25.6	.00	29.06	984.2	175.4	.25	215.5
10:00	0.016278	25.7	25.1	.00	29.07	984.5	497.3	.71	223.5
11:00	0.016252	25.8	25.1	.00	29.07	984.5	589.5	.85	190.6
12:00	0.015567	24.5	24.0	.00	29.06	984.1	578.8	.83	263.6
13:00	0.014971	23.7	23.1	.00	29.05	983.6	804.6	1.15	273.2
14:00	0.014034	22.2	21.7	.00	29.03	983.2	951.4	1.36	282.2
15:00	0.013661	21.5	21.1	.00	29.03	983.0	784.8	1.13	303.2
16:00	0.013301	20.9	20.6	.00	29.02	982.8	705.7	1.01	321.9
17:00	0.012824	20.0	19.9	.00	29.02	982.8	413.9	.59	329.0
18:00	0.012718	19.6	19.7	.00	29.02	982.8	322.9	.46	312.2
19:00	0.013507	21.3	20.9	.00	29.03	983.3	99.8	.14	318.3
20:00	0.014111	22.6	21.8	.00	29.05	983.8	7.1	.01	333.8
21:00	0.013801	22.4	21.4	.00	29.06	984.2	-1.5	.00	331.0
22:00	0.013644	21.9	21.1	.00	29.08	985.0	-2.6	.00	347.3
23:00	0.013942	21.3	21.6	.00	29.09	985.3	-1.5	.00	304.7
Avg	0.014806	23.0	22.9	.00	29.04	983.6	250.5	.36	265.0
Max	0.016623	25.8	25.6	.00	29.09	985.3	951.4	1.36	347.3
Hr. of Max	08	11	09	23	23	23	14	14	22
Min	0.012718	19.6	19.7	.00	29.02	982.7	-3.2	.00	190.6
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/12/2015 11:13

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/11/2015

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	235.9	238.3	233.3	239.7	23.2	11.7	6.7	2.0	4.1
01:00	245.8	243.1	244.8	244.3	25.6	12.7	7.5	1.9	4.2
02:00	232.6	230.2	234.1	232.1	16.5	8.0	6.0	3.0	5.7
03:00	236.5	237.7	234.0	239.1	18.9	9.3	6.4	1.8	3.9
04:00	231.1	229.0	233.2	231.0	23.5	12.9	7.9	2.7	5.2
05:00	235.9	234.2	235.9	235.5	20.1	14.7	10.1	2.4	3.7
06:00	223.6	224.2	224.6	225.7	23.2	18.2	10.8	1.9	3.0
07:00	227.1	229.5	230.0	231.0	21.4	13.5	9.2	2.1	3.4
08:00	228.3	230.5	219.7	231.7	21.5	17.7	12.6	2.6	3.6
09:00	218.6	223.9	216.9	224.8	23.3	21.8	15.9	2.7	3.5
10:00	231.0	231.1	227.4	232.2	35.9	29.9	24.2	2.5	3.1
11:00	192.8	193.2	197.0	195.0	49.0	44.4	41.8	2.7	3.2
12:00	272.8	274.0	264.1	274.3	41.6	45.5	41.6	2.4	3.0
13:00	284.9	289.2	278.3	287.2	35.5	30.8	24.7	4.2	5.2
14:00	294.5	297.3	284.8	294.7	36.6	27.7	21.8	4.4	6.1
15:00	313.1	312.1	305.8	309.0	37.2	33.1	25.2	3.9	5.3
16:00	332.1	330.3	320.3	326.0	36.6	28.8	24.2	3.9	5.7
17:00	341.4	339.8	328.0	334.7	38.6	26.5	21.0	3.5	5.6
18:00	328.0	327.8	313.0	323.1	31.5	23.3	18.2	3.3	4.8
19:00	330.9	329.9	317.9	325.5	23.6	25.0	17.2	2.4	3.7
20:00	24.8	13.6	334.5	8.1	23.7	12.6	14.2	1.1	3.0
21:00	.3	355.4	332.8	350.4	15.1	13.4	13.0	1.5	3.3
22:00	352.0	344.6	347.2	339.0	22.0	20.4	10.7	1.8	3.4
23:00	85.1	23.6	305.3	33.8	21.6	23.4	40.9	.8	.3
Avg	270.0	274.0	267.0	274.0	27.7	21.9	18.0	.0	.0
Max	352.0	355.4	347.2	350.4	49.0	45.5	41.8	4.4	6.1
Hr. of Max	22	21	22	21	11	12	11	14	14
Min	.3	13.6	197.0	8.1	15.1	8.0	6.0	.8	.3
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/12/2015 11:13

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/11/2015

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	6.1	2.1	4.2	6.2	2.5	6.6	1.1	1.1	-.03
01:00	6.0	2.2	4.3	6.1	2.5	6.4	-.7	1.7	-.08
02:00	7.7	3.2	5.8	7.8	3.5	8.2	-1.4	.7	-.16
03:00	5.6	1.9	4.0	5.7	2.3	6.1	-.5	1.0	-.08
04:00	7.2	2.9	5.4	7.3	3.4	7.8	-.5	.5	-.11
05:00	4.8	2.5	3.9	5.0	3.0	5.3	-.3	.3	-.14
06:00	4.1	2.0	3.1	4.2	2.4	4.5	.2	1.3	-.08
07:00	4.2	2.2	3.5	4.3	2.5	4.6	1.9	-.2	-.02
08:00	4.6	2.8	3.8	4.7	3.3	5.1	1.4	1.6	-.01
09:00	4.2	2.9	3.6	4.4	3.5	4.9	.7	2.9	-.10
10:00	3.7	2.9	3.6	4.1	3.4	4.6	.8	-3.0	-.02
11:00	3.5	3.3	3.8	4.1	3.9	4.5	-2.6	-3.4	-.23
12:00	3.7	3.5	3.8	4.3	3.9	4.8	-.6	.0	-.25
13:00	6.5	4.9	5.9	7.2	5.4	7.7	-2.7	-3.0	-.49
14:00	7.2	5.1	6.7	7.7	5.6	8.2	-3.2	-3.6	-.64
15:00	6.8	4.9	6.3	7.6	5.4	8.1	-1.8	-2.4	-.53
16:00	7.0	4.9	6.6	7.8	5.5	8.4	-4.7	-2.1	-.77
17:00	7.3	4.1	6.1	7.8	4.7	8.4	-1.7	-3.7	-.51
18:00	6.6	3.6	5.2	6.9	4.2	7.4	-1.1	-2.3	-.41
19:00	5.4	2.6	4.0	5.7	3.0	6.1	-3.1	-2.4	-.30
20:00	4.4	1.2	3.1	4.5	1.4	4.9	-2.9	1.3	-.09
21:00	5.4	1.6	3.5	5.6	1.9	5.9	-2.1	.6	-.09
22:00	5.3	2.1	3.6	5.4	2.3	5.7	-1.7	.9	-.11
23:00	.5	1.0	.3	.6	1.2	1.0	.1	-1.8	.00
Avg	.0	2.9	4.3	5.6	3.4	6.1	-1.1	-.6	-.22
Max	7.7	5.1	6.7	7.8	5.6	8.4	1.9	2.9	.00
Hr. of Max	02	14	14	17	14	17	07	09	23
Min	.5	1.0	.3	.6	1.2	1.0	-4.7	-3.7	-.77
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/12/2015 11:13

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/11/2015

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	.11	6.0	10.1	11.0	5.8	12.0	16.3	4.7
01:00	.19	6.9	11.2	12.6	7.0	9.3	11.1	4.1
02:00	.08	6.6	10.1	13.3	7.9	13.4	12.4	3.9
03:00	.11	4.6	9.8	13.5	5.8	8.7	15.2	4.4
04:00	.03	8.2	9.4	12.8	8.9	11.7	14.6	5.6
05:00	-.02	6.2	7.1	10.8	7.3	8.3	16.1	6.6
06:00	.03	5.0	6.2	7.1	6.4	7.5	15.6	9.0
07:00	-.04	4.8	6.2	9.2	5.2	7.6	17.8	7.4
08:00	.08	6.2	7.8	8.7	7.6	8.3	17.6	10.7
09:00	.13	6.2	6.9	7.1	7.2	8.2	18.2	13.7
10:00	-.26	8.7	8.2	9.6	9.2	9.5	23.3	19.1
11:00	-.26	8.9	8.7	10.3	8.9	9.8	22.9	23.2
12:00	-.17	8.9	9.4	10.5	10.0	11.2	22.1	23.3
13:00	-.62	17.6	16.7	16.9	18.2	17.6	21.5	17.8
14:00	-.86	14.4	20.4	20.2	15.0	17.3	22.6	17.6
15:00	-.74	14.0	16.3	15.8	14.2	16.5	23.3	17.7
16:00	-.69	12.1	13.7	15.3	15.4	17.6	21.8	17.7
17:00	-.82	13.5	16.3	16.0	16.9	17.9	24.9	14.7
18:00	-.56	9.8	14.4	15.6	10.8	17.0	22.6	14.7
19:00	-.36	6.9	9.4	11.0	8.3	12.8	18.9	11.6
20:00	.06	4.1	6.0	10.3	3.7	9.0	11.4	8.1
21:00	.05	4.1	7.1	9.8	4.6	10.4	10.3	5.2
22:00	.05	4.8	7.6	10.1	5.4	10.0	8.4	5.2
23:00	-.05	2.3	3.2	4.4	2.5	4.5	8.4	18.5
Avg	-.19	8.0	10.1	11.7	8.8	11.5	17.4	11.9
Max	.19	17.6	20.4	20.2	18.2	17.9	24.9	23.3
Hr. of Max	01	13	14	14	13	17	17	12
Min	-.86	2.3	3.2	4.4	2.5	4.5	8.4	3.9
Count	24	24	24	24	24	24	24	24
Total								