Date Printed: 01/01/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/31/2014

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	-1.9	-.8	-.4	-.2	1.13	1.52	1.73	.38	.60
01:00	-2.1	-.9	-.6	-.4	1.18	1.45	1.62	.27	.44
02:00	-2.0	-1.6	-1.0	-.6	.41	.95	1.41	.54	1.00
03:00	-1.5	-1.0	-.7	-.5	.52	.80	1.05	.27	.52
04:00	-.9	-.3	-.3	-.3	.64	.68	.70	.04	.05
05:00	-.5	-.1	-.2	-.2	.39	.34	.30	-.04	-.09
06:00	-1.3	-.2	-.1	-.1	1.11	1.18	1.16	.07	.05
07:00	-2.6	-1.4	-.5	-.4	1.16	2.12	2.20	.96	1.04
08:00	-2.3	-1.7	-1.3	-1.1	.56	.98	1.12	.42	.57
09:00	-.5	-.6	-.7	-.8	-.14	-.27	-.30	-.13	-.17
10:00	.9	.6	.3	.1	-.31	-.61	-.79	-.30	-.48
11:00	2.9	2.1	1.7	1.4	-.78	-1.20	-1.46	-.42	-.68
12:00	3.1	2.5	2.1	1.9	-.58	-.95	-1.18	-.38	-.60
13:00	3.1	2.7	2.4	2.3	-.41	-.69	-.84	-.28	-.43
14:00	3.7	3.2	2.9	2.8	-.46	-.72	-.88	-.27	-.42
15:00	3.5	3.2	3.0	2.9	-.30	-.54	-.68	-.24	-.38
16:00	3.3	3.2	3.0	2.9	-.13	-.35	-.47	-.22	-.34
17:00	1.2	2.5	2.5	2.5	1.26	1.31	1.26	.05	.00
18:00	-1.1	.8	1.3	1.6	1.88	2.40	2.72	.53	.85
19:00	-1.9	-.4	.1	.9	1.46	2.00	2.81	.54	1.35
20:00	-2.5	-1.1	-.7	.3	1.44	1.84	2.83	.40	1.39
21:00	-3.0	-1.7	-1.2	-.5	1.29	1.84	2.49	.55	1.20
22:00	-3.4	-2.0	-1.7	-.9	1.37	1.68	2.53	.31	1.16
23:00	-4.0	-2.6	-2.2	-1.5	1.40	1.73	2.51	.33	1.11
Avg	-.4	.2	.3	.5	.59	.73	.91	.14	.32
Max	3.7	3.2	3.0	2.9	1.88	2.40	2.83	.96	1.39
Hr. of Max	14	16	16	16	18	18	20	07	20
Min	-4.0	-2.6	-2.2	-1.5	-.78	-1.20	-1.46	-.42	-.68
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/01/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/31/2014

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	-2.9	-3.0	-2.6	6.6	93.2	85.2	3.9	3.9	0.003074
01:00	-3.1	-3.5	-2.8	6.4	93.0	83.2	3.9	3.8	0.003031
02:00	-3.1	-3.2	-2.7	6.2	92.8	89.5	3.9	3.9	0.003038
03:00	-3.0	-4.2	-2.5	6.1	90.0	79.6	3.9	3.6	0.003054
04:00	-4.2	-6.5	-3.1	5.9	79.3	63.2	3.6	3.0	0.002809
05:00	-5.3	-7.0	-3.7	5.8	70.5	60.4	3.3	2.9	0.002576
06:00	-5.1	-7.2	-3.8	5.7	76.0	59.5	3.3	2.8	0.002617
07:00	-4.7	-6.3	-4.0	5.6	85.8	69.8	3.4	3.0	0.002685
08:00	-4.4	-5.6	-3.7	5.5	85.7	75.3	3.5	3.2	0.002747
09:00	-4.2	-5.1	-3.0	5.4	76.3	72.0	3.6	3.3	0.002795
10:00	-6.1	-7.4	-3.8	5.3	60.4	55.8	3.1	2.8	0.002434
11:00	-7.7	-9.0	-4.1	5.3	46.5	44.1	2.7	2.5	0.002171
12:00	-8.7	-9.8	-4.8	5.4	42.2	40.4	2.5	2.3	0.002004
13:00	-8.8	-9.5	-4.8	5.6	41.6	40.7	2.5	2.4	0.001981
14:00	-8.3	-9.2	-4.3	5.8	41.7	40.0	2.6	2.4	0.002065
15:00	-8.1	-9.0	-4.2	6.0	42.6	40.8	2.6	2.5	0.002092
16:00	-7.5	-8.1	-3.9	6.2	45.4	43.7	2.8	2.6	0.002195
17:00	-5.2	-7.4	-3.1	6.2	63.1	48.4	3.3	2.8	0.002607
18:00	-4.4	-7.1	-3.3	6.2	78.5	56.0	3.5	2.9	0.002752
19:00	-4.7	-6.7	-3.8	6.0	81.4	63.1	3.4	3.0	0.002698
20:00	-4.6	-6.4	-3.9	5.8	86.1	67.6	3.5	3.0	0.002721
21:00	-4.7	-5.7	-4.1	5.6	88.4	74.7	3.5	3.2	0.002693
22:00	-5.0	-5.8	-4.5	5.4	89.3	76.0	3.4	3.2	0.002641
23:00	-5.4	-6.2	-4.9	5.3	90.2	76.5	3.3	3.1	0.002559
Avg	-5.4	-6.6	-3.7	5.8	72.5	62.7	3.3	3.0	0.002585
Max	-2.9	-3.0	-2.5	6.6	93.2	89.5	3.9	3.9	0.003074
Hr. of Max	00	00	03	00	00	02	03	02	00
Min	-8.8	-9.8	-4.9	5.3	41.6	40.0	2.5	2.3	0.001981
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/01/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/31/2014

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	0.003056	4.9	4.9	.00	29.57	1001.4	-2.6	.00	37.3
01:00	0.002955	4.9	4.7	.00	29.57	1001.3	-1.8	.00	315.2
02:00	0.003019	4.9	4.8	.00	29.58	1001.9	-2.6	.00	228.8
03:00	0.002805	4.9	4.5	.00	29.56	1001.2	-2.3	.00	46.7
04:00	0.002347	4.5	3.8	.00	29.54	1000.4	-2.0	.00	40.0
05:00	0.00227	4.1	3.6	.00	29.53	1000.1	-2.0	.00	41.4
06:00	0.002226	4.2	3.6	.00	29.55	1000.6	-2.7	.00	10.3
07:00	0.002378	4.3	3.8	.00	29.57	1001.5	-.4	.00	282.6
08:00	0.002518	4.4	4.0	.00	29.59	1002.0	86.8	.12	190.1
09:00	0.002609	4.5	4.2	.00	29.59	1002.0	57.9	.08	119.7
10:00	0.002201	3.9	3.5	.00	29.59	1001.9	307.6	.44	61.7
11:00	0.001947	3.5	3.1	.00	29.57	1001.5	579.7	.83	44.3
12:00	0.001841	3.2	3.0	.00	29.55	1000.8	322.5	.46	13.4
13:00	0.001878	3.2	3.0	.00	29.53	1000.2	315.6	.45	30.0
14:00	0.001914	3.3	3.1	.00	29.52	999.7	236.8	.34	112.4
15:00	0.001958	3.4	3.1	.00	29.52	999.7	136.3	.20	109.0
16:00	0.002094	3.5	3.4	.00	29.52	999.5	84.6	.12	106.0
17:00	0.002204	4.2	3.5	.00	29.50	999.2	8.0	.01	32.9
18:00	0.002251	4.4	3.6	.00	29.50	999.0	-2.3	.00	295.4
19:00	0.002328	4.3	3.7	.00	29.50	998.9	-2.2	.00	11.4
20:00	0.002379	4.4	3.8	.00	29.49	998.8	-2.3	.00	281.1
21:00	0.002504	4.3	4.0	.00	29.49	998.6	-2.4	.00	312.7
22:00	0.002488	4.2	4.0	.00	29.48	998.5	-2.5	.00	5.6
23:00	0.002408	4.1	3.9	.00	29.49	998.5	-2.4	.00	315.2
Avg	0.002357	4.1	3.8	.00	29.54	1000.3	87.7	.13	21.0
Max	0.003056	4.9	4.9	.00	29.59	1002.0	579.7	.83	315.2
Hr. of Max	00	03	00	23	10	09	11	11	23
Min	0.001841	3.2	3.0	.00	29.48	998.5	-2.7	.00	5.6
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/01/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/31/2014

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	57.6	46.7	38.3	41.7	8.9	7.4	7.9	1.1	2.0
01:00	32.8	63.9	315.8	60.0	22.7	28.3	20.4	.4	1.2
02:00	309.8	47.3	234.3	47.5	13.1	49.2	23.4	1.6	.3
03:00	50.7	65.5	49.3	61.5	36.3	13.1	8.0	1.2	3.7
04:00	44.7	46.9	42.6	42.0	26.8	11.3	8.4	1.9	5.0
05:00	39.2	39.1	44.9	34.0	31.3	13.8	10.3	2.1	5.2
06:00	30.0	34.6	13.0	28.8	24.4	13.6	9.5	1.0	3.0
07:00	330.6	348.7	282.6	342.7	18.2	13.0	12.5	1.2	2.0
08:00	81.3	356.9	210.5	353.3	50.9	35.6	24.9	.1	.4
09:00	78.2	59.7	134.7	55.4	40.2	44.1	28.4	.2	1.1
10:00	59.1	59.2	62.3	55.0	28.9	19.9	14.8	3.5	5.6
11:00	40.4	37.2	46.6	33.0	39.0	26.1	22.4	3.2	4.8
12:00	22.3	22.1	12.5	17.5	46.0	27.0	21.8	2.5	4.0
13:00	28.0	25.3	29.4	21.6	40.0	33.0	30.0	2.0	2.9
14:00	108.4	101.7	115.2	95.9	32.0	38.4	36.1	2.8	3.0
15:00	110.9	110.5	113.7	107.4	24.8	23.5	21.1	2.6	3.1
16:00	108.7	108.0	109.1	104.2	19.7	17.2	16.1	2.9	3.4
17:00	90.0	95.0	37.6	90.6	44.5	17.0	15.6	.8	2.1
18:00	33.8	70.6	290.7	65.6	17.0	33.4	23.3	.4	.2
19:00	42.7	8.5	18.8	5.2	30.8	28.4	15.2	.5	1.1
20:00	77.7	1.6	272.2	355.1	39.8	30.0	17.3	.2	.4
21:00	300.6	210.3	301.0	213.2	57.1	29.0	48.0	.2	.4
22:00	62.7	43.0	13.2	34.5	35.1	14.1	51.8	.2	.6
23:00	49.8	56.5	351.3	52.8	53.8	7.9	12.3	.1	.3
Avg	49.0	49.0	23.0	44.0	32.6	23.9	20.8	.0	.0
Max	330.6	356.9	351.3	355.1	57.1	49.2	51.8	3.5	5.6
Hr. of Max	07	08	23	20	21	02	22	10	10
Min	22.3	1.6	12.5	5.2	8.9	7.4	7.9	.1	.2
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/01/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/31/2014

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	3.0	1.1	2.0	3.1	1.5	3.5	-.2	-.8	-.01
01:00	2.2	1.0	1.3	2.2	1.5	2.7	.2	-.9	-.02
02:00	.5	1.6	.4	.6	2.2	1.1	-.2	.5	-.03
03:00	5.7	1.4	3.8	5.8	1.8	6.3	.8	-.2	-.04
04:00	6.9	2.1	5.2	7.1	2.4	7.6	-.9	-1.3	-.15
05:00	7.0	2.3	5.4	7.1	2.8	7.7	2.5	-1.5	-.06
06:00	4.4	1.1	3.1	4.4	1.6	4.9	-2.6	-.9	-.13
07:00	2.6	1.3	2.2	3.1	1.7	3.4	.1	1.4	.00
08:00	1.3	.2	.9	1.7	.7	2.0	3.9	2.3	.06
09:00	1.9	.6	1.4	2.1	1.2	2.6	7.4	2.9	.16
10:00	6.7	4.0	5.9	6.9	4.6	7.5	.2	-.4	-.15
11:00	5.5	4.2	5.4	6.0	4.7	6.8	.9	.5	-.10
12:00	4.6	3.2	4.4	5.0	3.7	5.8	.7	-.9	-.13
13:00	3.1	2.8	3.5	3.5	3.3	4.2	-3.6	-3.6	-.29
14:00	3.0	3.2	3.5	3.6	3.9	4.2	2.2	5.2	.13
15:00	3.3	2.9	3.4	3.6	3.5	4.2	2.5	1.7	.10
16:00	3.5	3.1	3.6	3.7	3.7	4.2	1.6	1.0	.08
17:00	2.8	1.3	2.3	2.9	1.9	3.4	3.3	3.0	.13
18:00	.5	.4	.8	1.0	.7	1.5	-.1	-.4	.00
19:00	.8	.5	1.2	1.1	.9	1.6	1.5	.6	.03
20:00	1.8	.2	.7	1.8	.6	2.3	-.6	1.4	-.01
21:00	.1	.3	1.0	.1	.8	.5	1.7	-1.3	.03
22:00	.5	.2	.6	.5	.7	1.0	.4	-.9	.01
23:00	1.2	.1	.4	1.2	.5	1.8	1.7	-.9	.03
Avg	.0	1.6	2.6	3.3	2.1	3.8	1.0	.3	-.02
Max	7.0	4.2	5.9	7.1	4.7	7.7	7.4	5.2	.16
Hr. of Max	05	11	10	05	11	05	09	14	09
Min	.1	.1	.4	.1	.5	.5	-3.6	-3.6	-.29
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/01/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/31/2014

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	-.06	2.3	3.7	5.3	2.7	5.4	6.4	4.1
01:00	-.06	3.7	4.4	8.5	3.0	5.9	8.9	7.0
02:00	.01	3.2	2.5	3.2	4.0	3.8	6.0	10.2
03:00	-.05	5.7	10.1	12.1	6.1	12.9	15.1	6.0
04:00	-.22	7.1	13.3	17.9	7.7	13.9	18.9	5.9
05:00	-.29	8.0	11.4	14.2	9.8	14.6	22.9	8.3
06:00	-.13	4.1	8.0	8.2	6.2	9.1	17.0	7.5
07:00	.05	3.0	4.8	6.2	2.7	6.6	8.5	6.1
08:00	.03	1.6	6.9	9.4	2.4	6.0	14.5	13.3
09:00	.13	6.2	8.7	9.8	5.4	10.7	21.0	14.1
10:00	-.18	11.2	15.1	12.6	12.7	12.5	19.9	12.5
11:00	.00	11.2	12.8	11.2	12.1	12.3	22.7	18.9
12:00	-.16	8.7	11.9	11.9	9.5	12.6	25.3	18.3
13:00	-.41	14.4	8.2	11.2	8.4	9.5	23.9	22.7
14:00	.22	8.0	8.7	7.6	8.6	9.1	18.1	21.6
15:00	.14	7.3	7.6	11.2	8.1	9.0	17.1	16.7
16:00	.10	7.6	7.1	8.0	6.7	8.4	12.0	15.0
17:00	.25	6.6	8.2	11.4	6.7	8.0	13.7	10.7
18:00	-.03	1.6	2.5	3.7	2.1	3.1	6.6	7.3
19:00	.01	2.1	2.3	3.7	2.5	2.8	8.2	7.5
20:00	.08	1.6	2.5	4.1	1.9	4.3	7.2	5.4
21:00	-.02	1.6	2.5	1.1	1.9	1.7	7.6	7.0
22:00	-.02	1.6	1.4	1.4	2.0	1.9	5.9	5.2
23:00	-.03	1.6	1.1	2.1	2.0	2.7	7.0	3.3
Avg	-.03	5.4	6.9	8.2	5.6	7.8	13.9	10.6
Max	.25	14.4	15.1	17.9	12.7	14.6	25.3	22.7
Hr. of Max	17	13	10	04	10	05	12	13
Min	-.41	1.6	1.1	1.1	1.9	1.7	5.9	3.3
Count	24	24	24	24	24	24	24	24
Total								