Date Printed: 02/16/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/15/2015

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	-6.2	-6.1	-6.3	-6.5	.05	-.15	-.28	-.20	-.33
01:00	-7.6	-7.5	-7.7	-7.8	.09	-.09	-.21	-.18	-.30
02:00	-8.5	-8.4	-8.5	-8.6	.10	-.05	-.17	-.15	-.27
03:00	-9.3	-9.2	-9.4	-9.5	.11	-.05	-.17	-.16	-.28
04:00	-9.9	-9.8	-9.9	-10.0	.11	-.05	-.16	-.15	-.26
05:00	-10.5	-10.4	-10.5	-10.7	.10	-.06	-.18	-.16	-.28
06:00	-11.1	-11.0	-11.1	-11.3	.10	-.07	-.19	-.17	-.30
07:00	-11.4	-11.3	-11.5	-11.7	.03	-.16	-.31	-.19	-.33
08:00	-10.8	-11.2	-11.5	-11.8	-.40	-.74	-.99	-.33	-.59
09:00	-9.3	-10.1	-10.7	-11.1	-.82	-1.36	-1.74	-.53	-.91
10:00	-8.1	-9.1	-9.7	-10.2	-1.01	-1.66	-2.16	-.66	-1.15
11:00	-6.6	-7.7	-8.4	-8.9	-1.14	-1.83	-2.31	-.69	-1.17
12:00	-5.2	-6.5	-7.1	-7.6	-1.26	-1.89	-2.37	-.64	-1.12
13:00	-4.0	-5.1	-5.7	-6.1	-1.10	-1.69	-2.15	-.60	-1.05
14:00	-2.8	-3.9	-4.4	-4.8	-1.10	-1.64	-1.99	-.54	-.89
15:00	-1.9	-2.8	-3.4	-3.7	-.95	-1.46	-1.80	-.51	-.85
16:00	-2.1	-2.6	-2.9	-3.2	-.50	-.86	-1.09	-.36	-.59
17:00	-2.4	-2.7	-3.0	-3.1	-.27	-.56	-.75	-.29	-.48
18:00	-2.7	-2.8	-3.1	-3.2	-.17	-.42	-.58	-.25	-.41
19:00	-2.8	-2.9	-3.1	-3.3	-.12	-.35	-.50	-.23	-.38
20:00	-2.9	-3.1	-3.3	-3.5	-.16	-.40	-.55	-.24	-.39
21:00	-3.1	-3.2	-3.5	-3.6	-.15	-.38	-.53	-.23	-.38
22:00	-3.1	-3.3	-3.5	-3.7	-.20	-.45	-.60	-.25	-.40
23:00	-3.2	-3.4	-3.6	-3.7	-.16	-.40	-.55	-.24	-.39
Avg	-6.1	-6.4	-6.7	-7.0	-.37	-.70	-.93	-.33	-.56
Max	-1.9	-2.6	-2.9	-3.1	.11	-.05	-.16	-.15	-.26
Hr. of Max	15	16	16	17	04	04	04	04	04
Min	-11.4	-11.3	-11.5	-11.8	-1.26	-1.89	-2.37	-.69	-1.17
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 02/16/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/15/2015

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	-16.1	-16.6	-12.8	4.2	45.8	43.6	1.4	1.4	0.0011
01:00	-16.9	-17.5	-13.8	4.0	47.5	44.9	1.3	1.3	0.001025
02:00	-17.1	-17.7	-14.2	3.8	50.0	47.3	1.3	1.3	0.001006
03:00	-17.3	-17.9	-14.7	3.6	52.7	49.7	1.3	1.2	0.000989
04:00	-20.1	-21.2	-16.7	3.5	43.7	39.3	1.0	.9	0.000785
05:00	-22.3	-23.3	-18.4	3.3	37.7	34.3	.9	.8	0.000645
06:00	-21.2	-22.4	-17.8	3.2	43.4	38.9	.9	.8	0.000708
07:00	-20.5	-21.5	-17.4	3.0	47.1	43.0	1.0	.9	0.000751
08:00	-20.5	-21.5	-17.3	2.9	44.8	42.6	1.0	.9	0.000749
09:00	-20.2	-21.2	-16.6	2.7	41.3	40.2	1.0	.9	0.000775
10:00	-20.5	-21.5	-16.3	2.6	36.5	36.0	1.0	.9	0.000756
11:00	-20.7	-21.8	-16.0	2.5	32.1	31.8	1.0	.9	0.000745
12:00	-21.0	-22.2	-15.7	2.5	28.2	28.0	.9	.9	0.00073
13:00	-21.3	-22.3	-15.5	2.4	25.2	24.9	.9	.8	0.000715
14:00	-21.2	-22.4	-15.1	2.4	23.1	22.7	.9	.8	0.00072
15:00	-21.0	-22.0	-14.6	2.5	22.1	21.7	.9	.9	0.000735
16:00	-20.7	-21.6	-14.5	2.6	22.9	22.0	1.0	.9	0.000752
17:00	-20.1	-21.0	-14.2	2.7	24.7	23.3	1.0	.9	0.000791
18:00	-19.5	-20.4	-13.9	2.8	26.5	24.8	1.1	1.0	0.00083
19:00	-18.9	-19.8	-13.5	2.8	28.2	26.2	1.1	1.0	0.000878
20:00	-18.2	-19.1	-13.1	2.8	30.2	28.2	1.2	1.1	0.00093
21:00	-17.5	-18.4	-12.7	2.7	32.2	30.4	1.3	1.2	0.00098
22:00	-16.8	-17.7	-12.3	2.7	34.1	32.2	1.3	1.2	0.001038
23:00	-16.6	-17.3	-12.1	2.7	35.1	33.5	1.4	1.3	0.001059
Avg	-19.4	-20.3	-15.0	3.0	35.6	33.7	1.1	1.0	0.000841
Max	-16.1	-16.6	-12.1	4.2	52.7	49.7	1.4	1.4	0.0011
Hr. of Max	00	00	23	00	03	03	23	00	00
Min	-22.3	-23.3	-18.4	2.4	22.1	21.7	.9	.8	0.000645
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 02/16/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/15/2015

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	0.001051	1.8	1.7	.00	29.36	994.2	-2.7	.00	359.1
01:00	0.000975	1.6	1.6	.00	29.38	995.1	-1.9	.00	15.5
02:00	0.000959	1.6	1.5	.00	29.40	995.6	-1.9	.00	31.0
03:00	0.000941	1.6	1.5	.00	29.42	996.2	-2.5	.00	31.4
04:00	0.000713	1.3	1.1	.00	29.44	997.0	-2.7	.00	13.5
05:00	0.000593	1.0	.9	.00	29.47	998.1	-2.0	.00	40.2
06:00	0.00064	1.1	1.0	.00	29.49	998.6	-2.8	.00	21.5
07:00	0.000687	1.2	1.1	.00	29.49	998.8	23.5	.03	38.2
08:00	0.00069	1.2	1.1	.00	29.50	999.2	196.3	.28	48.1
09:00	0.000705	1.2	1.1	.00	29.51	999.4	403.7	.58	59.5
10:00	0.000689	1.2	1.1	.00	29.50	999.1	572.2	.82	67.7
11:00	0.000676	1.2	1.1	.00	29.50	999.1	682.3	.98	65.5
12:00	0.000656	1.2	1.1	.00	29.48	998.5	737.8	1.06	73.1
13:00	0.00065	1.1	1.0	.00	29.44	997.1	728.8	1.04	73.3
14:00	0.00065	1.2	1.0	.00	29.42	996.5	655.8	.94	67.3
15:00	0.000672	1.2	1.1	.00	29.40	995.5	510.4	.73	65.7
16:00	0.000695	1.2	1.1	.00	29.40	995.6	193.5	.28	74.1
17:00	0.000731	1.3	1.2	.00	29.39	995.4	29.7	.04	59.8
18:00	0.000767	1.3	1.2	.00	29.40	995.6	-1.2	.00	49.8
19:00	0.000807	1.4	1.3	.00	29.39	995.2	-2.4	.00	57.0
20:00	0.000857	1.5	1.4	.00	29.38	995.1	-2.7	.00	40.3
21:00	0.000912	1.6	1.5	.00	29.38	995.0	-2.4	.00	47.1
22:00	0.000966	1.7	1.5	.00	29.37	994.7	-2.3	.00	44.4
23:00	0.000998	1.7	1.6	.00	29.36	994.3	-2.4	.00	51.7
Avg	0.000778	1.4	1.2	.00	29.43	996.6	196.0	.28	47.0
Max	0.001051	1.8	1.7	.00	29.51	999.4	737.8	1.06	359.1
Hr. of Max	00	00	00	23	09	09	12	12	00
Min	0.000593	1.0	.9	.00	29.36	994.2	-2.8	.00	13.5
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 02/16/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/15/2015

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	5.5	359.9	.5	355.7	33.1	23.9	21.7	4.8	7.8
01:00	19.3	15.4	18.3	11.0	33.2	20.7	18.6	3.5	6.3
02:00	35.4	30.9	30.9	26.3	33.5	20.4	16.3	2.5	5.1
03:00	36.1	35.3	32.3	30.6	30.5	16.2	13.1	2.5	5.5
04:00	19.3	15.5	13.8	10.8	30.8	16.7	15.1	3.1	6.2
05:00	36.4	31.5	42.3	27.0	34.4	19.1	15.9	2.7	5.8
06:00	27.1	25.3	23.3	20.1	30.8	15.0	13.1	3.7	7.6
07:00	42.6	43.7	38.6 +	39.2	28.2	15.4	11.7	4.3	8.8
08:00	49.8	46.8	49.6	43.0	36.4	20.0	15.0	5.8	10.6
09:00	54.8	52.7	61.1	49.3	32.0	23.8	16.2	6.0	10.2
10:00	66.5	63.3	69.9	60.0	30.0	22.8	15.7	7.4	11.1
11:00	61.5	58.0	67.4	54.3	29.4	22.4	16.7	7.1	10.4
12:00	73.1	69.6	75.4	66.3	28.2	19.9	15.6	7.3	10.2
13:00	70.9	66.1	73.4	62.7	34.2	25.4	18.4	5.7	7.6
14:00	62.1	56.3	69.3	52.6	35.9	28.7	23.5	4.8	6.2
15:00	61.5	56.6	67.7	52.6	32.1	25.1	24.0	4.6	6.6
16:00	69.8	67.3	76.7	63.7	28.8	22.9	20.0	4.8	6.6
17:00	60.7	60.9	62.0	56.8	31.0	22.5	17.0	4.0	6.7
18:00	48.8	49.2	50.4	45.0	38.1	17.6	12.9	2.6	5.8
19:00	58.1	57.9	55.7	54.0	31.3	19.4	12.7	3.4	6.9
20:00	43.3	41.6	39.4	36.7	33.0	15.1	10.1	3.5	7.6
21:00	45.2	45.1	51.5	40.9	32.8	17.7	12.6	3.2	6.4
22:00	45.0	45.9	44.4	41.5	33.9	17.1	11.2	3.0	6.2
23:00	52.1	52.0	53.7	47.8	27.3	15.8	10.7	3.5	6.6
Avg	47.0	45.0	48.0	41.0	32.0	20.2	15.7	.0	.0
Max	73.1	359.9	76.7	355.7	38.1	28.7	24.0	7.4	11.1
Hr. of Max	12	00	16	00	18	14	15	10	10
Min	5.5	15.4	.5	10.8	27.3	15.0	10.1	2.5	5.1
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 02/16/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/15/2015

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	9.8	5.5	8.4	10.5	6.2	11.3	-1.5	.1	-.55
01:00	8.0	4.0	6.7	8.4	4.6	9.0	-1.3	1.1	-.38
02:00	6.6	2.9	5.4	6.9	3.6	7.4	-.8	-.1	-.30
03:00	6.7	2.9	5.9	6.9	3.5	7.4	-1.7	-1.1	-.28
04:00	7.4	3.4	6.4	7.6	4.1	8.2	.5	-.8	-.21
05:00	7.2	3.1	6.1	7.6	3.9	8.1	-1.0	.3	-.34
06:00	9.0	4.1	7.9	9.2	4.7	9.9	.7	-1.0	-.28
07:00	10.8	4.8	9.1	11.0	5.4	11.6	.1	.2	-.34
08:00	13.2	6.6	11.1	13.6	7.4	14.3	-1.8	.5	-.66
09:00	13.5	6.7	11.0	14.1	7.7	14.9	.9	2.5	-.29
10:00	15.0	8.1	11.8	15.5	9.3	16.2	2.2	1.5	.09
11:00	13.0	7.9	11.2	13.6	8.8	14.4	.8	2.0	-.18
12:00	12.6	7.9	10.7	13.1	9.1	13.7	1.8	1.3	.04
13:00	9.6	6.4	8.1	10.0	7.3	10.6	-1.3	.9	-.33
14:00	7.4	5.6	6.9	7.9	6.4	8.6	.0	1.0	-.18
15:00	7.6	5.3	7.2	8.2	6.0	8.8	1.4	3.7	-.08
16:00	7.9	5.3	7.1	8.4	6.0	9.0	1.2	2.5	-.06
17:00	8.0	4.6	7.2	8.4	5.2	8.9	1.7	1.2	-.13
18:00	7.6	2.9	6.1	7.8	3.7	8.2	1.1	1.0	-.12
19:00	8.9	3.8	7.2	9.1	4.6	9.5	.1	.8	-.27
20:00	9.1	3.9	7.8	9.3	4.6	9.8	-.5	-2.2	-.34
21:00	8.0	3.5	6.7	8.1	4.1	8.6	-2.1	-.4	-.34
22:00	7.8	3.4	6.5	7.9	3.8	8.3	2.2	.5	-.10
23:00	8.4	3.9	6.9	8.5	4.3	9.0	.8	-1.7	-.22
Avg	.0	4.9	7.9	9.7	5.6	10.2	.1	.6	-.24
Max	15.0	8.1	11.8	15.5	9.3	16.2	2.2	3.7	.09
Hr. of Max	10	10	10	10	10	10	22	15	10
Min	6.6	2.9	5.4	6.9	3.5	7.4	-2.1	-2.2	-.66
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 02/16/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/15/2015

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	-.30	17.9	22.0	22.2	23.8	23.9	22.2	13.2
01:00	-.06	13.5	14.7	18.1	15.1	18.3	20.6	13.1
02:00	-.11	11.4	16.0	21.8	12.1	14.3	21.8	11.4
03:00	-.25	13.5	21.8	19.0	10.6	15.1	20.0	9.3
04:00	-.23	11.7	13.3	13.3	11.9	14.3	20.3	9.9
05:00	-.06	10.8	13.7	14.4	13.4	15.3	21.6	11.0
06:00	-.29	15.8	16.0	17.2	17.1	17.6	19.8	9.0
07:00	-.09	15.8	20.4	21.3	17.4	21.8	19.9	9.0
08:00	-.14	17.4	25.0	24.3	22.3	27.3	21.1	11.8
09:00	.31	22.9	27.2	34.3	20.3	26.8	21.9	12.7
10:00	.17	33.0	27.5	41.0	23.8	27.6	19.6	11.4
11:00	.30	23.1	25.2	24.0	22.0	25.5	19.5	12.0
12:00	.09	19.2	19.9	23.1	21.8	23.8	19.9	12.7
13:00	.07	32.7	23.4	24.7	18.5	19.3	19.8	14.4
14:00	.09	17.2	16.5	18.5	16.5	19.2	21.4	17.6
15:00	.28	15.6	18.8	17.9	16.9	19.1	20.8	16.7
16:00	.20	13.7	14.4	15.1	15.9	16.7	19.4	13.9
17:00	.06	12.8	15.1	22.9	14.5	15.3	20.9	10.5
18:00	.04	9.8	16.9	20.8	10.2	14.4	23.6	9.7
19:00	-.05	10.5	15.1	14.0	14.2	14.7	21.0	10.3
20:00	-.41	11.2	20.6	18.5	13.3	17.0	22.1	8.9
21:00	-.20	11.4	22.7	23.8	14.3	18.3	21.4	10.4
22:00	-.01	10.8	14.4	15.8	12.3	16.5	23.3	9.3
23:00	-.37	11.2	13.7	14.7	12.1	14.8	22.3	8.8
Avg	-.04	16.0	18.9	20.9	16.3	19.0	21.0	11.5
Max	.31	33.0	27.5	41.0	23.8	27.6	23.6	17.6
Hr. of Max	09	10	10	10	10	10	18	14
Min	-.41	9.8	13.3	13.3	10.2	14.3	19.4	8.8
Count	24	24	24	24	24	24	24	24
Total								