Date Printed: 04/11/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/10/2015

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	22.7	23.2	23.2	23.3	.45	.48	.59	.03	.15
01:00	22.9	23.3	23.2	23.3	.36	.30	.36	-.06	.01
02:00	23.3	23.6	23.5	23.5	.25	.15	.17	-.10	-.08
03:00	22.7	23.0	22.9	22.9	.27	.16	.18	-.12	-.09
04:00	22.2	22.4	22.3	22.3	.22	.09	.11	-.13	-.11
05:00	22.0	22.1	22.0	22.0	.16	.02	.01	-.15	-.15
06:00	21.3	21.5	21.4	21.4	.15	.02	.03	-.12	-.11
07:00	18.7	18.8	18.7	18.8	.07	-.01	.04	-.08	-.03
08:00	17.8	17.8	17.7	17.8	.03	-.03	.05	-.06	.02
09:00	17.9	17.9	17.8	17.8	-.03	-.14	-.07	-.11	-.05
10:00	18.5	18.4	18.3	18.3	-.09	-.25	-.23	-.16	-.14
11:00	19.0	18.9	18.8	18.8	-.07	-.19	-.18	-.13	-.11
12:00	19.6	19.6	19.4	19.4	-.06	-.22	-.26	-.16	-.20
13:00	18.7	18.6	18.4	18.4	-.13	-.31	-.34	-.18	-.21
14:00	19.2	18.7	18.5	18.4	-.45	-.64	-.72	-.19	-.27
15:00	19.9	19.5	19.3	19.2	-.34	-.55	-.65	-.21	-.31
16:00	19.1	18.8	18.6	18.6	-.26	-.46	-.55	-.20	-.29
17:00	19.4	19.1	18.9	18.9	-.22	-.42	-.51	-.20	-.29
18:00	19.0	19.0	18.9	18.8	.00	-.16	-.20	-.16	-.20
19:00	17.7	18.3	18.2	18.3	.60	.55	.59	-.05	-.01
20:00	14.9	17.4	17.5	17.6	2.45	2.60	2.70	.15	.24
21:00	13.0	16.8	17.1	17.2	3.89	4.10	4.29	.20	.40
22:00	11.9	15.5	15.9	16.1	3.59	4.04	4.17	.44	.58
23:00	12.3	15.0	15.1	15.2	2.72	2.85	2.97	.13	.25
Avg	18.9	19.5	19.4	19.4	.56	.50	.52	-.07	-.04
Max	23.3	23.6	23.5	23.5	3.89	4.10	4.29	.44	.58
Hr. of Max	02	02	02	02	21	21	21	22	22
Min	11.9	15.0	15.1	15.2	-.45	-.64	-.72	-.21	-.31
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 04/11/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/10/2015

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	15.2	15.1	17.7	18.2	63.6	61.9	12.7	12.7	0.011161
01:00	15.2	15.1	17.8	18.0	62.8	61.3	12.7	12.6	0.01116
02:00	15.4	15.4	18.1	17.9	62.7	61.7	12.9	12.9	0.011369
03:00	15.6	15.6	18.0	17.8	65.6	64.6	13.0	13.0	0.011482
04:00	15.6	15.7	17.8	17.7	67.9	67.1	13.1	13.1	0.011518
05:00	15.8	15.8	17.8	17.6	69.3	68.7	13.2	13.2	0.011617
06:00	16.0	16.0	17.8	17.6	73.3	72.8	13.5	13.5	0.011792
07:00	16.8	17.0	17.5	17.5	90.7	90.9	14.3	14.4	0.012404
08:00	16.1	16.2	16.7	17.5	91.8	92.1	13.7	13.8	0.011836
09:00	16.4	16.3	16.9	17.5	92.4	92.5	13.9	13.9	0.012002
10:00	16.4	16.3	17.1	17.5	89.3	89.0	13.9	13.8	0.012044
11:00	16.4	16.2	17.2	17.5	86.7	86.2	13.9	13.7	0.012025
12:00	16.4	16.2	17.5	17.5	83.1	82.5	13.8	13.7	0.012013
13:00	15.9	15.8	16.8	17.6	85.7	85.8	13.5	13.4	0.01167
14:00	16.1	15.7	17.1	17.7	84.5	84.6	13.6	13.3	0.011838
15:00	14.9	14.5	16.6	17.9	74.5	74.1	12.6	12.3	0.01095
16:00	12.9	12.5	14.9	18.2	68.4	67.9	11.1	10.8	0.009565
17:00	10.8	10.3	13.7	18.3	58.7	57.4	9.7	9.3	0.008344
18:00	10.7	10.1	13.5	18.3	59.5	57.1	9.6	9.2	0.008271
19:00	10.2	9.2	12.7	18.3	62.8	56.3	9.4	8.7	0.008018
20:00	10.7	8.3	12.1	18.2	77.2	56.0	9.7	8.2	0.008272
21:00	10.4	7.9	11.2	18.0	85.5	56.5	9.6	8.0	0.008052
22:00	10.0	7.6	10.7	17.7	89.5	60.0	9.4	7.9	0.00786
23:00	9.2	6.4	10.2	17.4	82.7	57.1	8.9	7.3	0.007424
Avg	14.1	13.6	15.7	17.8	76.2	71.0	12.2	11.8	0.010529
Max	16.8	17.0	18.1	18.3	92.4	92.5	14.3	14.4	0.012404
Hr. of Max	07	07	02	19	09	09	07	07	07
Min	9.2	6.4	10.2	17.4	58.7	56.0	8.9	7.3	0.007424
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 04/11/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/10/2015

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	0.011146	17.3	17.3	.00	29.04	983.3	-1.0	.00	217.1
01:00	0.011121	17.3	17.3	.00	29.04	983.6	-.6	.00	216.2
02:00	0.011372	17.7	17.7	.00	29.05	983.9	-2.8	.00	213.9
03:00	0.011489	17.8	17.8	.00	29.03	983.0	-3.4	.00	209.7
04:00	0.011533	17.9	17.9	.00	29.01	982.4	-3.4	.00	215.4
05:00	0.011638	18.0	18.0	.00	29.00	982.0	-3.6	-.01	210.8
06:00	0.011817	18.3	18.3	.04	29.02	982.6	-2.8	.00	218.0
07:00	0.012495	19.2	19.4	.24	29.06	984.0	-.4	.00	220.2
08:00	0.011889	18.4	18.5	.02	29.07	984.5	26.2	.04	223.5
09:00	0.011993	18.6	18.6	.01	29.08	984.9	88.2	.13	213.8
10:00	0.011934	18.7	18.5	.00	29.09	985.1	144.3	.21	220.7
11:00	0.011916	18.7	18.5	.00	29.10	985.4	102.4	.15	218.0
12:00	0.011875	18.7	18.5	.00	29.10	985.6	172.4	.25	220.2
13:00	0.011587	18.1	18.0	.05	29.10	985.4	163.6	.23	258.3
14:00	0.01152	18.4	17.9	.00	29.10	985.5	490.1	.70	265.0
15:00	0.01065	17.0	16.6	.00	29.10	985.5	332.4	.48	274.3
16:00	0.009336	14.9	14.6	.00	29.11	985.7	300.6	.43	279.3
17:00	0.008049	13.0	12.6	.00	29.11	985.8	270.9	.39	270.8
18:00	0.007935	12.9	12.4	.00	29.11	985.9	127.9	.18	262.5
19:00	0.007477	12.5	11.7	.00	29.12	986.1	31.0	.04	261.0
20:00	0.007027	12.9	11.0	.00	29.13	986.6	-1.3	.00	261.2
21:00	0.006843	12.6	10.7	.00	29.15	987.3	-2.4	.00	287.5
22:00	0.006664	12.3	10.5	.00	29.18	988.3	-2.2	.00	267.0
23:00	0.006127	11.7	9.6	.00	29.20	989.0	-2.1	.00	283.2
Avg	0.010226	16.4	15.9	.02	29.09	985.1	92.7	.13	240.0
Max	0.012495	19.2	19.4	.24	29.20	989.0	490.1	.70	287.5
Hr. of Max	07	07	07	07	23	23	14	14	21
Min	0.006127	11.7	9.6	.00	29.00	982.0	-3.6	-.01	209.7
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 04/11/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/10/2015

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	217.7	213.1	222.3	215.0	19.1	15.0	11.7	4.4	6.9
01:00	216.2	212.8	221.3	214.9	21.7	15.6	13.5	5.3	7.6
02:00	216.5	214.0	219.2	215.8	21.0	17.3	14.0	7.0	9.8
03:00	216.3	214.5	215.6	216.6	20.6	16.2	12.5	6.7	9.2
04:00	215.9	212.6	221.1	214.5	21.5	16.8	13.2	6.4	9.3
05:00	214.6	212.2	215.6	214.3	21.0	16.4	13.4	7.1	9.6
06:00	220.7	217.9	222.6	219.9	22.3	16.5	13.0	7.8	11.5
07:00	224.7	222.4	226.8	224.6	20.4	15.2	11.6	9.5	13.4
08:00	227.7	225.5	229.4	227.6	21.0	15.5	11.0	6.1	9.1
09:00	218.7	215.3	218.5	217.7	18.5	14.5	11.4	5.1	7.5
10:00	224.8	220.8	226.6	223.2	21.5	16.1	11.5	5.2	8.0
11:00	221.0	220.5	223.8	222.5	22.6	15.6	13.2	4.5	6.9
12:00	226.3	222.9	225.6	225.2	21.0	15.9	12.5	6.2	8.9
13:00	264.3	265.6	262.4	265.5	30.0	23.9	21.2	4.8	6.6
14:00	275.6	280.3	269.6	279.8	31.6	25.5	21.0	3.4	4.8
15:00	282.4	285.0	278.0	283.6	28.2	26.2	21.2	4.4	5.9
16:00	287.6	291.7	284.6	290.2	33.6	30.0	21.3	4.3	6.0
17:00	281.5	286.8	275.2	285.5	27.8	22.4	20.8	4.9	6.3
18:00	273.3	278.1	265.5	277.5	23.8	21.3	17.9	3.2	4.4
19:00	274.2	281.8	264.7	282.1	33.0	27.6	22.1	2.4	3.7
20:00	274.0	281.8	264.8	281.3	12.4	11.4	9.6	2.5	4.4
21:00	294.9	296.3	289.3	293.3	14.1	11.8	6.9	2.3	4.3
22:00	279.7	283.4	270.8	282.6	11.5	9.7	7.3	2.6	4.9
23:00	296.1	299.4	285.9	296.4	19.0	14.2	9.5	2.9	5.2
Avg	247.0	247.0	245.0	248.0	22.4	17.9	14.2	.0	.0
Max	296.1	299.4	289.3	296.4	33.6	30.0	22.1	9.5	13.4
Hr. of Max	23	23	21	23	16	16	19	07	07
Min	214.6	212.2	215.6	214.3	11.5	9.7	6.9	2.3	3.7
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 04/11/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/10/2015

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	9.2	4.7	7.1	9.4	5.2	10.0	-.1	.3	-.10
01:00	9.9	5.6	7.9	10.2	6.2	10.9	.5	.6	-.13
02:00	12.5	7.4	10.2	12.9	8.0	13.7	.9	.6	-.15
03:00	11.7	7.0	9.5	11.9	7.6	12.7	2.1	.8	.08
04:00	11.8	6.9	9.7	12.1	7.6	12.9	.7	-.7	-.09
05:00	12.3	7.5	10.0	12.6	8.1	13.4	1.1	.8	-.01
06:00	14.2	8.3	11.9	14.5	9.3	15.5	1.1	1.5	-.14
07:00	16.8	10.1	13.8	17.2	10.8	18.1	.5	1.2	-.22
08:00	12.1	6.4	9.3	12.3	7.0	13.1	.8	1.9	-.03
09:00	9.9	5.4	7.8	10.1	5.8	10.7	1.3	1.3	-.06
10:00	10.4	5.6	8.3	10.6	6.4	11.3	1.7	1.2	.01
11:00	8.5	4.8	7.1	8.7	5.4	9.4	2.3	1.4	.01
12:00	11.1	6.6	9.2	11.3	7.3	12.1	1.3	2.3	-.10
13:00	8.5	6.1	8.2	10.6	6.7	11.0	-.4	-.8	-.16
14:00	5.9	3.9	5.3	6.3	4.3	6.6	1.3	1.2	-.08
15:00	7.5	5.2	7.0	8.6	5.7	9.1	.0	-2.6	-.31
16:00	7.9	4.8	6.5	8.4	5.4	8.8	.1	-2.6	-.30
17:00	7.2	5.4	6.7	7.7	5.9	8.1	-4.7	-2.4	-.61
18:00	5.4	3.5	4.8	5.6	4.0	5.9	-1.0	-1.3	-.20
19:00	5.0	2.6	4.0	5.3	3.0	5.6	2.1	-.5	.02
20:00	6.1	2.6	4.5	6.2	3.0	6.3	-1.9	-.5	-.12
21:00	7.0	2.4	4.4	7.0	2.5	6.7	-3.6	-1.8	-.18
22:00	6.9	2.7	5.0	7.0	3.0	6.9	-1.5	1.1	-.09
23:00	8.1	3.0	5.4	8.2	3.2	7.8	-3.0	-2.4	-.23
Avg	.0	5.4	7.7	9.8	5.9	10.3	.1	.0	-.13
Max	16.8	10.1	13.8	17.2	10.8	18.1	2.3	2.3	.08
Hr. of Max	07	07	07	07	07	07	11	12	03
Min	5.0	2.4	4.0	5.3	2.5	5.6	-4.7	-2.6	-.61
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 04/11/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/10/2015

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	-.06	17.9	20.2	24.0	15.2	20.1	13.6	8.7
01:00	-.05	14.9	22.2	25.2	16.2	26.2	15.8	10.7
02:00	-.03	20.2	22.7	24.7	22.6	27.1	16.6	9.7
03:00	.02	16.9	23.1	27.0	18.9	26.0	15.8	9.9
04:00	-.31	16.9	20.8	24.3	18.2	26.3	14.9	9.6
05:00	-.05	18.3	20.8	25.4	19.0	26.9	15.2	11.0
06:00	.22	18.5	27.0	27.5	20.7	29.7	15.6	10.3
07:00	.24	29.8	35.0	41.7	28.7	87.0	14.9	8.8
08:00	.32	18.1	27.5	30.2	17.4	23.8	15.2	8.7
09:00	.11	13.3	17.9	21.1	15.7	20.0	14.9	8.9
10:00	.12	16.9	23.1	27.7	14.8	21.7	16.2	8.1
11:00	.13	12.8	14.9	16.7	16.3	17.9	17.0	9.6
12:00	.27	19.9	21.3	23.1	22.1	24.5	15.2	10.5
13:00	-.35	27.5	33.4	26.3	19.7	24.1	17.6	11.2
14:00	-.13	10.1	11.9	16.5	10.8	14.0	20.3	16.9
15:00	-.87	18.1	18.3	19.7	16.9	23.0	20.2	15.8
16:00	-.82	14.7	19.7	22.9	15.5	22.7	21.0	16.2
17:00	-.57	14.4	14.4	16.3	15.3	17.1	16.8	15.7
18:00	-.28	15.3	18.5	18.8	10.3	15.5	16.0	13.1
19:00	-.22	8.2	10.5	13.5	9.3	14.9	20.1	15.4
20:00	-.10	6.9	9.4	15.3	6.8	10.6	9.2	7.8
21:00	-.24	5.0	10.1	13.1	5.5	10.4	10.3	6.0
22:00	.09	7.1	9.2	11.2	6.9	11.2	8.1	5.8
23:00	-.41	7.1	11.0	15.8	7.3	13.0	13.4	7.4
Avg	-.12	15.4	19.3	22.0	15.4	23.1	15.6	10.7
Max	.32	29.8	35.0	41.7	28.7	87.0	21.0	16.9
Hr. of Max	08	07	07	07	07	07	16	14
Min	-.87	5.0	9.2	11.2	5.5	10.4	8.1	5.8
Count	24	24	24	24	24	24	24	24
Total								