Date Printed: 04/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/3/2015

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	15.0	16.0	16.0	16.1	.99	1.04	1.13	.05	.15
01:00	14.1	15.5	15.7	15.8	1.36	1.53	1.63	.16	.27
02:00	13.8	15.2	15.3	15.4	1.37	1.51	1.62	.14	.25
03:00	13.6	14.9	15.3	15.4	1.36	1.71	1.86	.36	.51
04:00	13.6	14.6	14.9	15.0	1.06	1.32	1.44	.26	.38
05:00	13.2	14.2	14.9	15.3	1.01	1.72	2.04	.71	1.03
06:00	13.1	15.0	15.5	15.8	1.97	2.42	2.76	.45	.79
07:00	12.9	15.0	15.6	16.0	2.03	2.69	3.08	.66	1.06
08:00	13.7	15.2	15.9	16.2	1.53	2.20	2.48	.67	.96
09:00	15.8	15.9	15.8	15.8	.15	.05	.06	-.11	-.09
10:00	16.3	16.1	15.9	15.9	-.11	-.31	-.32	-.20	-.20
11:00	18.9	18.8	18.5	18.5	-.17	-.39	-.45	-.22	-.28
12:00	20.4	20.2	19.9	19.9	-.23	-.49	-.58	-.27	-.35
13:00	22.0	21.5	21.2	21.1	-.47	-.80	-.90	-.33	-.43
14:00	22.7	22.2	21.9	21.8	-.49	-.81	-.95	-.32	-.46
15:00	24.1	23.6	23.2	23.1	-.54	-.88	-1.02	-.34	-.47
16:00	24.3	24.0	23.7	23.6	-.31	-.58	-.69	-.27	-.37
17:00	25.5	25.2	24.9	24.8	-.28	-.58	-.70	-.29	-.42
18:00	21.3	21.8	22.1	22.5	.56	.82	1.27	.26	.71
19:00	21.3	22.6	23.0	23.4	1.32	1.70	2.06	.38	.74
20:00	18.2	19.0	19.2	19.5	.79	1.00	1.31	.22	.53
21:00	17.3	17.4	17.4	17.5	.13	.13	.22	.00	.09
22:00	17.3	17.4	17.4	17.5	.10	.05	.16	-.04	.06
23:00	16.0	16.0	15.9	15.9	.05	-.06	-.04	-.10	-.08
Avg	17.7	18.2	18.3	18.4	.55	.62	.73	.08	.18
Max	25.5	25.2	24.9	24.8	2.03	2.69	3.08	.71	1.06
Hr. of Max	17	17	17	17	07	07	07	05	07
Min	12.9	14.2	14.9	15.0	-.54	-.88	-1.02	-.34	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 04/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/3/2015

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	12.7	12.6	13.4	14.7	87.3	81.6	11.0	11.0	0.009388
01:00	12.3	12.6	12.9	14.6	90.3	84.4	10.8	11.0	0.00919
02:00	12.2	12.5	12.7	14.5	91.5	85.4	10.8	10.9	0.009123
03:00	12.1	12.4	12.6	14.4	92.3	86.4	10.7	10.9	0.00907
04:00	12.1	12.4	12.6	14.3	92.3	88.0	10.7	10.9	0.009086
05:00	11.9	12.5	12.4	14.2	93.1	90.7	10.6	11.0	0.008957
06:00	11.8	12.7	12.2	14.1	93.2	87.1	10.5	11.0	0.00887
07:00	11.9	12.5	12.2	14.0	94.7	86.8	10.6	11.0	0.00893
08:00	12.4	12.6	12.8	13.9	93.5	85.5	10.9	11.0	0.009264
09:00	12.8	12.5	13.8	13.8	84.0	81.4	11.1	10.9	0.009514
10:00	12.7	12.5	13.9	13.8	80.9	80.4	11.0	10.9	0.009443
11:00	12.1	11.7	14.4	13.9	65.7	64.8	10.5	10.3	0.009073
12:00	12.2	11.9	15.0	14.0	60.5	60.0	10.6	10.4	0.00919
13:00	12.6	12.3	15.7	14.3	56.4	56.8	10.8	10.6	0.009417
14:00	13.0	12.7	16.2	14.6	55.4	55.8	11.1	10.8	0.0097
15:00	13.3	13.0	16.9	15.0	51.9	52.7	11.2	11.0	0.009903
16:00	13.6	13.4	17.2	15.4	52.6	52.8	11.5	11.3	0.010137
17:00	13.4	13.1	17.4	15.8	48.2	48.2	11.3	11.1	0.010005
18:00	15.1	14.7	17.2	16.0	71.0	66.4	12.8	12.4	0.011219
19:00	14.9	14.1	17.0	16.2	68.7	59.8	12.6	11.8	0.011034
20:00	15.9	15.6	16.7	16.3	88.8	82.5	13.5	13.2	0.011754
21:00	16.2	16.4	16.6	16.7	95.4	95.7	13.8	14.0	0.01196
22:00	16.4	16.6	16.7	16.6	96.2	97.0	13.9	14.1	0.012065
23:00	14.2	14.2	14.8	16.7	90.9	90.6	12.2	12.2	0.010503
Avg	13.2	13.2	14.7	14.9	79.0	75.9	11.4	11.4	0.009866
Max	16.4	16.6	17.4	16.7	96.2	97.0	13.9	14.1	0.012065
Hr. of Max	22	22	17	23	22	22	22	22	22
Min	11.8	11.7	12.2	13.8	48.2	48.2	10.5	10.3	0.00887
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 04/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/3/2015

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	0.009357	14.7	14.6	.00	29.15	987.1	-1.6	.00	227.0
01:00	0.00938	14.4	14.7	.00	29.13	986.4	-.7	.00	247.8
02:00	0.009305	14.2	14.5	.00	29.11	985.8	-1.2	.00	247.1
03:00	0.009275	14.2	14.5	.00	29.10	985.4	-2.3	.00	227.1
04:00	0.009275	14.2	14.5	.00	29.08	984.8	-3.2	.00	215.6
05:00	0.009313	14.0	14.5	.00	29.08	984.8	-3.4	.00	226.0
06:00	0.00942	13.8	14.7	.00	29.09	985.1	-3.0	.00	245.5
07:00	0.009336	13.9	14.6	.00	29.09	985.2	6.5	.01	254.0
08:00	0.009347	14.5	14.6	.00	29.10	985.4	51.7	.07	247.7
09:00	0.009319	14.8	14.5	.00	29.10	985.6	77.1	.11	270.2
10:00	0.009324	14.7	14.6	.00	29.12	986.1	121.1	.17	236.2
11:00	0.008847	14.2	13.8	.00	29.10	985.5	279.3	.40	215.6
12:00	0.008992	14.3	14.0	.00	29.09	985.2	365.8	.52	212.8
13:00	0.009221	14.7	14.4	.00	29.07	984.5	518.9	.74	214.6
14:00	0.009497	15.1	14.8	.00	29.04	983.3	542.7	.78	197.4
15:00	0.009727	15.4	15.1	.00	29.00	982.0	524.8	.75	211.1
16:00	0.009982	15.7	15.5	.00	28.97	981.0	375.6	.54	198.7
17:00	0.009852	15.5	15.3	.00	28.92	979.5	370.0	.53	207.7
18:00	0.010897	17.4	16.9	.03	28.92	979.4	39.2	.06	227.0
19:00	0.01045	17.1	16.2	.03	28.90	978.7	1.7	.00	227.4
20:00	0.011465	18.2	17.7	.45	28.94	979.9	-1.9	.00	289.5
21:00	0.012104	18.5	18.7	.18	28.98	981.5	-2.5	.00	224.6
22:00	0.012241	18.7	19.0	.08	29.00	982.3	-2.3	.00	240.1
23:00	0.010505	16.3	16.3	.07	29.05	983.7	-2.1	.00	269.4
Avg	0.009851	15.4	15.3	.04	29.05	983.7	135.4	.20	232.0
Max	0.012241	18.7	19.0	.45	29.15	987.1	542.7	.78	289.5
Hr. of Max	22	22	22	20	00	00	14	14	20
Min	0.008847	13.8	13.8	.00	28.90	978.7	-3.4	.00	197.4
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 04/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/3/2015

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	226.8	222.7	231.3	224.7	58.3	20.2	12.1	.6	2.1
01:00	239.5	240.8	250.7	242.3	30.1	17.5	13.8	1.3	2.8
02:00	250.1	246.9	249.6	248.5	36.7	18.1	12.1	1.0	2.8
03:00	264.1	266.5	226.6	267.7	32.2	18.8	13.7	.6	2.0
04:00	234.0	248.7	220.0	250.2	9.8	12.9	10.8	2.6	3.3
05:00	249.9	246.2	230.5	247.8	9.0	7.6	5.9	4.0	5.9
06:00	267.1	258.6	248.7	260.3	28.0	15.5	10.3	2.4	4.6
07:00	272.5	266.9	255.8	268.3	37.6	16.6	13.6	1.4	3.5
08:00	275.4	265.8	249.8	267.5	22.3	13.4	10.7	2.3	4.8
09:00	280.0	276.7	272.6	276.9	22.8	17.5	12.5	3.2	5.1
10:00	244.6	246.2	241.1	247.7	23.7	18.4	14.2	3.6	5.1
11:00	219.8	217.4	221.7	219.4	21.8	17.1	13.4	6.8	9.2
12:00	220.0	218.8	218.6	220.9	21.0	16.5	14.2	9.2	11.8
13:00	220.3	218.4	220.9	220.7	22.2	18.3	15.0	9.8	12.7
14:00	204.1	203.8	203.3	205.6	27.9	21.2	17.7	8.0	10.7
15:00	215.8	212.8	216.8	214.8	25.3	20.8	17.5	8.9	11.3
16:00	204.1	203.4	204.6	205.3	22.6	19.5	16.8	9.5	12.2
17:00	213.4	211.6	213.2	213.6	24.7	19.9	16.1	10.3	13.9
18:00	225.4	217.5	232.2	219.5	19.4	13.6	10.8	6.9	10.8
19:00	221.8	212.1	232.4	214.3	37.5	42.2	40.4	4.0	6.8
20:00	294.2	292.3	291.7	290.5	44.8	37.4	34.0	4.6	7.1
21:00	234.6	238.1	230.7	240.7	50.3	39.2	25.5	2.9	4.5
22:00	241.0	233.1	245.0	235.6	22.0	16.7	13.9	3.0	5.2
23:00	278.7	281.7	273.3	280.7	28.1	21.0	16.6	5.9	8.7
Avg	241.0	239.0	236.0	240.0	28.3	20.0	15.9	.0	.0
Max	294.2	292.3	291.7	290.5	58.3	42.2	40.4	10.3	13.9
Hr. of Max	20	20	20	20	00	19	19	17	17
Min	204.1	203.4	203.3	205.3	9.0	7.6	5.9	.6	2.0
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 04/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/3/2015

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	3.5	.8	2.3	3.5	1.3	3.9	1.5	1.0	.02
01:00	3.7	1.4	2.8	3.7	1.9	4.1	1.1	.9	.02
02:00	4.4	1.4	3.1	4.6	1.8	4.9	-.5	1.0	-.03
03:00	3.5	.7	2.1	3.6	1.2	3.9	.2	2.7	.00
04:00	4.3	2.7	3.4	4.4	3.1	4.8	-.1	.6	-.02
05:00	8.2	4.1	5.9	8.3	4.5	8.8	-1.1	1.1	-.09
06:00	6.9	2.8	4.8	7.1	3.2	7.5	1.5	1.9	.04
07:00	5.7	1.6	3.7	6.0	2.0	6.2	.4	1.2	-.01
08:00	7.1	2.5	4.9	7.3	2.9	7.5	.2	1.9	-.01
09:00	7.0	3.6	5.4	7.4	3.9	7.6	-1.2	-.2	-.24
10:00	6.7	4.1	5.9	7.8	4.7	8.2	1.8	.7	-.04
11:00	11.4	7.3	9.6	11.7	7.9	12.5	.4	.5	-.14
12:00	13.9	9.8	12.4	14.3	10.7	15.3	.8	.4	-.14
13:00	14.9	10.4	13.3	15.4	11.2	16.3	.2	-.2	-.30
14:00	12.5	9.0	11.5	13.1	9.8	13.9	.9	1.7	-.16
15:00	13.6	9.7	12.1	14.3	10.4	15.1	.3	.7	-.19
16:00	14.2	10.3	12.9	14.8	10.9	15.6	.2	.2	-.18
17:00	16.9	11.3	14.7	17.6	12.2	18.7	1.4	2.5	.01
18:00	14.1	7.5	11.2	14.4	8.1	15.3	-1.3	.9	-.24
19:00	9.4	5.8	9.0	11.5	6.4	12.3	-1.0	-.9	-.27
20:00	9.8	7.0	10.3	13.6	7.7	14.1	-1.2	-.4	-.51
21:00	5.9	3.8	5.7	7.4	4.4	8.1	2.1	1.5	.01
22:00	7.2	3.2	5.5	7.5	3.6	8.0	1.1	1.2	-.02
23:00	11.3	6.7	9.3	11.9	7.5	12.2	-1.4	-1.8	-.41
Avg	.0	5.3	7.6	9.6	5.9	10.2	.3	.8	-.12
Max	16.9	11.3	14.7	17.6	12.2	18.7	2.1	2.7	.04
Hr. of Max	17	17	17	17	17	17	21	03	06
Min	3.5	.7	2.1	3.5	1.2	3.9	-1.4	-1.8	-.51
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 04/04/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/3/2015

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	.05	4.1	6.9	8.0	3.3	8.1	15.5	5.4
01:00	.07	3.7	5.5	7.8	4.0	8.2	5.9	4.6
02:00	.09	5.0	7.3	15.1	4.5	11.3	9.1	4.8
03:00	.14	3.4	6.2	11.2	4.1	7.5	12.9	7.8
04:00	.03	5.3	5.3	7.6	5.7	8.6	3.8	5.0
05:00	.14	8.9	9.8	13.1	6.9	12.9	4.0	4.2
06:00	.22	9.2	13.3	20.2	9.8	14.7	11.9	7.0
07:00	.10	6.2	11.7	13.7	6.3	12.5	14.5	7.7
08:00	.21	5.7	13.3	15.1	6.6	12.6	10.9	7.3
09:00	-.13	9.4	11.4	12.6	9.0	13.5	16.0	9.6
10:00	-.03	10.8	13.3	15.8	11.9	16.3	16.1	9.6
11:00	-.03	19.7	22.2	27.2	23.0	25.8	15.5	10.5
12:00	-.07	23.4	27.7	28.4	25.4	30.8	14.9	10.1
13:00	-.31	29.1	33.0	43.5	28.3	35.3	15.3	10.5
14:00	.10	25.4	28.2	27.0	25.6	28.5	16.3	13.2
15:00	-.07	26.8	31.1	33.9	21.6	27.8	15.4	11.1
16:00	-.19	21.5	30.7	30.9	23.6	28.4	14.3	11.2
17:00	.41	28.9	32.5	38.0	33.8	41.2	15.9	12.0
18:00	.15	27.7	32.5	33.0	31.6	36.5	12.3	7.3
19:00	-.23	17.6	31.4	31.6	22.1	62.7	13.5	10.7
20:00	-.41	30.5	37.1	44.7	34.1	44.8	17.6	12.0
21:00	.06	19.7	27.0	36.9	19.9	24.2	14.6	9.4
22:00	.16	11.2	13.1	14.7	12.7	15.6	13.1	5.4
23:00	-.66	18.5	20.4	22.7	19.1	24.8	17.0	12.1
Avg	-.01	15.5	19.6	23.0	16.4	23.0	13.2	8.7
Max	.41	30.5	37.1	44.7	34.1	62.7	17.6	13.2
Hr. of Max	17	20	20	20	20	19	20	14
Min	-.66	3.4	5.3	7.6	3.3	7.5	3.8	4.2
Count	24	24	24	24	24	24	24	24
Total								