Date Printed: 02/25/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/24/2017

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	11.6	14.0	16.8	17.5	2.39	5.18	5.88	2.79	3.49
01:00	11.2	13.2	15.5	17.0	1.95	4.33	5.79	2.38	3.84
02:00	10.7	12.7	15.7	17.1	2.03	5.06	6.39	3.03	4.35
03:00	10.0	12.1	15.0	16.5	2.08	4.99	6.50	2.91	4.42
04:00	9.6	11.7	14.0	16.0	2.05	4.32	6.38	2.27	4.33
05:00	9.3	11.4	13.3	14.7	2.12	4.01	5.42	1.89	3.30
06:00	8.9	10.7	12.5	14.3	1.78	3.57	5.44	1.79	3.65
07:00	8.7	10.6	11.9	14.1	1.81	3.20	5.40	1.38	3.59
08:00	11.2	11.7	13.1	14.4	.45	1.84	3.21	1.40	2.76
09:00	16.4	16.3	16.5	16.5	-.09	.02	.12	.11	.20
10:00	20.1	19.7	19.4	19.3	-.40	-.68	-.80	-.27	-.39
11:00	20.0	19.6	19.4	19.3	-.40	-.65	-.76	-.25	-.36
12:00	22.1	21.5	21.3	21.1	-.52	-.80	-.92	-.28	-.40
13:00	23.5	22.9	22.6	22.4	-.62	-.90	-1.05	-.28	-.43
14:00	24.0	23.6	23.3	23.2	-.45	-.74	-.88	-.29	-.43
15:00	25.0	24.5	24.1	24.0	-.50	-.83	-.97	-.33	-.47
16:00	25.3	24.9	24.6	24.4	-.43	-.72	-.88	-.30	-.45
17:00	24.5	24.5	24.3	24.2	-.02	-.24	-.31	-.22	-.29
18:00	22.7	23.2	23.2	23.3	.44	.46	.57	.03	.14
19:00	22.1	22.6	22.6	22.7	.46	.50	.61	.04	.15
20:00	21.9	22.2	22.1	22.2	.36	.28	.30	-.08	-.06
21:00	20.9	21.4	21.4	21.4	.48	.42	.46	-.06	-.02
22:00	20.9	21.2	21.2	21.2	.28	.22	.25	-.07	-.03
23:00	20.6	21.0	20.9	21.0	.41	.36	.41	-.04	.01
Avg	17.6	18.2	18.9	19.5	.65	1.38	1.94	.73	1.29
Max	25.3	24.9	24.6	24.4	2.39	5.18	6.50	3.03	4.42
Hr. of Max	16	16	16	16	00	00	03	02	03
Min	8.7	10.6	11.9	14.1	-.62	-.90	-1.05	-.33	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 02/25/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/24/2017

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	11.1	12.9	11.3	13.8	97.7	94.8	10.1	11.3	0.008503
01:00	10.7	12.5	10.8	13.6	97.6	97.2	9.8	11.0	0.00827
02:00	10.1	12.0	10.3	13.4	97.6	97.1	9.5	10.7	0.007976
03:00	9.5	11.2	9.7	13.3	97.6	95.6	9.1	10.1	0.007634
04:00	9.1	11.1	9.3	13.1	97.6	97.3	8.9	10.0	0.007437
05:00	8.8	10.9	8.9	12.9	97.6	97.9	8.7	9.9	0.00726
06:00	8.4	10.3	8.5	12.8	97.6	98.5	8.5	9.5	0.007066
07:00	8.2	10.2	8.4	12.6	97.5	98.6	8.4	9.5	0.00699
08:00	10.1	9.6	10.5	12.5	94.5	88.6	9.5	9.1	0.007984
09:00	11.3	10.1	13.0	12.4	73.0	67.9	10.0	9.3	0.00862
10:00	11.7	11.3	14.5	12.4	59.8	59.6	10.3	10.0	0.008928
11:00	11.7	11.3	14.5	12.7	59.7	59.6	10.2	10.0	0.008899
12:00	12.1	11.6	15.4	12.9	54.4	54.4	10.4	10.1	0.009174
13:00	11.5	11.1	15.5	13.3	48.0	48.5	10.0	9.8	0.008854
14:00	11.4	10.9	15.6	13.7	45.9	45.8	9.9	9.6	0.00878
15:00	10.8	10.3	15.5	14.0	41.9	41.8	9.5	9.2	0.008456
16:00	10.7	10.2	15.6	14.3	40.9	40.6	9.5	9.2	0.008444
17:00	10.8	10.4	15.4	14.5	43.1	42.1	9.5	9.3	0.008474
18:00	10.8	10.6	14.8	14.7	48.0	46.1	9.6	9.5	0.008473
19:00	10.8	10.6	14.6	14.8	49.8	47.6	9.6	9.4	0.008465
20:00	10.7	10.5	14.4	14.8	50.2	48.4	9.6	9.4	0.008406
21:00	10.6	10.4	14.0	14.7	52.5	50.4	9.5	9.4	0.008318
22:00	10.6	10.4	14.0	14.7	52.6	51.1	9.5	9.4	0.008326
23:00	10.5	10.3	13.9	14.6	53.6	51.6	9.5	9.3	0.008297
Avg	10.5	10.9	12.9	13.6	68.7	67.5	9.5	9.8	0.008251
Max	12.1	12.9	15.6	14.8	97.7	98.6	10.4	11.3	0.009174
Hr. of Max	12	00	16	20	00	07	12	00	12
Min	8.2	9.6	8.4	12.4	40.9	40.6	8.4	9.1	0.00699
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 02/25/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/24/2017

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	0.009639	13.2	14.9	.00	28.93	979.6	-2.3	.00	125.2
01:00	0.009362	12.9	14.5	.00	28.92	979.5	-1.9	.00	84.5
02:00	0.009078	12.4	14.1	.00	28.92	979.4	-2.1	.00	83.7
03:00	0.008586	11.9	13.3	.00	28.92	979.3	-2.5	.00	97.1
04:00	0.008499	11.6	13.2	.00	28.93	979.6	-2.5	.00	98.0
05:00	0.008392	11.3	13.0	.00	28.94	980.1	-2.2	.00	85.6
06:00	0.00804	11.0	12.5	.00	28.95	980.3	-2.3	.00	84.4
07:00	0.007982	10.9	12.4	.00	28.96	980.6	24.8	.04	77.8
08:00	0.007698	12.4	12.0	.00	28.96	980.7	229.2	.33	90.6
09:00	0.007999	13.4	12.5	.00	28.97	981.0	412.2	.59	177.5
10:00	0.008679	13.9	13.5	.00	28.96	980.8	384.6	.55	206.2
11:00	0.008677	13.8	13.5	.00	28.95	980.3	272.3	.39	243.2
12:00	0.008891	14.2	13.8	.00	28.91	979.2	483.5	.69	211.0
13:00	0.008611	13.7	13.4	.00	28.87	977.7	543.1	.78	200.0
14:00	0.008518	13.6	13.2	.00	28.84	976.7	434.4	.62	194.0
15:00	0.008187	13.1	12.7	.00	28.82	975.9	485.9	.70	210.3
16:00	0.008172	13.1	12.6	.00	28.80	975.3	390.1	.56	200.7
17:00	0.008278	13.1	12.8	.00	28.79	974.8	157.7	.23	212.6
18:00	0.008355	13.1	12.9	.00	28.79	975.1	6.2	.01	223.6
19:00	0.008327	13.1	12.9	.00	28.80	975.5	-3.4	.00	216.1
20:00	0.008295	13.0	12.8	.00	28.81	975.6	-3.0	.00	205.8
21:00	0.008221	12.9	12.7	.00	28.81	975.6	-3.1	.00	208.4
22:00	0.008234	12.9	12.7	.00	28.79	975.0	-1.8	.00	215.4
23:00	0.008197	12.8	12.7	.00	28.77	974.2	-1.1	.00	212.6
Avg	0.008455	12.8	13.1	.00	28.88	978.0	158.2	.23	172.0
Max	0.009639	14.2	14.9	.00	28.97	981.0	543.1	.78	243.2
Hr. of Max	00	12	00	23	09	09	13	13	11
Min	0.007698	10.9	12.0	.00	28.77	974.2	-3.4	.00	77.8
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 02/25/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/24/2017

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	249.9	205.5	198.4	200.9	10.1	19.7	8.6	.0	2.2
01:00	302.8	206.8	62.5	202.3	9.0	51.9	9.7	.2	.1
02:00	210.6	199.7	69.5	195.0	12.9	32.2	8.5	.3	.9
03:00	241.2	218.5	95.7	214.6	13.2	17.6	10.1	.3	1.8
04:00	234.8	257.6	128.4	253.3	5.7	10.1	7.4	.1	1.3
05:00	199.5	234.0	67.1	229.7	14.4	34.8	12.9	.2	1.7
06:00	23.0	243.1	82.4	241.7	9.3	8.1	45.3	.4	1.2
07:00	69.6	336.2	57.2	335.1	16.2	18.6	27.0	.5	1.8
08:00	38.0	32.7	85.9	18.5	14.8	23.0	38.0	.6	1.5
09:00	246.4	232.7	199.9	228.6	31.3	23.4	17.2	1.4	2.5
10:00	216.9	210.8	206.8	206.1	27.8	23.7	20.4	6.4	8.4
11:00	249.6	245.7	245.7	241.3	29.4	23.3	21.1	4.4	5.6
12:00	219.3	215.5	212.3	211.0	27.8	23.9	20.0	6.6	8.3
13:00	206.0	204.4	200.2	200.0	27.4	21.6	19.2	8.4	11.1
14:00	202.7	200.8	195.0	196.7	29.3	24.1	20.6	7.0	8.9
15:00	215.2	212.4	210.1	208.2	23.8	19.2	16.9	9.3	11.6
16:00	208.2	205.5	201.9	200.7	25.0	21.6	19.2	6.6	8.4
17:00	220.1	217.4	213.1	213.1	20.3	17.3	14.0	7.3	9.6
18:00	228.3	222.8	225.7	219.1	16.7	11.1	8.2	5.2	7.9
19:00	221.4	216.3	217.2	212.4	22.1	14.7	10.8	5.7	8.7
20:00	206.9	197.7	209.4	193.0	28.3	20.3	15.6	3.3	5.0
21:00	207.2	195.6	214.8	190.7	31.7	23.9	17.0	3.1	5.0
22:00	214.6	204.1	218.5	199.1	24.3	21.1	16.8	4.4	6.2
23:00	214.5	204.5	216.2	199.7	25.5	19.4	14.9	4.2	6.4
Avg	223.0	218.0	183.0	214.0	20.7	21.9	17.5	.0	.0
Max	302.8	336.2	245.7	335.1	31.7	51.9	45.3	9.3	11.6
Hr. of Max	01	07	11	07	21	01	06	15	15
Min	23.0	32.7	57.2	18.5	5.7	8.1	7.4	.0	.1
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 02/25/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/24/2017

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	4.2	.0	2.4	4.3	.6	4.6	3.2	-1.6	.05
01:00	4.0	.2	.3	4.1	.6	4.3	2.6	-1.6	.04
02:00	5.2	.3	1.0	5.3	.7	5.5	3.0	-1.5	.05
03:00	4.5	.3	1.9	4.8	.8	5.1	1.6	-.4	.02
04:00	4.4	.1	1.4	4.6	.4	4.8	2.5	1.2	.03
05:00	2.8	.3	1.9	2.9	.6	3.2	2.5	-.6	.03
06:00	.9	.4	1.2	1.2	.9	1.4	2.8	-1.5	.04
07:00	.9	.5	1.8	1.3	1.0	1.6	2.1	.3	.02
08:00	.3	.6	1.6	.7	1.0	1.0	2.0	1.8	.03
09:00	3.3	1.7	2.7	3.5	2.2	3.8	1.9	-.9	.11
10:00	10.0	7.0	9.0	10.6	7.8	11.3	2.5	2.2	.09
11:00	6.8	4.9	6.1	7.2	5.4	7.8	.2	-2.4	-.18
12:00	10.1	7.3	9.0	10.7	7.8	11.5	3.6	1.4	.24
13:00	13.0	9.4	11.9	13.6	10.1	14.5	3.2	.6	.25
14:00	10.9	7.8	9.7	11.7	8.3	12.4	3.7	.2	.25
15:00	13.7	10.1	12.4	14.4	10.7	15.2	1.9	-.1	.06
16:00	9.8	7.4	9.2	10.5	7.8	11.2	1.5	.2	.01
17:00	11.5	7.9	10.1	11.9	8.6	12.6	.9	.0	-.08
18:00	10.1	5.4	8.1	10.2	5.9	10.8	-.3	-1.4	-.16
19:00	11.6	6.0	9.0	11.8	6.6	12.4	1.3	-1.4	-.02
20:00	6.9	3.6	5.2	7.1	4.0	7.6	1.4	-1.9	.00
21:00	7.5	3.5	5.4	7.8	4.1	8.2	2.5	-2.6	.05
22:00	8.4	4.8	6.6	8.7	5.3	9.2	-.3	-1.8	-.11
23:00	8.6	4.6	6.8	8.9	5.1	9.4	1.7	-1.2	-.03
Avg	.0	3.9	5.6	7.4	4.4	7.9	2.0	-.5	.03
Max	13.7	10.1	12.4	14.4	10.7	15.2	3.7	2.2	.25
Hr. of Max	15	15	15	15	15	15	14	10	14
Min	.3	.0	.3	.7	.4	1.0	-.3	-2.6	-.18
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 02/25/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/24/2017

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	86_SonicTemp_015m	87_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	-.14	1.1	5.7	9.6	12.9	5.4	14.6	18.0
01:00	-.14	2.1	6.0	10.3	15.1	6.9	13.8	17.5
02:00	-.19	2.1	6.6	10.1	17.6	6.7	13.3	17.5
03:00	-.04	2.1	4.8	8.9	13.4	5.7	12.6	17.0
04:00	.08	1.1	3.4	10.3	9.2	4.3	12.2	16.5
05:00	-.03	2.5	5.5	8.9	7.0	5.1	11.9	15.2
06:00	-.03	1.6	2.1	3.7	6.9	6.7	11.2	14.8
07:00	.00	2.5	3.0	6.2	11.3	13.8	11.1	14.6
08:00	.03	2.5	3.4	3.4	13.2	13.6	12.3	14.9
09:00	-.06	7.1	8.0	8.0	22.3	14.5	17.0	16.6
10:00	-.02	21.3	25.6	28.2	18.6	15.8	20.2	19.5
11:00	-.48	22.4	23.8	23.8	16.4	14.2	20.3	19.5
12:00	.04	19.0	24.3	25.0	18.6	14.8	22.1	21.3
13:00	-.24	27.7	30.5	29.5	17.6	14.8	23.3	22.5
14:00	-.25	18.8	22.9	23.4	18.3	14.3	24.1	23.2
15:00	-.37	26.1	29.3	30.2	15.9	13.3	24.8	24.0
16:00	-.27	24.7	31.4	22.4	17.2	15.2	25.3	24.5
17:00	-.22	19.5	21.3	24.3	14.8	11.1	25.0	24.3
18:00	-.35	16.5	22.0	29.8	11.7	6.1	23.7	23.6
19:00	-.43	14.9	17.9	21.8	14.4	8.0	23.2	23.0
20:00	-.42	12.6	13.3	20.4	17.8	12.8	22.8	22.4
21:00	-.54	11.2	12.4	15.8	20.3	12.6	22.1	21.7
22:00	-.43	13.5	16.9	17.9	16.5	13.5	21.9	21.5
23:00	-.39	11.4	14.7	17.4	17.5	12.0	21.6	21.3
Avg	-.20	11.8	14.8	17.1	15.2	10.9	18.8	19.8
Max	.08	27.7	31.4	30.2	22.3	15.8	25.3	24.5
Hr. of Max	04	13	16	15	09	10	16	16
Min	-.54	1.1	2.1	3.4	6.9	4.3	11.1	14.6
Count	24	24	24	24	24	24	24	24
Total								