Date Printed: 01/12/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/11/2017

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	6.7	8.1	8.5	8.9	1.40	1.84	2.23	.44	.83
01:00	7.1	8.4	8.8	8.9	1.27	1.64	1.81	.37	.54
02:00	7.5	8.4	8.8	9.0	.90	1.28	1.53	.38	.63
03:00	8.0	8.7	8.8	9.0	.71	.86	1.02	.15	.30
04:00	8.2	8.7	8.8	9.1	.46	.59	.86	.13	.40
05:00	8.3	8.9	9.0	9.1	.54	.68	.80	.14	.26
06:00	8.4	8.9	9.0	9.2	.46	.52	.78	.05	.32
07:00	8.7	9.1	9.2	9.3	.47	.49	.62	.02	.15
08:00	8.9	9.4	9.5	9.5	.55	.57	.60	.02	.05
09:00	9.3	9.7	9.7	9.7	.41	.42	.43	.01	.02
10:00	9.6	9.8	9.7	9.7	.15	.10	.05	-.05	-.10
11:00	10.0	10.0	10.0	10.0	.06	.03	.05	-.03	-.01
12:00	10.3	10.4	10.4	10.6	.04	.07	.23	.03	.20
13:00	11.0	11.0	10.9	10.8	-.04	-.14	-.15	-.10	-.11
14:00	11.4	11.3	11.2	11.2	-.04	-.12	-.13	-.08	-.09
15:00	11.4	11.4	11.5	11.7	.02	.04	.26	.02	.25
16:00	12.0	12.8	13.1	13.5	.85	1.13	1.53	.27	.67
17:00	12.9	13.9	14.1	14.3	.93	1.13	1.36	.20	.42
18:00	14.7	15.0	15.0	15.0	.28	.22	.28	-.06	.00
19:00	15.0	15.2	15.2	15.2	.28	.19	.25	-.09	-.03
20:00	14.3	14.8	14.7	14.7	.45	.39	.38	-.07	-.07
21:00	12.3	13.8	14.3	14.4	1.55	2.05	2.14	.50	.59
22:00	11.3	12.9	13.8	14.3	1.62	2.58	3.05	.96	1.43
23:00	11.1	12.7	13.6	14.1	1.55	2.51	2.96	.96	1.41
Avg	10.4	11.0	11.2	11.3	.62	.79	.96	.17	.34
Max	15.0	15.2	15.2	15.2	1.62	2.58	3.05	.96	1.43
Hr. of Max	19	19	19	19	22	22	22	23	22
Min	6.7	8.1	8.5	8.9	-.04	-.14	-.15	-.10	-.11
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/11/2017

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	6.1	7.7	6.3	5.5	97.2	98.5	7.3	8.1	0.005982
01:00	6.6	8.0	6.7	5.5	97.2	98.7	7.5	8.3	0.006162
02:00	6.9	8.1	7.1	5.6	97.2	98.8	7.7	8.3	0.006323
03:00	7.4	8.4	7.6	5.7	97.1	99.0	7.9	8.5	0.006524
04:00	7.6	8.4	7.8	5.8	97.2	99.0	8.1	8.5	0.006632
05:00	7.7	8.5	7.9	5.9	97.2	99.1	8.1	8.6	0.006688
06:00	7.9	8.6	8.1	6.0	97.3	99.1	8.2	8.6	0.006745
07:00	8.1	8.8	8.3	6.0	97.2	99.1	8.3	8.7	0.006852
08:00	8.3	9.1	8.5	6.1	97.3	99.2	8.4	8.9	0.006955
09:00	8.7	9.4	8.9	6.2	97.3	99.2	8.6	9.0	0.007129
10:00	9.1	9.5	9.3	6.3	97.5	99.1	8.9	9.1	0.007325
11:00	9.4	9.7	9.6	6.4	97.6	99.1	9.1	9.2	0.007508
12:00	9.8	10.0	10.0	6.5	97.7	99.1	9.3	9.4	0.007697
13:00	10.5	10.6	10.6	6.6	97.9	99.1	9.7	9.8	0.008075
14:00	10.9	10.9	11.0	6.8	98.1	98.8	9.9	10.0	0.008299
15:00	10.9	11.1	11.1	6.9	97.8	98.8	9.9	10.0	0.008311
16:00	11.4	11.9	11.6	7.1	97.8	95.2	10.3	10.6	0.008629
17:00	12.2	11.4	12.5	7.2	97.0	86.6	10.8	10.2	0.009101
18:00	12.5	12.2	13.3	7.3	88.1	84.8	11.0	10.7	0.009288
19:00	12.4	12.3	13.3	7.4	86.1	83.7	10.9	10.8	0.009217
20:00	12.2	12.0	12.9	7.6	88.0	84.5	10.7	10.6	0.009049
21:00	11.5	11.9	11.7	7.7	96.1	89.5	10.3	10.5	0.008635
22:00	10.7	12.2	10.9	7.8	97.5	97.1	9.8	10.8	0.008193
23:00	10.6	12.2	10.8	7.8	97.5	98.4	9.7	10.8	0.008131
Avg	9.6	10.1	9.8	6.6	96.1	96.0	9.2	9.5	0.007644
Max	12.5	12.3	13.3	7.8	98.1	99.2	11.0	10.8	0.009288
Hr. of Max	18	19	19	23	14	09	18	23	18
Min	6.1	7.7	6.3	5.5	86.1	83.7	7.3	8.1	0.005982
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/11/2017

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	0.006675	9.5	10.5	.00	29.30	992.2	-3.2	.00	263.7
01:00	0.006826	9.7	10.8	.12	29.30	992.1	-3.3	.00	137.8
02:00	0.006841	10.0	10.8	.06	29.30	992.4	-3.8	-.01	88.0
03:00	0.00698	10.3	11.0	.09	29.31	992.5	-2.4	.00	47.9
04:00	0.006973	10.5	11.0	.11	29.30	992.3	-2.1	.00	59.3
05:00	0.00707	10.6	11.1	.11	29.29	992.0	-2.3	.00	67.0
06:00	0.007091	10.6	11.2	.02	29.29	992.0	-1.9	.00	57.6
07:00	0.007212	10.8	11.4	.03	29.30	992.3	-2.2	.00	61.3
08:00	0.007361	11.0	11.6	.00	29.31	992.7	2.7	.00	61.1
09:00	0.007469	11.3	11.8	.01	29.32	993.1	13.7	.02	60.4
10:00	0.007516	11.6	11.9	.08	29.33	993.3	35.8	.05	92.7
11:00	0.007652	11.8	12.1	.01	29.31	992.8	37.3	.05	65.3
12:00	0.007832	12.1	12.3	.00	29.28	991.7	41.9	.06	86.5
13:00	0.00815	12.7	12.8	.00	29.25	990.7	102.5	.15	146.2
14:00	0.00833	13.0	13.1	.00	29.23	990.0	71.7	.10	53.9
15:00	0.008401	13.1	13.2	.00	29.23	989.9	46.1	.07	50.3
16:00	0.008876	13.5	13.9	.00	29.23	989.9	19.9	.03	238.6
17:00	0.008634	14.3	13.6	.00	29.24	990.1	.5	.00	220.2
18:00	0.009109	14.6	14.3	.00	29.24	990.4	-1.9	.00	214.6
19:00	0.009123	14.5	14.3	.00	29.25	990.5	-1.8	.00	212.4
20:00	0.008944	14.2	14.0	.00	29.24	990.3	-2.3	.00	183.3
21:00	0.008898	13.6	14.0	.00	29.24	990.1	-2.3	.00	298.2
22:00	0.009079	12.9	14.2	.00	29.23	990.0	-2.1	.00	109.6
23:00	0.009085	12.8	14.3	.00	29.23	990.0	-2.3	.00	146.3
Avg	0.007922	12.0	12.5	.03	29.27	991.4	14.1	.02	96.0
Max	0.009123	14.6	14.3	.12	29.33	993.3	102.5	.15	298.2
Hr. of Max	19	18	23	01	10	10	13	13	21
Min	0.006675	9.5	10.5	.00	29.23	989.9	-3.8	-.01	47.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/11/2017

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	233.3	214.7	262.2	210.8	44.4	13.6	12.4	1.2	3.6
01:00	241.0	236.4	243.9	232.7	46.0	53.6	33.3	.5	1.6
02:00	144.9	228.2	51.0	228.0	36.1	44.8	32.6	.6	.4
03:00	58.6	38.8	30.2	16.2	19.9	38.4	24.3	1.4	1.9
04:00	52.3	39.4	40.9	27.4	19.5	25.2	24.7	1.2	2.0
05:00	55.3	54.4	55.8	44.4	25.2	24.0	14.7	1.5	3.0
06:00	49.6	68.8	35.1	60.0	23.4	12.6	6.8	1.2	2.8
07:00	55.5	62.1	50.5	52.8	17.2	7.4	4.5	1.6	3.8
08:00	40.8	46.1	42.7	35.7	19.4	10.8	6.9	1.1	2.8
09:00	49.1	54.3	40.3	44.4	19.3	14.0	7.0	1.0	2.4
10:00	77.3	72.0	92.3	62.0	13.2	22.1	12.8	.3	1.0
11:00	354.8	315.2	334.0	302.2	17.3	20.8	31.9	.2	.6
12:00	238.4	253.5	93.1	249.8	20.9	50.9	17.6	.3	.2
13:00	267.2	279.4	232.9	273.2	51.5	28.8	20.5	.3	1.0
14:00	254.5	238.8	353.2	235.2	38.4	70.0	35.3	.3	.3
15:00	255.6	243.2	277.9	242.6	74.1	55.4	49.6	.1	1.1
16:00	241.4	226.7	243.1	222.8	23.8	10.9	8.3	2.4	5.1
17:00	219.6	211.0	222.1	206.9	17.8	12.6	9.9	4.2	7.1
18:00	217.5	214.0	215.0	209.9	22.9	17.1	13.9	7.4	10.6
19:00	218.3	215.7	213.3	211.7	23.2	16.4	12.8	5.9	8.5
20:00	191.0	186.2	190.3	181.5	18.3	12.9	10.7	3.3	4.8
21:00	245.4	224.5	272.6	220.1	64.3	24.0	13.7	.7	2.3
22:00	259.6	260.0	264.4	255.3	61.4	44.9	15.3	.1	1.5
23:00	269.4	265.8	238.1	260.5	31.0	29.4	14.5	.6	1.4
Avg	247.0	240.0	310.0	245.0	31.2	27.5	18.1	.0	.0
Max	354.8	315.2	353.2	302.2	74.1	70.0	49.6	7.4	10.6
Hr. of Max	11	11	14	11	15	14	15	18	18
Min	40.8	38.8	30.2	16.2	13.2	7.4	4.5	.1	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

1/11/2017

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	5.2	1.7	3.7	5.2	2.2	5.5	-.4	-1.2	-.01
01:00	3.0	1.4	2.0	3.3	1.8	3.5	2.4	-1.3	.03
02:00	1.6	.9	.9	1.7	1.4	2.0	.8	.0	.01
03:00	1.6	1.6	2.0	2.0	1.9	2.3	-1.7	-.7	-.09
04:00	2.5	1.4	2.2	2.8	1.7	3.0	-3.6	-.1	-.13
05:00	4.1	1.7	3.4	4.5	2.1	4.7	-2.7	-.1	-.12
06:00	4.1	1.3	2.9	4.2	1.6	4.3	-.8	.5	-.07
07:00	4.9	1.7	3.8	4.9	1.9	5.1	-1.5	-1.7	-.09
08:00	4.3	1.2	3.0	4.4	1.5	4.6	-1.4	-.2	-.07
09:00	3.4	1.1	2.5	3.5	1.3	3.7	-3.0	-1.0	-.09
10:00	1.9	.3	1.1	2.0	.8	2.2	.0	-.7	-.01
11:00	.5	.2	.8	1.0	.7	1.3	.5	-1.6	-.01
12:00	1.9	.3	.3	2.0	.8	2.2	3.2	-.3	.03
13:00	2.0	.5	1.2	2.1	1.1	2.3	5.3	1.0	.09
14:00	1.1	.8	.8	1.6	1.2	1.9	-4.8	7.4	-.11
15:00	2.5	.6	1.3	2.7	1.0	3.0	-1.5	-1.1	-.02
16:00	7.7	2.5	5.2	7.9	2.9	8.3	.2	-.8	-.03
17:00	9.2	4.5	7.3	9.4	4.9	9.9	.9	-1.7	.00
18:00	13.4	7.9	11.0	13.8	8.7	14.5	1.6	-1.2	-.04
19:00	11.0	6.3	8.8	11.3	7.0	12.0	1.7	-1.3	-.02
20:00	6.3	3.4	4.9	6.4	3.7	6.6	1.7	-1.2	.03
21:00	3.7	1.3	2.6	4.0	1.7	4.2	.1	-2.3	-.05
22:00	3.4	.6	1.7	3.6	1.1	3.8	3.5	1.0	.07
23:00	3.2	1.1	1.5	3.5	1.5	3.6	2.4	.3	.05
Avg	.0	1.8	3.1	4.5	2.3	4.8	.1	-.3	-.03
Max	13.4	7.9	11.0	13.8	8.7	14.5	5.3	7.4	.09
Hr. of Max	18	18	18	18	18	18	13	14	13
Min	.5	.2	.3	1.0	.7	1.3	-4.8	-2.3	-.13
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/11/2017

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	-.08	3.9	6.4	9.6	7.0	7.1	8.6	9.2
01:00	-.09	4.6	7.6	7.1	12.5	10.0	8.8	9.3
02:00	-.01	3.4	3.2	4.6	8.1	10.6	8.9	9.4
03:00	-.04	3.2	4.1	4.6	9.6	5.8	9.2	9.3
04:00	-.01	3.2	4.6	6.4	10.2	4.7	9.2	9.5
05:00	.00	4.4	5.7	7.6	12.3	4.4	9.4	9.5
06:00	.05	4.1	5.7	7.3	14.3	5.3	9.5	9.7
07:00	-.15	4.4	5.7	8.2	14.4	3.1	9.8	9.7
08:00	-.03	3.9	9.2	11.7	13.3	4.6	10.1	10.0
09:00	-.06	3.9	6.0	6.9	12.5	4.6	10.4	10.2
10:00	-.02	3.2	4.4	8.5	13.0	7.6	10.5	10.1
11:00	-.03	1.8	2.1	3.2	16.4	10.2	10.8	10.5
12:00	-.03	1.6	2.1	5.3	11.9	9.1	11.1	11.1
13:00	.01	3.7	3.7	4.8	21.9	14.2	11.8	11.4
14:00	.19	6.9	5.0	7.8	23.4	18.4	12.1	11.7
15:00	-.06	4.4	5.5	8.9	12.1	13.7	12.3	12.2
16:00	-.16	6.4	9.4	11.7	10.9	5.4	13.7	14.0
17:00	-.34	22.7	26.6	27.9	11.6	7.4	14.6	14.7
18:00	-.49	34.8	36.6	41.7	16.0	10.5	15.8	15.5
19:00	-.38	22.7	35.7	33.7	15.2	8.8	16.1	15.7
20:00	-.23	11.9	16.9	21.1	12.3	8.5	15.6	15.2
21:00	-.20	6.6	6.0	7.6	12.3	5.1	14.6	15.0
22:00	.06	4.8	10.8	11.4	16.7	9.6	13.6	14.8
23:00	.00	3.4	4.8	7.1	11.7	8.2	13.4	14.6
Avg	-.09	7.2	9.5	11.4	13.3	8.2	11.7	11.8
Max	.19	34.8	36.6	41.7	23.4	18.4	16.1	15.7
Hr. of Max	14	18	18	18	14	14	19	19
Min	-.49	1.6	2.1	3.2	7.0	3.1	8.6	9.2
Count	24	24	24	24	24	24	24	24
Total								