Date Printed: 11/08/2016 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2016

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	5.9	8.0	9.0	10.6	2.19	3.16	4.75	.96	2.56
01:00	5.4	7.3	8.3	9.8	1.90	2.93	4.44	1.03	2.55
02:00	5.1	7.0	8.1	9.8	1.88	2.98	4.76	1.10	2.88
03:00	5.4	7.1	7.5	9.5	1.69	2.06	4.02	.37	2.33
04:00	5.9	7.3	7.7	8.9	1.41	1.83	2.99	.42	1.58
05:00	5.8	7.0	7.5	8.4	1.26	1.71	2.62	.44	1.35
06:00	5.2	6.5	6.9	7.4	1.32	1.69	2.27	.37	.95
07:00	5.0	6.2	6.6	7.3	1.15	1.61	2.22	.45	1.07
08:00	7.4	7.4	7.6	8.4	-.01	.23	.96	.24	.96
09:00	11.3	10.9	10.9	11.1	-.35	-.39	-.16	-.04	.19
10:00	15.0	14.4	14.1	13.9	-.58	-.88	-1.07	-.30	-.49
11:00	17.4	16.7	16.4	16.3	-.66	-.96	-1.08	-.30	-.42
12:00	19.3	18.5	18.2	18.1	-.88	-1.17	-1.23	-.29	-.36
13:00	20.7	19.8	19.5	19.3	-.86	-1.19	-1.33	-.33	-.47
14:00	21.5	20.8	20.5	20.4	-.70	-1.00	-1.13	-.30	-.43
15:00	21.5	21.1	20.9	20.7	-.41	-.66	-.79	-.24	-.38
16:00	20.7	20.9	20.8	20.7	.24	.10	.03	-.14	-.22
17:00	16.7	18.4	19.2	19.5	1.75	2.48	2.77	.73	1.02
18:00	13.1	15.8	16.4	17.4	2.69	3.26	4.26	.56	1.56
19:00	10.7	13.6	14.6	15.8	2.86	3.84	5.02	.98	2.16
20:00	9.4	12.0	12.8	14.6	2.61	3.41	5.18	.80	2.57
21:00	8.3	10.7	11.5	13.1	2.44	3.23	4.86	.79	2.42
22:00	7.5	9.7	10.6	12.8	2.20	3.05	5.29	.85	3.09
23:00	7.0	9.2	10.1	12.5	2.15	3.05	5.50	.90	3.35
Avg	11.3	12.3	12.7	13.6	1.05	1.43	2.30	.38	1.24
Max	21.5	21.1	20.9	20.7	2.86	3.84	5.50	1.10	3.35
Hr. of Max	15	15	15	16	19	19	23	02	23
Min	5.0	6.2	6.6	7.3	-.88	-1.19	-1.33	-.33	-.49
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2016

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	1.6	2.1	3.0	16.2	74.5	66.5	5.3	5.5	0.004311
01:00	1.7	2.2	2.9	16.0	77.7	71.0	5.4	5.6	0.004352
02:00	2.0	2.6	3.0	15.8	81.2	74.5	5.5	5.7	0.004451
03:00	2.5	3.1	3.5	15.7	81.8	76.2	5.7	5.9	0.004606
04:00	3.1	3.6	4.0	15.5	83.0	78.0	5.9	6.1	0.00481
05:00	3.4	4.0	4.2	15.3	85.6	81.8	6.1	6.3	0.004926
06:00	3.3	3.9	3.9	15.2	88.7	84.6	6.1	6.3	0.004889
07:00	3.3	3.7	3.9	15.0	89.2	84.9	6.0	6.2	0.004869
08:00	4.2	3.7	5.3	14.9	81.0	78.3	6.4	6.2	0.005203
09:00	5.2	4.8	7.2	14.8	67.4	66.9	6.8	6.6	0.005581
10:00	3.6	3.1	7.4	14.7	47.3	47.5	6.0	5.8	0.005003
11:00	1.7	1.0	6.9	14.8	35.5	35.2	5.2	5.0	0.00439
12:00	1.8	1.3	7.6	14.9	31.6	32.4	5.2	5.1	0.004431
13:00	.8	.4	7.4	15.2	27.3	28.0	4.9	4.8	0.004162
14:00	.2	-.3	7.3	15.5	24.9	24.9	4.7	4.5	0.003994
15:00	-1.4	-1.9	6.3	15.8	22.2	21.8	4.2	4.0	0.003564
16:00	-.1	-.7	6.8	16.1	25.6	24.2	4.6	4.4	0.003904
17:00	1.0	.3	6.2	16.3	35.5	30.2	5.0	4.7	0.004201
18:00	1.4	1.4	5.3	16.4	45.8	38.2	5.2	5.1	0.004307
19:00	1.8	1.6	4.8	16.4	54.4	44.7	5.3	5.2	0.004391
20:00	2.0	2.1	4.4	16.3	60.5	51.6	5.4	5.5	0.004448
21:00	2.1	2.4	4.1	16.2	65.6	57.0	5.5	5.6	0.004481
22:00	2.2	2.5	4.0	16.1	69.7	61.6	5.5	5.6	0.004522
23:00	2.2	2.8	3.8	15.9	72.0	64.9	5.5	5.7	0.004515
Avg	2.1	2.1	5.1	15.6	59.5	55.2	5.5	5.5	0.004513
Max	5.2	4.8	7.6	16.4	89.2	84.9	6.8	6.6	0.005581
Hr. of Max	09	09	12	19	07	07	09	09	09
Min	-1.4	-1.9	2.9	14.7	22.2	21.8	4.2	4.0	0.003564
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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11/7/2016

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	0.004477	6.9	7.1	.00	29.40	995.5	-2.1	.00	92.0
01:00	0.004536	6.9	7.2	.00	29.40	995.5	-2.3	.00	82.6
02:00	0.004651	7.1	7.4	.00	29.40	995.6	-2.1	.00	64.0
03:00	0.004819	7.3	7.7	.00	29.40	995.6	-2.4	.00	70.3
04:00	0.004984	7.6	7.9	.00	29.41	996.0	-1.9	.00	65.1
05:00	0.005138	7.8	8.2	.00	29.43	996.5	-3.1	.00	68.7
06:00	0.005104	7.8	8.1	.00	29.44	997.1	-1.6	.00	87.9
07:00	0.005021	7.7	8.0	.00	29.46	997.8	46.9	.07	83.7
08:00	0.005027	8.3	8.0	.00	29.48	998.4	208.5	.30	99.2
09:00	0.00542	8.9	8.6	.00	29.49	998.6	298.8	.43	92.7
10:00	0.004846	8.0	7.7	.00	29.49	998.6	479.5	.69	92.2
11:00	0.00417	7.0	6.6	.00	29.48	998.3	530.2	.76	146.5
12:00	0.004296	7.1	6.8	.00	29.45	997.4	565.0	.81	192.5
13:00	0.004036	6.6	6.4	.00	29.43	996.6	528.6	.76	164.5
14:00	0.00383	6.4	6.1	.00	29.40	995.6	431.6	.62	151.2
15:00	0.003422	5.7	5.4	.00	29.38	995.1	286.4	.41	143.5
16:00	0.003744	6.2	6.0	.00	29.38	995.0	137.6	.20	90.6
17:00	0.00401	6.7	6.4	.00	29.38	995.0	6.8	.01	49.2
18:00	0.004293	6.8	6.8	.00	29.39	995.3	-2.1	.00	91.9
19:00	0.004358	7.0	6.9	.00	29.40	995.8	-2.3	.00	104.8
20:00	0.004515	7.1	7.2	.00	29.41	995.9	-1.8	.00	76.2
21:00	0.004586	7.1	7.3	.00	29.41	996.0	-2.3	.00	99.5
22:00	0.004639	7.2	7.4	.00	29.41	995.9	-2.1	.00	78.1
23:00	0.004706	7.2	7.5	.00	29.40	995.8	-2.6	.00	151.6
Avg	0.004526	7.2	7.2	.00	29.42	996.4	145.5	.21	99.0
Max	0.00542	8.9	8.6	.00	29.49	998.6	565.0	.81	192.5
Hr. of Max	09	09	09	23	10	10	12	12	12
Min	0.003422	5.7	5.4	.00	29.38	995.0	-3.1	.00	49.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2016

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	57.3	63.3	80.3	54.1	38.0	42.7	7.2	.4	1.7
01:00	40.1	42.2	91.0	30.6	26.8	13.5	13.2	.6	1.6
02:00	76.6	20.9	57.2	356.7	22.0	52.9	37.9	.6	2.2
03:00	76.7	67.7	48.6	58.9	21.0	12.8	7.2	1.2	3.3
04:00	58.9	57.2	57.2	48.0	17.9	12.2	5.5	1.6	3.6
05:00	59.7	61.8	62.1	52.3	21.5	12.7	12.4	2.2	3.9
06:00	68.3	51.7	79.1	42.1	30.0	22.2	5.1	1.2	2.4
07:00	54.3	52.8	79.5	43.2	13.6	10.1	5.7	1.2	2.7
08:00	40.4	41.3	99.9	30.3	15.8	14.3	4.6	.7	1.8
09:00	56.4	52.3	89.9	42.4	19.3	21.7	11.8	2.0	2.4
10:00	84.1	81.4	88.4	71.9	24.1	25.2	20.4	2.8	3.1
11:00	164.7	161.3	153.7	152.3	37.2	42.6	53.2	1.6	1.4
12:00	216.7	219.4	204.5	214.8	58.8	41.0	32.0	2.2	2.6
13:00	176.1	171.3	171.1	163.6	37.7	29.7	23.9	2.4	3.1
14:00	169.0	174.4	160.6	166.9	38.1	39.8	43.1	2.2	2.3
15:00	152.0	146.5	152.5	142.4	29.5	25.9	29.8	1.4	1.4
16:00	90.7	90.3	80.4	80.5	40.2	35.0	23.3	1.6	2.6
17:00	43.2	65.1	10.6	56.4	37.3	11.1	6.7	.6	1.7
18:00	80.0	62.6	17.3	56.0	34.0	35.4	10.9	.3	.7
19:00	86.1	214.4	216.2	207.3	7.6	9.0	19.9	.1	.1
20:00	65.7	127.6	125.0	229.7	15.6	7.4	38.1	.1	.6
21:00	43.2	78.6	221.2	92.3	16.1	8.4	47.0	.1	.4
22:00	50.8	16.5	75.7	350.3	22.0	47.4	33.8	.5	.9
23:00	72.3	250.7	231.2	242.8	30.9	28.5	18.1	.2	.2
Avg	78.0	80.0	101.0	70.0	27.3	25.1	21.3	.0	.0
Max	216.7	250.7	231.2	356.7	58.8	52.9	53.2	2.8	3.9
Hr. of Max	12	23	23	02	12	02	11	10	05
Min	40.1	16.5	10.6	30.3	7.6	7.4	4.6	.1	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2016

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	3.9	.8	1.8	4.0	1.1	4.2	2.4	.7	.04
01:00	2.3	.7	1.8	2.4	1.0	2.6	1.9	1.6	.03
02:00	1.8	1.6	2.3	1.9	1.8	2.3	1.7	1.2	.03
03:00	5.2	1.4	3.4	5.3	1.7	5.6	-.8	.3	-.04
04:00	6.1	1.9	3.8	6.2	2.0	6.5	-1.4	-.3	-.08
05:00	4.9	2.4	4.0	5.1	2.5	5.3	-.9	-1.0	-.07
06:00	4.3	1.4	2.5	4.3	1.7	4.5	1.3	.2	.02
07:00	4.5	1.3	2.7	4.5	1.6	4.8	1.1	-.8	.00
08:00	4.0	.8	1.9	4.0	1.2	4.3	-1.4	-6.3	-.01
09:00	4.0	2.1	2.5	4.1	2.6	4.4	3.7	-1.6	.20
10:00	3.8	3.1	3.4	4.0	3.6	4.4	1.4	-2.9	.09
11:00	1.2	2.3	2.3	2.1	2.8	2.8	3.9	-1.6	.24
12:00	2.8	3.1	3.3	3.3	3.7	3.9	-2.1	-7.3	-.17
13:00	3.7	3.2	3.8	4.3	3.9	4.8	.7	-2.4	.01
14:00	2.4	2.7	2.9	2.9	3.2	3.5	2.6	2.1	.09
15:00	1.8	2.1	2.2	2.3	2.6	2.8	-1.8	-7.5	-.08
16:00	3.2	2.0	2.9	3.4	2.4	3.8	5.8	7.4	.21
17:00	2.2	.7	1.8	2.2	1.0	2.4	3.9	1.6	.08
18:00	1.3	.5	.7	1.3	.8	1.7	2.5	-.2	.04
19:00	1.1	.1	.1	1.2	.4	1.4	.9	-.5	.01
20:00	.0	.1	.6	.1	.4	.4	1.0	-.9	.01
21:00	.3	.1	.4	.3	.7	.6	2.9	-1.1	.04
22:00	.7	.5	1.0	.8	.8	1.1	3.1	.2	.05
23:00	2.0	.2	.3	2.1	.9	2.3	2.1	.7	.04
Avg	.0	1.5	2.2	3.0	1.9	3.4	1.4	-.8	.03
Max	6.1	3.2	4.0	6.2	3.9	6.5	5.8	7.4	.24
Hr. of Max	04	13	05	04	13	04	16	16	11
Min	.0	.1	.1	.1	.4	.4	-2.1	-7.5	-.17
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2016

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	.05	2.5	4.6	8.9	7.3	2.0	8.2	10.7
01:00	.11	2.7	3.7	5.0	8.5	5.3	7.5	9.9
02:00	.09	4.8	6.2	5.7	8.1	7.4	7.2	10.0
03:00	.02	8.5	10.1	10.8	12.0	3.9	7.4	9.7
04:00	-.06	8.5	14.7	16.5	9.0	2.6	7.6	9.1
05:00	-.12	5.5	7.6	10.3	8.0	3.1	7.4	8.6
06:00	.01	5.0	6.6	9.8	7.4	2.7	6.8	7.5
07:00	-.06	3.4	5.7	9.8	10.2	2.7	6.5	7.4
08:00	-.44	2.3	4.1	8.5	19.6	6.0	7.9	8.5
09:00	-.13	6.9	7.8	8.0	18.8	12.0	11.4	11.2
10:00	-.23	10.3	8.0	9.6	22.8	19.9	14.7	13.9
11:00	-.03	8.0	9.4	9.6	29.5	32.5	16.8	16.1
12:00	-.58	9.4	9.4	13.1	23.4	27.6	18.5	17.7
13:00	-.28	8.7	8.7	10.1	22.6	23.1	19.8	18.9
14:00	.07	7.6	7.8	9.8	25.2	30.2	20.7	20.0
15:00	-.41	5.5	5.5	6.0	21.7	25.8	21.0	20.4
16:00	.42	5.3	6.2	6.4	18.6	14.5	20.9	20.4
17:00	.07	2.7	3.7	4.1	8.3	4.0	18.4	19.2
18:00	.01	2.5	3.0	4.4	6.9	3.5	15.9	17.3
19:00	-.01	1.1	1.6	2.3	5.2	3.8	13.7	15.8
20:00	-.01	2.1	3.0	1.4	5.9	4.2	12.1	14.6
21:00	-.01	1.6	1.6	1.6	6.7	3.4	10.9	13.2
22:00	.01	2.1	2.7	2.5	10.3	15.2	9.9	13.0
23:00	.03	1.8	2.3	4.6	5.6	8.1	9.4	12.9
Avg	-.06	5.0	6.0	7.5	13.4	11.0	12.5	13.6
Max	.42	10.3	14.7	16.5	29.5	32.5	21.0	20.4
Hr. of Max	16	10	04	04	11	11	15	16
Min	-.58	1.1	1.6	1.4	5.2	2.0	6.5	7.4
Count	24	24	24	24	24	24	24	24
Total								