Date Printed: 04/03/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/2/2015

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	8.8	11.3	12.7	14.9	2.46	3.87	6.09	1.41	3.63
01:00	7.9	10.2	11.5	13.7	2.32	3.63	5.76	1.31	3.44
02:00	7.0	9.2	10.7	12.4	2.18	3.62	5.32	1.44	3.14
03:00	6.9	8.6	9.9	12.1	1.65	2.94	5.19	1.29	3.54
04:00	6.1	8.2	9.1	11.1	2.11	3.03	5.01	.92	2.90
05:00	6.6	7.9	8.6	10.2	1.31	2.06	3.66	.75	2.35
06:00	7.6	8.6	9.0	10.6	.98	1.39	3.02	.41	2.05
07:00	8.0	8.7	9.2	10.2	.64	1.17	2.18	.52	1.54
08:00	9.6	9.7	9.8	10.4	.14	.23	.76	.09	.62
09:00	11.8	11.6	11.6	12.2	-.15	-.18	.43	-.04	.58
10:00	14.9	14.6	14.5	14.5	-.29	-.44	-.44	-.15	-.14
11:00	18.6	17.9	17.6	17.5	-.74	-1.00	-1.11	-.26	-.38
12:00	20.4	20.0	19.7	19.6	-.42	-.70	-.81	-.28	-.39
13:00	20.8	20.5	20.2	20.2	-.29	-.55	-.64	-.26	-.34
14:00	21.9	21.6	21.3	21.2	-.29	-.56	-.67	-.27	-.38
15:00	21.4	21.3	21.2	21.1	-.03	-.22	-.27	-.19	-.25
16:00	18.5	18.4	18.3	18.4	-.08	-.19	-.14	-.11	-.06
17:00	20.6	20.4	20.1	20.0	-.30	-.56	-.64	-.27	-.35
18:00	20.6	20.7	20.6	20.6	.11	-.02	-.04	-.14	-.15
19:00	19.7	19.8	19.7	19.6	.16	.01	-.02	-.15	-.18
20:00	17.9	18.2	18.1	18.1	.27	.19	.21	-.08	-.06
21:00	16.6	17.1	17.1	17.3	.50	.53	.65	.03	.15
22:00	15.5	16.5	16.6	16.7	1.06	1.15	1.25	.09	.19
23:00	15.4	16.4	16.4	16.5	1.04	1.01	1.09	-.03	.05
Avg	14.3	14.9	15.1	15.8	.60	.85	1.49	.25	.90
Max	21.9	21.6	21.3	21.2	2.46	3.87	6.09	1.44	3.63
Hr. of Max	14	14	14	14	00	00	00	02	00
Min	6.1	7.9	8.6	10.2	-.74	-1.00	-1.11	-.28	-.39
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/2/2015

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	.6	.5	3.4	14.9	57.1	48.1	4.9	4.9	0.004078
01:00	.7	.5	3.1	14.5	61.0	51.6	5.0	4.9	0.004098
02:00	.9	.2	2.9	14.2	65.4	54.0	5.1	4.8	0.00414
03:00	.6	.7	2.7	13.9	64.7	58.1	5.0	5.0	0.004065
04:00	1.0	.6	2.7	13.6	70.5	59.4	5.1	4.9	0.004173
05:00	1.9	1.3	3.5	13.3	72.8	64.0	5.5	5.2	0.004465
06:00	2.5	1.7	4.2	13.0	70.8	62.5	5.7	5.3	0.004666
07:00	3.2	1.9	4.8	12.8	72.0	63.0	5.9	5.4	0.004873
08:00	3.7	2.7	5.7	12.7	67.6	62.3	6.1	5.7	0.005076
09:00	4.0	3.3	6.6	12.6	59.8	57.3	6.2	5.9	0.005197
10:00	4.2	3.4	7.8	12.6	49.5	47.6	6.3	5.9	0.005271
11:00	7.0	6.4	10.9	12.7	47.7	47.8	7.5	7.2	0.006451
12:00	10.2	9.8	13.6	13.1	52.6	52.9	9.2	9.1	0.007969
13:00	11.4	11.1	14.5	13.6	55.9	55.8	10.0	9.8	0.00865
14:00	12.4	12.3	15.6	14.0	56.2	56.4	10.7	10.6	0.009299
15:00	13.3	13.2	16.0	14.3	61.5	60.8	11.3	11.2	0.009863
16:00	15.5	15.1	16.5	14.6	84.1	83.0	13.1	12.9	0.011314
17:00	15.6	15.2	17.3	14.7	74.5	73.7	13.1	12.8	0.011442
18:00	14.0	13.8	16.2	15.0	67.2	66.1	11.8	11.7	0.010288
19:00	13.1	13.0	15.3	15.1	67.1	66.0	11.2	11.1	0.009697
20:00	12.3	12.3	14.2	15.1	70.9	69.5	10.7	10.7	0.009183
21:00	12.0	12.1	13.6	15.0	75.7	73.4	10.6	10.6	0.009024
22:00	12.3	12.3	13.4	14.9	82.8	77.4	10.8	10.7	0.009169
23:00	12.6	12.6	13.6	14.8	85.1	79.3	11.0	10.9	0.009377
Avg	7.7	7.3	9.9	14.0	66.4	62.1	8.4	8.2	0.00716
Max	15.6	15.2	17.3	15.1	85.1	83.0	13.1	12.9	0.011442
Hr. of Max	17	17	17	20	23	16	17	16	17
Min	.6	.2	2.7	12.6	47.7	47.6	4.9	4.8	0.004065
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/2/2015

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	0.004047	6.4	6.4	.00	29.20	988.7	-2.3	.00	74.5
01:00	0.00405	6.5	6.4	.00	29.19	988.5	-1.7	.00	54.4
02:00	0.003964	6.5	6.3	.00	29.17	987.9	-.8	.00	56.1
03:00	0.004086	6.4	6.4	.00	29.16	987.7	-1.9	.00	62.3
04:00	0.004057	6.6	6.4	.00	29.16	987.5	-2.1	.00	87.8
05:00	0.004291	7.0	6.8	.00	29.16	987.5	-3.2	.00	54.0
06:00	0.004404	7.4	6.9	.00	29.18	988.1	-2.4	.00	52.0
07:00	0.004451	7.7	7.0	.00	29.21	989.2	14.9	.02	256.0
08:00	0.004727	8.0	7.5	.00	29.22	989.7	80.5	.12	49.9
09:00	0.004933	8.2	7.8	.00	29.23	989.8	128.1	.18	100.3
10:00	0.004974	8.3	7.9	.00	29.23	990.0	332.8	.48	224.2
11:00	0.006179	10.2	9.7	.00	29.23	989.8	609.6	.87	232.3
12:00	0.007804	12.5	12.3	.00	29.21	989.4	346.0	.50	229.2
13:00	0.00849	13.6	13.3	.00	29.20	989.0	290.4	.42	214.2
14:00	0.009176	14.6	14.4	.00	29.18	988.2	299.4	.43	197.6
15:00	0.009745	15.4	15.2	.00	29.16	987.7	168.4	.24	221.3
16:00	0.011088	17.6	17.3	.04	29.15	987.3	252.6	.36	235.8
17:00	0.011112	17.8	17.3	.00	29.11	986.0	349.0	.50	217.8
18:00	0.010193	16.1	15.9	.00	29.14	987.0	50.2	.07	217.5
19:00	0.009622	15.2	15.0	.00	29.16	987.5	9.5	.01	205.7
20:00	0.009159	14.4	14.3	.00	29.16	987.3	-1.7	.00	215.0
21:00	0.009037	14.1	14.1	.00	29.16	987.5	-1.8	.00	232.5
22:00	0.009177	14.4	14.4	.00	29.18	988.1	-1.9	.00	225.1
23:00	0.009333	14.7	14.6	.00	29.17	988.0	-3.3	.00	220.2
Avg	0.007004	11.2	11.0	.00	29.18	988.2	121.2	.18	196.0
Max	0.011112	17.8	17.3	.04	29.23	990.0	609.6	.87	256.0
Hr. of Max	17	17	17	16	11	10	11	11	07
Min	0.003964	6.4	6.3	.00	29.11	986.0	-3.3	.00	49.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/2/2015

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	68.3	60.1	79.2	56.3	47.2	11.7	7.0	.5	2.1
01:00	71.6	58.5	51.9	54.4	59.8	18.7	8.7	.8	2.2
02:00	53.6	50.2	58.5	45.1	43.2	18.2	6.9	1.0	2.5
03:00	64.2	56.6	66.3	52.4	27.8	10.7	10.0	1.1	3.2
04:00	57.8	55.4	91.0	51.0	37.9	15.5	13.8	.4	1.7
05:00	60.5	47.6	66.6	42.9	56.4	32.6	15.3	.5	1.4
06:00	70.2	62.5	66.1	58.9	48.0	18.5	8.6	.3	1.9
07:00	231.8	159.8	257.2	165.8	52.4	71.7	63.8	.9	.5
08:00	54.9	47.5	52.8	43.3	57.3	21.3	22.1	.9	2.6
09:00	38.3	81.6	125.1	70.0	54.1	32.5	39.8	.5	.1
10:00	242.0	252.3	228.8	253.2	22.6	25.1	21.0	3.1	3.7
11:00	237.3	239.5	238.7	241.0	26.8	20.5	18.1	4.7	5.7
12:00	234.2	231.3	233.8	233.3	27.7	22.8	20.4	5.0	6.6
13:00	220.7	217.9	219.4	219.8	20.9	17.6	16.1	5.6	6.9
14:00	204.3	205.5	202.2	207.1	25.7	22.0	18.9	7.5	9.9
15:00	224.9	222.8	226.4	224.9	20.5	16.5	12.7	9.4	12.9
16:00	240.7	238.3	240.7	240.2	21.5	16.6	13.8	4.9	7.5
17:00	223.3	218.6	223.0	220.7	25.4	19.5	15.8	5.9	8.0
18:00	221.0	217.6	221.9	219.6	23.7	18.4	14.5	6.6	9.4
19:00	208.8	208.1	211.3	209.9	24.8	19.1	15.5	6.9	9.4
20:00	217.4	214.0	220.2	216.2	18.4	14.3	11.4	5.4	7.9
21:00	235.0	228.7	237.0	230.9	21.6	14.7	10.2	3.1	5.4
22:00	242.7	240.0	227.5	241.8	20.9	12.8	9.2	1.6	3.3
23:00	236.2	237.9	226.0	239.6	30.2	17.8	10.8	1.4	3.0
Avg	211.0	200.0	201.0	211.0	34.0	21.2	16.9	.0	.0
Max	242.7	252.3	257.2	253.2	59.8	71.7	63.8	9.4	12.9
Hr. of Max	22	10	07	10	01	07	07	15	15
Min	38.3	47.5	51.9	42.9	18.4	10.7	6.9	.3	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/2/2015

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	.7	2.1	3.6	1.1	3.9	2.3	1.0	.05
01:00	3.6	1.1	2.4	3.7	1.4	4.0	1.3	.7	.02
02:00	4.2	1.3	2.7	4.4	1.6	4.7	2.8	.9	.06
03:00	4.0	1.2	3.3	4.1	1.5	4.4	2.1	1.2	.05
04:00	2.6	.6	1.8	2.7	1.0	3.0	3.9	.6	.06
05:00	2.3	.7	1.6	2.4	1.1	2.7	1.4	.9	.02
06:00	3.5	.4	2.0	3.5	.7	3.9	1.0	.5	.01
07:00	.4	1.6	1.0	1.0	2.0	1.5	.3	.9	.00
08:00	3.3	1.2	2.8	3.4	1.6	3.8	3.5	-.3	.04
09:00	.1	1.2	1.7	2.7	1.6	3.0	.7	.7	.05
10:00	4.5	3.3	4.0	4.8	3.9	5.3	1.1	1.6	-.02
11:00	6.0	5.2	6.0	6.3	5.8	7.1	-1.3	-3.4	-.26
12:00	7.4	5.6	7.1	7.8	6.4	8.6	-.1	.5	-.14
13:00	8.0	6.2	7.5	8.5	6.8	9.1	.4	-.1	-.11
14:00	12.3	8.5	10.7	13.0	9.5	13.8	2.9	2.0	.13
15:00	15.9	10.0	13.5	16.3	11.0	17.4	1.2	.2	-.11
16:00	9.4	5.6	8.2	10.2	6.1	10.7	.4	.1	-.11
17:00	10.0	6.4	8.4	10.3	7.3	11.1	.5	.2	-.18
18:00	11.8	7.1	9.8	12.1	7.9	13.0	.4	1.8	-.18
19:00	11.4	7.5	9.9	11.8	8.3	12.6	.7	.6	-.11
20:00	9.8	5.7	8.1	10.0	6.2	10.6	.8	.1	-.07
21:00	7.4	3.4	5.7	7.6	3.8	8.1	-.6	.8	-.10
22:00	5.1	1.8	3.4	5.1	2.2	5.6	1.2	1.7	.02
23:00	4.7	1.7	3.2	4.8	2.1	5.2	.7	1.8	.01
Avg	.0	3.7	5.3	6.7	4.2	7.2	1.2	.6	-.04
Max	15.9	10.0	13.5	16.3	11.0	17.4	3.9	2.0	.13
Hr. of Max	15	15	15	15	15	15	04	14	14
Min	.1	.4	1.0	1.0	.7	1.5	-1.3	-3.4	-.26
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/2/2015

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	.08	2.3	3.4	6.0	2.8	6.3	8.7	3.1
01:00	.07	3.7	4.1	6.2	3.9	6.6	9.9	3.1
02:00	.09	5.5	6.9	7.8	3.5	6.6	8.7	2.9
03:00	.10	3.9	5.7	8.2	3.8	7.0	8.9	3.8
04:00	.02	4.8	10.3	6.6	3.9	4.8	9.5	8.4
05:00	.07	2.5	4.6	6.0	2.7	4.4	10.1	10.9
06:00	.03	3.7	7.3	5.5	2.7	5.8	10.1	3.9
07:00	.04	7.6	8.2	7.6	7.9	8.0	8.9	16.8
08:00	-.01	4.8	6.9	7.3	5.5	7.6	16.4	9.0
09:00	.08	4.4	4.4	7.3	5.2	7.9	16.7	7.2
10:00	.00	9.6	10.5	10.8	10.8	11.8	16.7	17.6
11:00	-.59	11.0	12.8	12.1	12.0	14.5	16.2	16.7
12:00	-.05	14.2	15.6	15.3	17.5	17.5	15.7	14.2
13:00	-.16	15.1	16.5	18.3	16.3	19.2	13.4	12.3
14:00	.06	23.6	26.1	30.5	26.4	32.1	17.5	14.4
15:00	-.17	29.3	29.8	29.8	30.8	32.8	14.7	9.5
16:00	-.06	18.1	24.7	25.9	20.0	28.5	14.4	8.0
17:00	-.19	18.1	22.2	25.9	20.5	26.4	15.8	11.5
18:00	.26	21.3	33.0	36.0	19.6	24.7	16.4	9.9
19:00	-.14	22.0	25.2	28.2	21.7	28.4	15.7	11.6
20:00	-.09	20.2	19.2	26.8	17.5	22.6	14.1	7.9
21:00	.08	8.2	14.7	16.9	9.6	15.3	10.0	4.3
22:00	.13	6.0	9.8	12.1	5.7	11.9	9.8	5.8
23:00	.16	6.0	7.6	10.5	6.3	10.5	9.6	5.9
Avg	-.01	11.1	13.7	15.3	11.5	15.1	12.8	9.1
Max	.26	29.3	33.0	36.0	30.8	32.8	17.5	17.6
Hr. of Max	18	15	18	18	15	15	14	10
Min	-.59	2.3	3.4	5.5	2.7	4.4	8.7	2.9
Count	24	24	24	24	24	24	24	24
Total								