Date Printed: 11/06/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

11/5/2014

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	9.7	13.1	13.8	14.2	3.39	4.11	4.52	.72	1.13
01:00	10.3	13.1	13.5	13.8	2.85	3.20	3.51	.35	.66
02:00	9.7	12.2	13.1	13.3	2.51	3.40	3.63	.89	1.12
03:00	9.3	11.2	12.0	13.0	1.93	2.66	3.66	.73	1.73
04:00	9.3	10.7	11.4	12.4	1.45	2.08	3.14	.63	1.69
05:00	8.8	10.5	11.2	12.2	1.73	2.45	3.48	.72	1.75
06:00	9.0	10.2	10.8	11.8	1.26	1.81	2.82	.55	1.56
07:00	9.2	10.1	10.5	11.6	.97	1.35	2.45	.38	1.48
08:00	10.3	10.7	11.0	12.0	.43	.70	1.74	.27	1.32
09:00	11.8	11.7	12.0	12.6	-.03	.19	.81	.22	.84
10:00	12.0	12.1	12.3	12.6	.10	.22	.52	.12	.42
11:00	11.2	11.3	11.6	11.7	.13	.40	.56	.27	.43
12:00	10.7	10.7	10.6	10.6	-.01	-.11	-.11	-.10	-.10
13:00	11.3	11.2	11.0	11.0	-.12	-.29	-.35	-.17	-.22
14:00	11.5	11.4	11.2	11.2	-.10	-.29	-.35	-.19	-.24
15:00	11.5	11.4	11.3	11.2	-.10	-.29	-.34	-.18	-.24
16:00	11.3	11.3	11.2	11.2	.02	-.07	-.10	-.09	-.12
17:00	11.2	11.2	11.1	11.1	.04	-.08	-.09	-.12	-.13
18:00	10.9	11.0	10.8	10.8	.04	-.08	-.09	-.11	-.12
19:00	10.7	10.8	10.7	10.7	.12	.06	.05	-.06	-.07
20:00	10.8	10.9	10.8	10.8	.08	.00	-.01	-.08	-.09
21:00	10.9	11.0	10.9	10.9	.05	-.03	-.02	-.07	-.07
22:00	11.0	11.0	10.9	10.9	-.01	-.14	-.15	-.13	-.14
23:00	11.0	11.0	11.0	11.2	-.04	-.03	.18	.01	.22
Avg	10.6	11.2	11.4	11.8	.70	.88	1.23	.19	.53
Max	12.0	13.1	13.8	14.2	3.39	4.11	4.52	.89	1.75
Hr. of Max	10	01	00	00	00	00	00	02	05
Min	8.8	10.1	10.5	10.6	-.12	-.29	-.35	-.19	-.24
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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11/5/2014

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	3.2	.2	5.4	12.0	65.1	41.8	5.9	4.7	0.004892
01:00	3.2	.7	5.6	11.9	62.3	43.3	5.9	4.9	0.00488
02:00	4.0	1.4	5.9	11.9	68.3	48.1	6.3	5.2	0.005156
03:00	4.3	2.5	6.0	11.8	71.9	55.4	6.4	5.6	0.005285
04:00	4.7	3.6	6.2	11.8	74.0	62.0	6.6	6.1	0.005431
05:00	4.8	3.7	6.1	11.7	77.0	63.3	6.6	6.1	0.005458
06:00	5.4	3.5	6.6	11.7	79.0	63.8	6.9	6.0	0.005682
07:00	5.7	3.7	6.8	11.7	79.5	64.9	7.0	6.1	0.005789
08:00	6.0	4.2	7.4	11.7	75.4	64.8	7.2	6.3	0.005917
09:00	6.1	5.5	8.0	11.7	69.2	66.2	7.2	6.9	0.005992
10:00	7.2	6.2	8.8	11.8	73.3	67.8	7.8	7.2	0.006459
11:00	9.0	8.0	9.7	11.9	87.6	81.2	8.8	8.2	0.007279
12:00	9.1	8.6	9.7	12.0	91.0	87.9	8.9	8.6	0.007364
13:00	9.5	9.3	10.1	12.0	89.7	89.5	9.1	9.0	0.007548
14:00	10.1	10.0	10.5	12.2	92.1	92.1	9.4	9.4	0.007854
15:00	10.0	9.9	10.5	12.3	91.5	91.2	9.4	9.3	0.007829
16:00	9.9	9.7	10.3	12.3	92.1	90.7	9.3	9.2	0.007737
17:00	10.1	10.0	10.4	12.4	94.1	93.6	9.4	9.4	0.007849
18:00	9.8	9.7	10.2	12.4	93.9	93.3	9.2	9.2	0.007704
19:00	9.7	9.7	10.0	12.4	94.7	93.9	9.2	9.2	0.007651
20:00	9.9	9.7	10.2	12.4	95.1	93.7	9.3	9.2	0.007763
21:00	10.0	9.8	10.3	12.4	95.0	93.9	9.4	9.3	0.0078
22:00	10.1	10.0	10.4	12.4	94.9	94.7	9.4	9.4	0.007861
23:00	10.1	10.1	10.4	12.5	95.3	95.5	9.4	9.4	0.007888
Avg	7.6	6.7	8.6	12.1	83.4	76.4	8.1	7.7	0.006711
Max	10.1	10.1	10.5	12.5	95.3	95.5	9.4	9.4	0.007888
Hr. of Max	23	23	15	23	23	23	23	23	23
Min	3.2	.2	5.4	11.7	62.3	41.8	5.9	4.7	0.00488
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/5/2014

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	0.003938	7.7	6.2	.00	29.32	993.0	-2.3	.00	218.4
01:00	0.004104	7.7	6.5	.00	29.32	992.9	-2.8	.00	210.8
02:00	0.004293	8.2	6.8	.00	29.32	993.0	-2.5	.00	311.0
03:00	0.004636	8.4	7.3	.00	29.31	992.7	-2.2	.00	97.1
04:00	0.005011	8.6	7.9	.00	29.31	992.7	-1.8	.00	59.7
05:00	0.005044	8.6	8.0	.00	29.31	992.7	-1.8	.00	328.1
06:00	0.004993	9.0	7.9	.00	29.32	992.8	-2.4	.00	22.0
07:00	0.005043	9.2	8.0	.00	29.33	993.2	7.1	.01	228.7
08:00	0.005236	9.4	8.3	.00	29.34	993.5	48.1	.07	9.6
09:00	0.00572	9.5	9.1	.00	29.34	993.6	60.9	.09	213.7
10:00	0.006014	10.2	9.5	.00	29.35	993.8	25.5	.04	262.9
11:00	0.006803	11.5	10.8	.02	29.34	993.7	41.9	.06	335.7
12:00	0.007111	11.6	11.2	.02	29.32	993.1	69.1	.10	27.2
13:00	0.007467	11.9	11.8	.00	29.29	992.0	63.1	.09	53.3
14:00	0.007803	12.4	12.3	.00	29.27	991.4	31.9	.05	64.5
15:00	0.007748	12.3	12.2	.00	29.27	991.2	44.4	.06	61.4
16:00	0.007636	12.2	12.0	.02	29.27	991.4	14.7	.02	34.8
17:00	0.007823	12.4	12.3	.00	29.27	991.1	1.5	.00	63.1
18:00	0.007679	12.1	12.1	.01	29.26	991.1	-2.5	.00	43.0
19:00	0.007644	12.0	12.0	.00	29.25	990.7	-2.3	.00	31.5
20:00	0.007688	12.2	12.1	.00	29.24	990.2	-1.5	.00	34.5
21:00	0.007732	12.3	12.2	.00	29.23	989.9	-1.9	.00	349.6
22:00	0.007837	12.3	12.3	.01	29.22	989.6	-2.7	.00	110.2
23:00	0.007885	12.4	12.4	.03	29.20	988.9	-2.3	.00	207.6
Avg	0.00637	10.6	10.1	.00	29.29	992.0	15.8	.02	28.0
Max	0.007885	12.4	12.4	.03	29.35	993.8	69.1	.10	349.6
Hr. of Max	23	23	23	23	10	10	12	12	21
Min	0.003938	7.7	6.2	.00	29.20	988.9	-2.8	.00	9.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/5/2014

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	240.4	234.1	222.7	235.3	10.9	8.7	7.2	2.8	5.6
01:00	234.8	245.9	214.5	246.4	23.6	10.5	6.9	1.8	3.6
02:00	258.3	246.1	307.8	246.0	42.2	40.7	8.9	.5	1.0
03:00	293.0	279.3	101.7	278.3	58.6	51.3	15.9	.1	.2
04:00	62.2	341.9	72.3	336.4	37.7	18.4	18.1	.3	1.0
05:00	63.3	4.5	258.2	358.9	52.7	36.3	37.0	.4	.6
06:00	357.3	125.5	50.4	121.7	40.1	50.6	23.1	.2	.2
07:00	207.0	43.9	229.6	160.3	46.9	45.6	54.1	.8	.1
08:00	52.2	5.6	332.7	359.4	58.4	55.1	32.5	.2	.6
09:00	137.8	313.7	199.7	311.3	61.0	42.8	44.9	.1	.3
10:00	219.8	94.4	256.9	69.9	39.9	54.9	66.6	.5	.2
11:00	348.5	343.0	269.5	337.0	64.3	49.3	23.3	.2	.9
12:00	51.3	52.8	25.4	48.2	24.6	22.1	22.3	.6	1.0
13:00	58.4	56.7	52.5	51.6	27.1	15.9	12.2	1.3	2.1
14:00	65.6	66.2	65.3	62.7	24.2	17.0	12.8	1.4	2.5
15:00	67.2	68.9	63.8	64.9	27.0	20.3	13.3	2.2	3.6
16:00	46.8	48.5	34.9	43.2	29.5	17.4	12.1	1.1	2.4
17:00	66.2	61.1	65.3	57.1	17.0	15.2	10.3	1.6	3.0
18:00	50.6	59.6	44.4	55.3	30.0	15.7	11.6	1.7	3.6
19:00	39.5	50.1	30.7	45.0	21.3	13.7	8.5	1.2	2.7
20:00	57.0	70.3	34.4	66.8	34.4	18.3	12.8	.7	1.5
21:00	9.5	15.3	348.9	8.9	32.1	21.3	13.2	.6	1.4
22:00	56.6	56.3	131.5	53.5	62.4	59.9	73.9	.2	.4
23:00	194.4	225.3	214.6	225.6	28.7	18.9	42.8	.6	1.2
Avg	48.0	33.0	30.0	28.0	37.3	30.0	24.3	.0	.0
Max	357.3	343.0	348.9	359.4	64.3	59.9	73.9	2.8	5.6
Hr. of Max	06	11	21	08	11	22	22	00	00
Min	9.5	4.5	25.4	8.9	10.9	8.7	6.9	.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)

11/5/2014

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	8.4	2.9	5.7	8.5	3.3	9.2	.7	1.3	.02
01:00	5.7	1.9	3.8	5.7	2.3	6.2	.2	2.1	.01
02:00	2.2	.7	1.3	2.3	1.1	2.7	3.5	.9	.06
03:00	1.3	.2	.3	1.3	.5	1.6	2.4	1.9	.04
04:00	1.1	.4	1.1	1.2	.9	1.6	2.7	.5	.05
05:00	.4	.8	1.0	.9	1.3	1.3	3.3	1.1	.05
06:00	.2	.4	.3	.4	.8	1.0	3.7	.6	.05
07:00	.0	.9	.1	.1	1.4	.5	1.4	-.3	.02
08:00	1.0	.5	.8	1.4	.9	1.8	2.9	1.4	.04
09:00	.5	.1	.4	.7	.6	1.1	2.1	1.7	.03
10:00	.1	.6	.6	.4	1.1	.9	1.5	1.1	.02
11:00	1.6	.5	1.1	1.9	1.0	2.3	4.6	2.9	.07
12:00	1.1	.7	1.1	1.2	1.1	1.8	-4.1	-3.0	-.11
13:00	2.3	1.5	2.3	2.4	1.8	2.9	-4.1	-4.3	-.18
14:00	2.8	1.5	2.7	2.9	2.0	3.4	-.2	3.7	-.04
15:00	4.8	2.5	3.9	5.0	3.1	5.6	2.2	4.7	.08
16:00	3.0	1.2	2.5	3.1	1.6	3.5	-3.5	-2.3	-.17
17:00	3.4	1.7	3.1	3.5	2.0	4.0	-2.5	-.7	-.14
18:00	3.9	1.9	3.7	4.0	2.2	4.4	-3.7	-2.2	-.23
19:00	3.3	1.3	2.8	3.4	1.6	3.9	-3.5	-2.9	-.15
20:00	1.4	.7	1.6	1.4	1.1	1.9	-1.6	-.9	-.06
21:00	1.6	.7	1.5	1.9	1.1	2.3	-1.2	-1.4	-.07
22:00	.8	.9	1.3	1.6	1.4	2.1	3.1	2.0	.03
23:00	1.5	.6	1.4	1.5	1.3	2.1	1.6	-.8	.03
Avg	.0	1.0	1.9	2.4	1.5	2.8	.5	.3	-.02
Max	8.4	2.9	5.7	8.5	3.3	9.2	4.6	4.7	.08
Hr. of Max	00	00	00	00	00	00	11	15	15
Min	.0	.1	.1	.1	.5	.5	-4.1	-4.3	-.23
Count	24	24	24	24	24	24	24	24	24
Total									

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11/5/2014

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	.18	6.6	12.1	15.3	6.9	14.4	6.7	4.7
01:00	.21	6.0	10.8	14.7	5.8	11.0	7.5	5.3
02:00	.04	2.5	3.7	4.8	2.8	5.4	8.8	5.1
03:00	.05	1.6	1.6	2.7	1.8	3.1	6.6	6.6
04:00	.02	1.8	2.7	3.7	2.2	4.1	7.8	11.0
05:00	.04	3.2	2.7	2.5	3.8	2.9	9.8	11.6
06:00	.02	1.6	1.8	1.4	2.0	1.7	7.9	11.1
07:00	-.01	2.3	1.1	1.1	3.0	1.7	5.1	7.8
08:00	.05	3.2	4.1	3.9	3.9	4.4	10.9	7.3
09:00	.02	1.4	2.1	2.1	1.8	2.9	14.6	9.3
10:00	.03	2.1	2.1	2.5	2.6	3.0	8.1	10.8
11:00	.10	2.3	5.3	4.1	2.8	4.8	16.7	14.3
12:00	-.10	2.5	2.5	2.5	2.9	3.4	17.6	9.0
13:00	-.22	3.7	4.4	4.4	4.2	5.1	19.9	9.1
14:00	.17	4.8	6.0	6.6	5.4	5.8	18.9	10.3
15:00	.40	7.3	8.2	8.5	8.9	9.1	19.9	9.5
16:00	-.15	4.8	11.2	12.4	5.3	7.2	16.4	6.6
17:00	-.09	5.7	7.1	7.6	6.3	8.4	14.0	6.1
18:00	-.18	7.1	11.7	15.3	5.9	8.5	16.7	7.1
19:00	-.22	4.6	7.8	6.4	3.9	6.6	13.7	4.9
20:00	-.03	2.7	3.9	3.7	3.1	4.1	13.8	8.4
21:00	-.08	2.7	6.6	4.1	3.2	4.5	13.8	7.5
22:00	-.04	6.4	7.8	9.8	6.7	10.4	18.3	20.4
23:00	-.03	3.0	4.1	7.6	3.2	8.6	10.4	18.1
Avg	.01	3.7	5.5	6.2	4.1	5.9	12.7	9.2
Max	.40	7.3	12.1	15.3	8.9	14.4	19.9	20.4
Hr. of Max	15	15	00	18	15	00	15	22
Min	-.22	1.4	1.1	1.1	1.8	1.7	5.1	4.7
Count	24	24	24	24	24	24	24	24
Total								