Date Printed: 11/12/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

11/11/2014

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	3.3	6.1	7.8	10.9	2.84	4.54	7.61	1.71	4.77
01:00	2.7	5.7	7.0	9.8	3.01	4.38	7.17	1.37	4.16
02:00	2.3	4.9	6.5	9.0	2.63	4.26	6.75	1.63	4.12
03:00	2.1	4.5	6.1	9.3	2.40	4.00	7.18	1.60	4.78
04:00	1.9	4.1	5.4	8.2	2.14	3.48	6.26	1.34	4.12
05:00	1.5	3.2	4.4	6.5	1.72	2.88	5.02	1.16	3.29
06:00	1.4	3.1	4.0	6.6	1.73	2.59	5.19	.87	3.46
07:00	2.0	3.7	4.9	7.5	1.74	2.89	5.52	1.15	3.78
08:00	5.4	5.5	6.2	9.2	.14	.77	3.84	.63	3.71
09:00	10.6	10.2	10.5	10.9	-.44	-.17	.23	.27	.67
10:00	13.9	13.2	12.9	12.8	-.72	-1.01	-1.10	-.29	-.38
11:00	16.1	15.3	15.0	14.9	-.86	-1.18	-1.28	-.32	-.42
12:00	18.4	17.5	17.1	17.0	-.94	-1.28	-1.43	-.34	-.49
13:00	19.9	19.0	18.6	18.5	-.90	-1.24	-1.38	-.33	-.48
14:00	20.4	19.7	19.3	19.2	-.69	-1.05	-1.20	-.35	-.51
15:00	20.4	20.0	19.7	19.6	-.41	-.69	-.82	-.28	-.41
16:00	20.0	20.0	19.7	19.6	.00	-.23	-.33	-.23	-.33
17:00	18.1	19.0	18.9	18.9	.85	.78	.78	-.07	-.07
18:00	14.8	17.6	17.8	17.9	2.83	3.03	3.13	.19	.30
19:00	12.7	15.7	16.7	17.2	3.02	4.00	4.52	.98	1.50
20:00	12.1	14.5	15.7	16.7	2.37	3.56	4.53	1.19	2.16
21:00	12.3	14.3	15.0	16.1	1.93	2.66	3.80	.73	1.87
22:00	12.7	14.0	14.7	15.5	1.34	2.02	2.86	.68	1.52
23:00	12.8	14.0	14.4	15.4	1.26	1.64	2.59	.39	1.34
Avg	10.7	11.9	12.4	13.6	1.12	1.69	2.89	.57	1.77
Max	20.4	20.0	19.7	19.6	3.02	4.54	7.61	1.71	4.78
Hr. of Max	15	16	16	16	19	00	00	00	03
Min	1.4	3.1	4.0	6.5	-.94	-1.28	-1.43	-.35	-.51
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/11/2014

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	2.0	3.8	2.4	11.3	92.1	85.8	5.5	6.2	0.004497
01:00	1.5	3.9	1.9	11.2	92.8	88.9	5.4	6.3	0.004341
02:00	1.2	3.5	1.5	11.0	93.1	91.4	5.2	6.1	0.00423
03:00	1.1	3.3	1.4	10.8	93.5	92.5	5.2	6.1	0.00421
04:00	.9	3.0	1.2	10.6	93.4	93.7	5.1	5.9	0.00414
05:00	.4	2.3	.8	10.4	93.4	94.2	5.0	5.6	0.004005
06:00	.4	2.2	.7	10.3	93.8	94.5	5.0	5.6	0.004
07:00	1.0	2.7	1.4	10.1	94.1	94.1	5.2	5.8	0.004184
08:00	3.6	3.5	4.2	10.0	89.0	87.4	6.2	6.1	0.00503
09:00	6.0	5.2	7.6	9.9	74.4	72.1	7.2	6.8	0.00599
10:00	5.7	5.3	8.5	10.0	58.4	59.2	7.0	6.8	0.005878
11:00	5.8	5.3	9.2	10.2	51.1	52.3	7.0	6.8	0.005917
12:00	5.7	5.4	10.0	10.4	44.1	45.8	6.9	6.8	0.005914
13:00	6.6	6.4	11.0	10.8	42.8	44.5	7.3	7.2	0.006305
14:00	6.9	6.7	11.4	11.3	42.4	43.5	7.4	7.3	0.006431
15:00	7.3	7.1	11.6	11.7	43.4	44.0	7.6	7.5	0.006596
16:00	7.9	7.7	11.9	12.0	46.4	45.9	7.9	7.9	0.006871
17:00	8.3	8.2	11.6	12.3	53.6	50.3	8.2	8.1	0.007062
18:00	8.5	8.1	10.6	12.5	66.7	54.6	8.4	8.1	0.007113
19:00	8.3	8.1	9.7	12.5	75.5	61.5	8.3	8.1	0.007007
20:00	8.2	8.3	9.5	12.5	77.7	67.1	8.3	8.3	0.006969
21:00	8.7	8.1	9.9	12.5	79.3	67.6	8.5	8.2	0.007194
22:00	9.0	8.3	10.2	12.5	79.4	69.6	8.7	8.3	0.007369
23:00	9.2	8.4	10.4	12.5	79.9	69.6	8.8	8.3	0.007461
Avg	5.2	5.6	7.0	11.2	72.9	69.6	6.9	7.0	0.00578
Max	9.2	8.4	11.9	12.5	94.1	94.5	8.8	8.3	0.007461
Hr. of Max	23	23	16	23	07	06	23	23	23
Min	.4	2.2	.7	9.9	42.4	43.5	5.0	5.6	0.004
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/11/2014

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	0.005112	7.1	8.0	.00	29.07	984.6	-2.4	.00	244.3
01:00	0.005139	6.8	8.1	.00	29.07	984.6	-2.2	.00	251.2
02:00	0.005	6.7	7.9	.00	29.07	984.6	-2.4	.00	260.4
03:00	0.004937	6.6	7.8	.00	29.09	985.2	-2.4	.00	240.5
04:00	0.004836	6.5	7.6	.00	29.11	985.7	-2.4	.00	212.3
05:00	0.004571	6.3	7.2	.00	29.13	986.3	-2.0	.00	234.4
06:00	0.004558	6.3	7.2	.00	29.13	986.5	-2.3	.00	62.1
07:00	0.004731	6.6	7.4	.00	29.13	986.6	28.5	.04	65.9
08:00	0.004983	7.9	7.8	.00	29.14	986.8	219.8	.32	128.4
09:00	0.005649	9.4	8.9	.00	29.13	986.6	389.1	.56	203.6
10:00	0.005683	9.2	8.9	.00	29.13	986.5	508.1	.73	232.9
11:00	0.005728	9.3	9.0	.00	29.11	985.7	603.9	.87	225.3
12:00	0.005783	9.3	9.1	.00	29.08	984.7	628.7	.90	225.5
13:00	0.006194	9.9	9.7	.00	29.04	983.4	549.0	.79	207.9
14:00	0.00632	10.1	9.9	.00	29.03	983.2	489.0	.70	215.1
15:00	0.006521	10.3	10.2	.00	29.02	982.8	344.0	.49	195.1
16:00	0.006799	10.7	10.6	.00	29.02	982.8	154.4	.22	194.2
17:00	0.007011	11.0	11.0	.00	29.02	982.9	9.9	.01	208.3
18:00	0.006976	11.1	10.9	.00	29.03	983.2	-2.7	.00	219.9
19:00	0.006935	11.0	10.8	.00	29.03	983.2	-2.4	.00	2.8
20:00	0.007026	10.9	11.0	.00	29.04	983.3	-2.3	.00	353.8
21:00	0.006954	11.2	10.9	.00	29.05	983.7	-2.4	.00	169.7
22:00	0.007045	11.5	11.0	.00	29.05	983.8	-1.8	.00	249.3
23:00	0.00706	11.7	11.0	.00	29.05	983.9	-2.2	.00	244.7
Avg	0.005898	9.1	9.2	.00	29.07	984.6	162.3	.23	221.0
Max	0.00706	11.7	11.0	.00	29.14	986.8	628.7	.90	353.8
Hr. of Max	23	23	23	23	08	08	12	12	20
Min	0.004558	6.3	7.2	.00	29.02	982.8	-2.7	.00	2.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/11/2014

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	232.3	235.8	249.6	238.2	32.4	16.3	24.6	1.9	3.5
01:00	224.7	227.9	255.9	230.0	30.4	14.7	23.4	1.3	3.7
02:00	236.2	229.3	259.2	231.2	64.5	20.9	21.2	.3	2.0
03:00	225.1	236.0	245.3 +	238.0	46.2	26.0	20.2	.4	1.8
04:00	245.4	209.3	224.4	211.5	42.4	13.1	14.8	.9	1.8
05:00	233.8	222.6	239.8	225.1	27.1	44.3	9.9	.7	2.2
06:00	62.4	228.4	53.5	233.1	56.2	31.3	42.6	.6	1.8
07:00	54.5	35.7	66.2	31.4	27.1	12.9	20.1	.8	2.6
08:00	150.0	273.9	149.2	274.9	32.1	54.1	20.7	.1	.2
09:00	237.8	247.9	210.9	249.6	22.0	15.5	12.8	2.5	3.8
10:00	243.3	244.5	238.8	246.1	27.7	25.4	21.0	5.1	6.1
11:00	233.6	229.8	232.5	232.4	23.2	18.9	15.4	6.5	8.3
12:00	231.7	227.3	234.0	230.0	22.2	17.1	14.0	8.6	11.4
13:00	215.7	214.5	215.7	217.0	25.3	23.0	20.7	7.3	9.3
14:00	223.4	222.4	222.6	225.2	26.5	19.9	15.1	7.0	9.3
15:00	204.2	203.7	201.9	206.1	21.7	20.5	22.1	5.9	6.9
16:00	200.4	198.9	202.0	201.1	22.6	16.6	14.2	4.6	6.4
17:00	205.7	197.1	214.9	198.9	19.0	13.1	11.4	3.2	5.2
18:00	207.5	197.0	226.1	199.3	14.2	10.1	9.0	2.5	4.6
19:00	212.2	205.6	347.2	208.0	54.9	37.3	9.8	.4	2.5
20:00	277.7	265.3	285.7	264.9	39.9	38.2	28.9	.2	.3
21:00	209.4	250.2	176.9	251.8	83.0	71.5	23.2	.1	.1
22:00	58.6	222.3	245.8	222.5	68.7	59.4	33.0	.1	.2
23:00	284.5	226.7	244.4	228.2	49.2	62.1	16.4	.2	.0
Avg	223.0	227.0	229.0	229.0	36.6	28.4	19.4	.0	.0
Max	284.5	273.9	347.2	274.9	83.0	71.5	42.6	8.6	11.4
Hr. of Max	23	08	19	08	21	21	06	12	12
Min	54.5	35.7	53.5	31.4	14.2	10.1	9.0	.1	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/11/2014

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	4.0	2.3	3.7	4.4	2.7	4.8	-.3	2.0	-.03
01:00	3.6	1.6	3.8	4.1	2.0	4.5	-.6	1.4	-.03
02:00	2.7	.6	2.1	3.0	1.2	3.5	.7	.5	.01
03:00	3.6	.7	2.0	4.0	1.2	4.4	1.6	1.4	.03
04:00	2.7	1.0	1.9	2.8	1.5	3.3	2.5	.1	.05
05:00	2.7	.8	2.2	2.8	1.4	3.3	.6	.3	.00
06:00	.9	.7	1.9	1.3	1.1	1.9	1.0	1.1	-.01
07:00	1.2	.9	2.7	1.3	1.4	1.8	2.5	.0	.05
08:00	1.8	.3	.6	2.5	.8	2.9	2.6	.3	.06
09:00	4.9	3.0	4.1	5.1	3.5	5.7	-1.1	.0	-.15
10:00	6.6	5.7	6.6	7.1	6.4	7.9	-.5	.1	-.24
11:00	9.5	7.0	8.8	9.8	7.8	10.6	-1.3	-2.4	-.39
12:00	13.4	9.2	11.9	13.8	10.3	14.8	-.6	-1.0	-.41
13:00	10.7	8.0	9.9	11.4	8.7	12.2	1.7	.5	-.02
14:00	11.2	7.7	9.9	11.7	8.5	12.5	1.8	.0	-.02
15:00	7.6	6.3	7.4	8.2	6.9	8.8	.0	.4	-.14
16:00	7.7	5.0	6.7	7.9	5.5	8.4	2.5	.2	.09
17:00	6.6	3.5	5.4	6.8	4.0	7.1	-.6	-1.3	-.11
18:00	6.0	2.6	4.7	6.1	3.0	6.5	-.1	-.1	-.04
19:00	5.3	.9	3.0	5.4	1.3	5.8	1.6	.7	.03
20:00	2.0	.4	.7	2.1	.8	2.4	1.9	2.1	.03
21:00	1.4	.2	.2	1.6	.6	2.0	2.3	1.8	.04
22:00	.7	.4	.4	1.0	1.0	1.4	2.9	.4	.04
23:00	1.4	.3	.1	1.5	.7	1.9	2.4	.7	.03
Avg	.0	2.9	4.2	5.2	3.4	5.8	1.0	.4	-.05
Max	13.4	9.2	11.9	13.8	10.3	14.8	2.9	2.1	.09
Hr. of Max	12	12	12	12	12	12	22	20	16
Min	.7	.2	.1	1.0	.6	1.4	-1.3	-2.4	-.41
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/11/2014

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	.15	5.5	8.0	8.7	5.9	9.5	8.6	8.8
01:00	.10	6.0	7.1	12.1	6.6	9.6	9.0	7.0
02:00	.03	3.4	4.4	7.1	3.9	6.1	10.6	6.4
03:00	.11	5.5	3.9	8.2	4.8	10.0	10.2	7.0
04:00	.02	3.2	4.4	8.7	4.2	5.8	7.9	4.6
05:00	.03	3.0	4.6	7.1	3.6	5.1	6.3	4.0
06:00	.01	3.4	5.5	4.8	3.5	5.4	8.7	14.8
07:00	.01	3.0	8.0	2.7	3.8	3.2	10.1	11.5
08:00	.03	2.1	3.4	4.8	2.7	5.2	18.3	5.9
09:00	-.08	8.9	10.3	10.5	9.7	11.4	13.4	9.6
10:00	-.15	13.1	14.9	14.9	14.7	16.3	17.4	15.2
11:00	-.55	16.9	17.4	19.2	17.0	20.5	14.4	11.7
12:00	-.40	23.4	27.2	32.1	26.2	24.3	15.4	9.4
13:00	-.19	19.0	20.6	22.7	19.8	22.8	16.7	13.2
14:00	-.18	28.9	28.2	29.3	20.6	24.1	16.6	10.1
15:00	-.19	18.3	23.4	25.6	16.1	16.5	14.8	13.8
16:00	-.12	13.3	14.4	14.4	15.4	15.3	15.5	11.0
17:00	-.23	11.0	11.4	12.4	10.2	12.9	12.0	8.1
18:00	-.05	6.2	8.9	10.8	7.4	10.7	8.4	6.9
19:00	.04	3.2	8.0	11.9	3.4	12.2	13.2	5.6
20:00	.09	2.7	2.7	4.8	3.1	5.3	8.7	7.5
21:00	.06	1.8	1.4	6.4	2.2	4.7	9.4	9.2
22:00	.01	2.1	2.1	2.7	2.4	3.2	7.9	7.5
23:00	.03	1.4	1.1	3.2	1.7	3.7	8.1	8.1
Avg	-.06	8.6	10.1	11.9	8.7	11.0	11.7	9.0
Max	.15	28.9	28.2	32.1	26.2	24.3	18.3	15.2
Hr. of Max	00	14	14	12	12	12	08	10
Min	-.55	1.4	1.1	2.7	1.7	3.2	6.3	4.0
Count	24	24	24	24	24	24	24	24
Total								