Date Printed: 12/03/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/2/2014

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	9.1	9.0	8.8	8.8	-.09	-.23	-.28	-.15	-.19
01:00	8.7	8.6	8.5	8.5	-.10	-.23	-.24	-.13	-.15
02:00	8.7	8.7	8.6	8.5	-.08	-.18	-.21	-.10	-.12
03:00	8.8	8.7	8.6	8.6	-.06	-.19	-.21	-.13	-.15
04:00	8.8	8.8	8.7	8.7	-.04	-.16	-.17	-.11	-.12
05:00	8.8	8.8	8.6	8.6	-.05	-.16	-.16	-.12	-.12
06:00	8.8	8.7	8.6	8.6	-.04	-.17	-.20	-.13	-.16
07:00	8.8	8.8	8.6	8.6	-.03	-.17	-.23	-.15	-.20
08:00	8.9	8.8	8.7	8.6	-.08	-.23	-.29	-.15	-.20
09:00	9.4	9.3	9.1	9.0	-.14	-.34	-.40	-.20	-.26
10:00	9.8	9.6	9.5	9.4	-.13	-.30	-.33	-.17	-.19
11:00	10.2	10.1	9.9	9.8	-.15	-.35	-.40	-.20	-.24
12:00	11.2	11.0	10.8	10.8	-.18	-.37	-.39	-.18	-.20
13:00	12.0	11.9	11.7	11.7	-.13	-.28	-.30	-.15	-.17
14:00	12.6	12.5	12.4	12.4	-.06	-.19	-.17	-.13	-.11
15:00	12.3	12.3	12.2	12.2	-.05	-.18	-.12	-.13	-.06
16:00	12.5	12.4	12.3	12.3	-.03	-.17	-.14	-.14	-.11
17:00	12.2	12.3	12.3	12.5	.13	.04	.28	-.08	.16
18:00	12.0	12.4	12.9	13.3	.42	.98	1.32	.56	.90
19:00	11.9	12.4	13.0	13.4	.44	1.05	1.42	.61	.98
20:00	12.1	12.8	13.2	13.5	.65	1.11	1.39	.46	.74
21:00	12.4	13.6	13.8	14.0	1.21	1.37	1.62	.17	.41
22:00	12.9	13.8	13.9	14.2	.94	1.04	1.26	.10	.33
23:00	13.1	14.0	14.0	14.3	.83	.89	1.11	.06	.28
Avg	10.7	10.8	10.8	10.8	.13	.11	.17	-.02	.04
Max	13.1	14.0	14.0	14.3	1.21	1.37	1.62	.61	.98
Hr. of Max	23	23	23	23	21	21	21	19	19
Min	8.7	8.6	8.5	8.5	-.18	-.37	-.40	-.20	-.26
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/2/2014

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	8.0	8.0	8.4	10.8	94.1	94.6	8.3	8.3	0.006792
01:00	7.7	7.7	8.1	10.7	94.5	94.9	8.1	8.1	0.006669
02:00	7.8	7.8	8.1	10.7	95.1	95.5	8.2	8.2	0.00671
03:00	7.9	7.9	8.2	10.6	95.0	95.5	8.2	8.2	0.006723
04:00	7.9	7.9	8.2	10.5	94.9	95.3	8.2	8.2	0.006741
05:00	7.8	7.9	8.2	10.5	94.8	95.3	8.2	8.2	0.006719
06:00	7.8	7.8	8.1	10.4	94.6	94.8	8.1	8.1	0.006688
07:00	7.8	7.8	8.1	10.3	94.5	94.8	8.1	8.1	0.00669
08:00	8.0	7.9	8.3	10.3	94.7	95.0	8.2	8.2	0.006773
09:00	8.2	8.3	8.6	10.2	93.4	94.4	8.4	8.4	0.006899
10:00	8.8	8.8	9.1	10.3	94.8	95.3	8.7	8.7	0.007174
11:00	9.2	9.2	9.5	10.3	94.5	95.7	8.9	8.9	0.007378
12:00	10.1	10.1	10.5	10.4	94.3	95.2	9.4	9.4	0.007846
13:00	11.0	10.9	11.3	10.5	94.5	95.2	10.0	10.0	0.00832
14:00	11.5	11.6	11.9	10.6	94.4	95.3	10.3	10.4	0.008645
15:00	11.4	11.5	11.7	10.8	95.2	96.1	10.2	10.3	0.008573
16:00	11.5	11.6	11.8	10.9	95.4	96.3	10.3	10.4	0.008661
17:00	11.3	11.6	11.6	11.0	95.8	96.7	10.2	10.4	0.008553
18:00	11.2	11.7	11.4	11.0	96.0	96.8	10.1	10.4	0.00844
19:00	11.1	11.7	11.4	11.0	96.2	96.9	10.1	10.4	0.008436
20:00	11.3	12.1	11.6	11.0	96.3	96.9	10.2	10.7	0.008537
21:00	11.6	12.8	11.9	11.1	96.4	96.2	10.4	11.2	0.008706
22:00	12.1	12.9	12.4	11.1	96.5	95.2	10.7	11.2	0.00902
23:00	12.4	13.0	12.6	11.1	96.3	95.3	10.9	11.3	0.009153
Avg	9.7	9.9	10.0	10.7	95.1	95.6	9.3	9.4	0.007702
Max	12.4	13.0	12.6	11.1	96.5	96.9	10.9	11.3	0.009153
Hr. of Max	23	23	23	23	22	20	23	23	23
Min	7.7	7.7	8.1	10.2	93.4	94.4	8.1	8.1	0.006669
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/2/2014

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	0.006786	10.8	10.7	.01	29.40	995.8	-2.2	.00	266.3
01:00	0.006652	10.6	10.5	.00	29.39	995.3	-2.1	.00	333.4
02:00	0.006702	10.6	10.6	.02	29.38	995.1	-2.7	.00	353.7
03:00	0.006731	10.6	10.7	.01	29.38	994.9	-2.3	.00	36.5
04:00	0.006752	10.7	10.7	.00	29.37	994.7	-2.4	.00	42.3
05:00	0.006734	10.6	10.7	.10	29.37	994.6	-2.7	.00	36.0
06:00	0.006688	10.6	10.6	.01	29.37	994.8	-3.0	.00	57.9
07:00	0.006697	10.6	10.6	.03	29.38	994.9	-1.4	.00	70.8
08:00	0.00675	10.7	10.7	.00	29.38	994.9	20.0	.03	351.1
09:00	0.006907	10.9	10.9	.02	29.38	995.1	61.5	.09	287.2
10:00	0.007152	11.3	11.3	.06	29.39	995.3	30.3	.04	227.1
11:00	0.00739	11.7	11.7	.02	29.37	994.6	112.8	.16	175.9
12:00	0.007827	12.4	12.3	.00	29.35	993.8	104.2	.15	211.0
13:00	0.008316	13.1	13.1	.02	29.32	993.0	107.2	.15	163.5
14:00	0.008692	13.6	13.7	.01	29.30	992.4	39.7	.06	308.2
15:00	0.008623	13.5	13.6	.02	29.30	992.2	39.3	.06	358.0
16:00	0.008724	13.6	13.7	.02	29.29	992.1	15.7	.02	209.7
17:00	0.008707	13.5	13.7	.04	29.29	992.0	-.4	.00	225.6
18:00	0.008742	13.3	13.8	.01	29.30	992.1	-2.6	.00	231.8
19:00	0.008751	13.3	13.8	.00	29.30	992.3	-2.8	.00	218.9
20:00	0.008967	13.4	14.1	.04	29.31	992.5	-2.4	.00	220.1
21:00	0.009403	13.7	14.8	.01	29.31	992.4	-2.1	.00	235.5
22:00	0.009457	14.2	14.9	.02	29.30	992.2	-2.0	.00	235.9
23:00	0.009555	14.4	15.0	.00	29.29	991.9	-2.0	.00	234.7
Avg	0.007821	12.2	12.3	.02	29.34	993.7	20.7	.03	261.0
Max	0.009555	14.4	15.0	.10	29.40	995.8	112.8	.16	358.0
Hr. of Max	23	23	23	05	00	00	11	11	15
Min	0.006652	10.6	10.5	.00	29.29	991.9	-3.0	.00	36.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/2/2014

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	300.5	335.1	275.4	335.9	51.9	67.0	51.6	.7	.9
01:00	344.0	14.2	325.7	8.7	42.9	29.4	41.6	.7	1.4
02:00	23.3	42.3	352.5	36.8	22.7	14.8	8.2	.9	2.0
03:00	43.9	49.2	36.8	44.3	34.1	13.3	9.4	1.0	2.9
04:00	45.4	43.5	43.7	37.9	28.6	18.2	17.2	1.0	2.1
05:00	48.8	54.0	34.6	49.1	44.6	17.7	13.7	.9	3.0
06:00	62.4	65.7	59.5	61.4	28.3	21.1	15.7	1.2	2.4
07:00	73.8	68.0	72.9	63.7	28.9	26.8	22.0	1.3	2.0
08:00	2.6	12.5	352.5	7.2	48.9	31.3	19.7	1.1	2.0
09:00	336.7	331.2	282.3	328.7	47.9	59.5	26.1	.2	.5
10:00	278.5	298.7	232.4	300.4	45.4	28.9	26.7	.6	.5
11:00	202.9	225.5	193.5	229.0	32.8	61.2	60.9	.2	.3
12:00	236.1	241.2	227.0	243.5	38.3	29.7	23.4	.5	1.0
13:00	190.6	230.9	183.6	240.1	44.2	49.4	40.7	.3	.6
14:00	281.5	271.5	307.4	271.4	47.6	38.9	31.8	.3	.5
15:00	337.9	254.2	336.8	255.6	72.5	59.5	57.9	.6	.5
16:00	233.0	246.0	222.4	259.9	23.7	19.8	17.8	.3	.2
17:00	238.4	215.2	250.8	221.1	41.7	41.7	40.7	.4	.7
18:00	258.3	239.2	236.8	241.2	13.0	8.3	8.2	1.7	3.3
19:00	249.0	256.0	225.0	257.8	16.5	12.5	7.4	1.8	3.0
20:00	248.4	243.1	225.5	245.1	15.2	9.5	6.4	2.0	4.2
21:00	243.4	232.1	240.8	234.5	15.1	8.0	5.9	2.4	5.2
22:00	241.7	233.8	241.0	236.0	14.2	9.1	7.0	2.6	5.2
23:00	243.7	235.1	241.0	237.2	21.2	11.7	7.4	2.3	4.6
Avg	287.0	281.0	270.0	287.0	34.2	28.6	23.6	.0	.0
Max	344.0	335.1	352.5	335.9	72.5	67.0	60.9	2.6	5.2
Hr. of Max	01	00	08	00	15	00	11	22	22
Min	2.6	12.5	34.6	7.2	13.0	8.0	5.9	.2	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/2/2014

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	1.1	.9	1.1	1.3	1.5	1.7	.3	4.7	-.03
01:00	1.5	.8	1.7	1.7	1.3	2.2	2.9	2.0	.01
02:00	3.0	1.0	2.1	3.0	1.5	3.5	-5.5	-2.5	-.18
03:00	3.3	1.2	3.0	3.3	1.6	3.7	-2.9	-3.3	-.14
04:00	2.4	1.2	2.3	2.6	1.6	3.0	-2.9	-2.8	-.12
05:00	3.4	1.2	3.2	3.5	1.7	3.9	-1.1	-1.4	-.09
06:00	3.0	1.3	2.7	3.2	1.9	3.6	-.8	.1	-.02
07:00	2.6	1.7	2.7	3.2	2.2	3.6	2.4	.6	.07
08:00	2.4	1.3	2.2	2.7	1.6	3.2	-1.6	.2	-.10
09:00	.7	.5	.7	.9	1.0	1.4	-.6	-5.3	-.02
10:00	.6	1.3	2.0	2.1	1.7	2.6	-1.4	.0	-.06
11:00	.3	.3	.4	.4	1.0	.9	2.7	-2.7	.11
12:00	1.9	.6	1.1	2.0	1.2	2.4	6.2	-.1	.10
13:00	1.2	.6	1.1	1.6	1.2	2.1	-.5	-6.5	-.03
14:00	1.3	.5	.8	1.4	1.1	1.8	-8.0	-4.1	-.18
15:00	.6	.7	.8	.8	1.2	1.2	-.8	-.1	-.06
16:00	.3	.3	.3	.4	.9	.8	2.7	-1.4	.03
17:00	1.2	.5	.7	1.2	1.0	1.7	1.1	.7	.01
18:00	4.9	1.8	3.4	5.1	2.3	5.5	1.7	.5	.07
19:00	4.9	1.9	3.1	5.0	2.4	5.3	.6	1.4	.02
20:00	6.6	2.1	4.3	6.7	2.6	7.1	.0	1.4	-.01
21:00	7.6	2.5	5.3	7.7	3.0	8.3	.0	1.0	-.04
22:00	7.6	2.8	5.3	7.7	3.4	8.3	-1.2	1.1	-.10
23:00	7.0	2.5	4.7	7.1	3.0	7.5	-.4	1.5	-.07
Avg	.0	1.2	2.3	3.1	1.7	3.6	-.3	-.6	-.03
Max	7.6	2.8	5.3	7.7	3.4	8.3	6.2	4.7	.11
Hr. of Max	22	22	22	22	22	22	12	00	11
Min	.3	.3	.3	.4	.9	.8	-8.0	-6.5	-.18
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/2/2014

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	.03	4.1	4.6	5.3	4.5	5.7	16.3	20.8
01:00	.00	3.4	5.3	5.0	3.4	5.6	16.3	10.9
02:00	-.16	3.4	4.6	7.8	3.8	5.8	14.7	5.8
03:00	-.22	3.4	5.7	6.0	4.8	6.0	19.3	4.8
04:00	-.12	3.7	7.6	9.6	4.0	5.7	15.2	6.7
05:00	-.10	3.7	5.7	5.5	4.8	6.4	21.9	6.2
06:00	.00	4.8	5.7	6.0	5.4	6.4	16.5	6.6
07:00	.03	4.1	5.7	7.3	4.9	6.1	13.6	8.0
08:00	-.03	4.1	4.8	5.3	5.1	5.9	19.1	10.0
09:00	-.10	2.5	4.1	5.3	3.3	4.6	25.0	20.3
10:00	-.01	3.7	4.6	5.3	4.6	5.0	14.1	9.5
11:00	-.05	2.3	2.1	2.1	2.9	2.4	27.1	23.6
12:00	-.05	3.2	4.1	4.8	3.8	5.4	21.3	14.0
13:00	-.17	3.7	4.6	6.0	4.1	6.3	20.5	19.9
14:00	-.11	3.2	2.7	3.7	3.8	3.9	18.9	16.8
15:00	.00	3.4	3.2	4.6	3.7	4.7	17.3	17.9
16:00	-.01	1.6	1.8	1.6	2.1	1.9	10.5	9.7
17:00	-.01	1.8	2.3	4.4	2.5	4.6	8.6	10.7
18:00	.06	3.4	6.2	9.2	4.0	9.7	4.9	3.4
19:00	.12	4.4	9.4	11.7	4.1	10.1	5.9	5.0
20:00	.15	3.7	7.6	10.1	4.8	10.8	6.0	4.3
21:00	.13	6.4	11.2	17.2	7.4	12.2	7.9	3.7
22:00	.15	8.9	10.8	14.0	7.0	11.7	7.8	3.8
23:00	.18	6.2	8.2	17.4	6.3	11.8	9.5	4.0
Avg	-.01	3.9	5.5	7.3	4.4	6.6	14.9	10.3
Max	.18	8.9	11.2	17.4	7.4	12.2	27.1	23.6
Hr. of Max	23	22	21	23	21	21	11	11
Min	-.22	1.6	1.8	1.6	2.1	1.9	4.9	3.4
Count	24	24	24	24	24	24	24	24
Total								