Date Printed: 12/29/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/28/2014

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	8.1	8.4	8.6	8.9	.22	.46	.80	.24	.58
01:00	8.2	8.6	8.7	8.9	.31	.48	.69	.18	.39
02:00	8.4	8.6	8.6	8.9	.21	.26	.50	.05	.29
03:00	8.4	8.5	8.9	9.3	.12	.45	.83	.33	.71
04:00	8.6	9.2	9.4	9.5	.53	.75	.88	.22	.35
05:00	9.0	9.6	9.7	9.7	.61	.70	.79	.09	.17
06:00	9.2	9.5	9.6	9.8	.30	.39	.58	.09	.28
07:00	9.7	9.9	10.0	10.1	.21	.25	.37	.04	.16
08:00	9.9	10.1	10.2	10.2	.25	.28	.37	.02	.12
09:00	10.3	10.4	10.4	10.5	.14	.11	.22	-.03	.08
10:00	10.7	10.7	10.6	10.6	.02	-.11	-.04	-.13	-.06
11:00	10.9	10.9	10.7	10.7	-.03	-.21	-.22	-.18	-.19
12:00	10.9	10.9	10.7	10.6	-.04	-.23	-.28	-.19	-.24
13:00	10.9	10.8	10.6	10.5	-.14	-.35	-.42	-.21	-.28
14:00	11.2	11.0	10.8	10.8	-.12	-.32	-.39	-.20	-.27
15:00	11.3	11.2	11.1	11.0	-.08	-.26	-.34	-.18	-.26
16:00	11.2	11.2	11.1	11.0	.01	-.16	-.21	-.17	-.22
17:00	10.8	10.9	10.8	10.7	.09	-.06	-.14	-.15	-.23
18:00	9.9	9.9	9.7	9.6	.03	-.17	-.24	-.19	-.26
19:00	9.2	9.3	9.1	9.1	.08	-.09	-.16	-.17	-.24
20:00	8.8	8.8	8.7	8.6	.04	-.10	-.16	-.14	-.20
21:00	8.6	8.6	8.4	8.3	-.02	-.19	-.26	-.17	-.25
22:00	8.4	8.3	8.2	8.1	-.04	-.20	-.24	-.15	-.20
23:00	8.3	8.3	8.1	8.1	-.01	-.15	-.15	-.14	-.15
Avg	9.6	9.7	9.7	9.7	.11	.06	.12	-.05	.00
Max	11.3	11.2	11.1	11.0	.61	.75	.88	.33	.71
Hr. of Max	15	16	16	16	05	04	04	03	03
Min	8.1	8.3	8.1	8.1	-.14	-.35	-.42	-.21	-.28
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/28/2014

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	7.0	6.7	7.4	8.4	93.6	90.5	7.7	7.6	0.006377
01:00	7.3	7.1	7.6	8.4	94.8	91.9	7.9	7.8	0.006518
02:00	7.4	7.1	7.7	8.4	94.2	91.5	7.9	7.8	0.006539
03:00	7.5	7.4	7.8	8.5	95.1	93.4	8.0	7.9	0.00662
04:00	7.7	7.8	8.0	8.5	95.1	91.9	8.1	8.1	0.006726
05:00	8.1	8.4	8.4	8.5	95.3	93.3	8.3	8.4	0.006882
06:00	8.3	8.6	8.6	8.5	95.5	95.2	8.4	8.6	0.007001
07:00	8.9	9.2	9.2	8.6	95.9	96.4	8.8	8.9	0.007288
08:00	9.1	9.5	9.4	8.6	96.1	96.8	8.9	9.1	0.007379
09:00	9.5	9.7	9.7	8.7	96.3	96.9	9.1	9.2	0.007578
10:00	9.9	10.0	10.2	8.7	96.1	96.7	9.3	9.4	0.007781
11:00	10.0	10.1	10.3	8.8	95.2	95.7	9.4	9.4	0.00785
12:00	9.8	9.9	10.2	9.0	94.3	94.9	9.3	9.3	0.007754
13:00	9.5	9.5	10.0	9.1	92.0	92.7	9.1	9.1	0.007593
14:00	9.6	9.5	10.1	9.2	91.3	91.7	9.1	9.1	0.007646
15:00	9.8	9.6	10.3	9.4	91.6	91.0	9.3	9.1	0.007755
16:00	9.9	9.8	10.4	9.5	92.9	92.3	9.3	9.3	0.007803
17:00	9.4	9.3	9.8	9.6	91.8	91.1	9.0	9.0	0.007511
18:00	8.3	8.3	8.9	9.7	91.1	90.8	8.4	8.4	0.006993
19:00	7.9	7.9	8.3	9.7	92.5	91.7	8.2	8.2	0.00679
20:00	7.8	7.8	8.2	9.6	94.8	94.2	8.2	8.1	0.006759
21:00	7.6	7.6	7.9	9.6	94.5	94.8	8.1	8.1	0.006657
22:00	7.5	7.5	7.8	9.6	95.1	95.2	8.0	8.0	0.006592
23:00	7.4	7.4	7.7	9.5	95.3	95.5	7.9	8.0	0.00656
Avg	8.6	8.6	8.9	9.0	94.2	93.6	8.6	8.6	0.007123
Max	10.0	10.1	10.4	9.7	96.3	96.9	9.4	9.4	0.00785
Hr. of Max	11	11	16	19	09	09	11	11	11
Min	7.0	6.7	7.4	8.4	91.1	90.5	7.7	7.6	0.006377
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/28/2014

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	0.006253	10.0	9.8	.08	29.20	988.8	-2.6	.00	272.1
01:00	0.006446	10.2	10.1	.00	29.18	988.0	-.8	.00	194.4
02:00	0.006446	10.3	10.1	.00	29.17	987.7	-2.3	.00	209.8
03:00	0.006558	10.4	10.3	.00	29.16	987.4	-2.3	.00	212.7
04:00	0.006739	10.6	10.6	.00	29.14	986.8	-2.0	.00	230.6
05:00	0.007028	10.8	11.0	.00	29.14	986.7	-2.7	.00	216.4
06:00	0.007127	11.0	11.2	.02	29.13	986.4	-2.3	.00	218.4
07:00	0.007431	11.4	11.7	.08	29.14	986.9	-1.7	.00	211.9
08:00	0.007561	11.6	11.9	.08	29.15	987.3	2.8	.00	221.2
09:00	0.007698	11.9	12.1	.03	29.17	987.9	16.4	.02	213.0
10:00	0.007843	12.2	12.3	.04	29.18	988.3	31.6	.05	214.6
11:00	0.007875	12.3	12.3	.02	29.17	987.8	53.7	.08	211.7
12:00	0.007787	12.2	12.2	.01	29.16	987.5	41.5	.06	236.7
13:00	0.007582	11.9	11.9	.01	29.14	986.8	95.3	.14	208.0
14:00	0.007615	12.0	11.9	.00	29.14	986.7	92.8	.13	244.6
15:00	0.007659	12.2	12.0	.00	29.13	986.6	59.8	.09	328.0
16:00	0.007757	12.2	12.2	.00	29.14	987.0	18.3	.03	309.1
17:00	0.007499	11.8	11.8	.00	29.17	988.0	-1.0	.00	277.2
18:00	0.006984	11.0	11.0	.00	29.19	988.5	-2.0	.00	242.5
19:00	0.00677	10.7	10.6	.00	29.20	988.9	-2.1	.00	238.9
20:00	0.00673	10.6	10.6	.04	29.20	988.9	-2.0	.00	217.1
21:00	0.006668	10.5	10.5	.03	29.20	988.7	-2.8	.00	224.8
22:00	0.006584	10.4	10.4	.03	29.19	988.5	-2.2	.00	262.5
23:00	0.006573	10.3	10.3	.04	29.19	988.6	-1.3	.00	335.7
Avg	0.007134	11.2	11.2	.02	29.17	987.7	15.9	.03	235.0
Max	0.007875	12.3	12.3	.08	29.20	988.9	95.3	.14	335.7
Hr. of Max	11	11	11	08	21	20	13	13	23
Min	0.006253	10.0	9.8	.00	29.13	986.4	-2.8	.00	194.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/28/2014

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	255.8	269.1	270.1	271.1	63.0	46.6	28.4	.4	1.2
01:00	254.7	282.0	203.0	282.7	49.2	47.4	24.4	1.2	1.9
02:00	221.5	251.2	217.6	252.9	40.1	20.7	13.9	1.2	2.3
03:00	233.8	258.3	219.3	260.3	45.0	19.6	13.0	.8	2.0
04:00	264.5	280.3	235.9	281.6	24.8	22.6	13.3	1.6	3.1
05:00	249.9	264.3	222.3	266.2	17.4	16.7	14.1	2.1	3.5
06:00	231.9	247.3	223.7	249.4	20.0	12.7	12.3	2.2	4.1
07:00	233.9	243.8	218.0	245.7	24.7	14.8	12.3	2.3	4.1
08:00	233.2	241.9	226.0	244.4	43.9	23.9	15.8	1.3	2.6
09:00	236.8	254.4	219.2	256.6	24.5	16.3	16.4	1.9	3.3
10:00	231.8	245.0	221.8	247.2	19.9	12.1	11.5	2.4	3.7
11:00	231.7	238.5	218.8	240.8	27.1	19.5	15.0	1.3	2.2
12:00	255.4	264.2	241.9	265.9	26.3	25.2	19.9	1.2	1.8
13:00	233.9	246.4	219.6	246.6	43.1	42.8	33.5	1.0	1.3
14:00	256.1	272.5	252.1	276.6	36.8	32.0	45.8	1.1	1.4
15:00	332.6	336.2	326.5	332.6	54.9	55.0	43.6	.6	1.1
16:00	332.1	337.7	305.8	336.0	25.5	32.7	37.7	1.2	1.6
17:00	285.7	286.2	281.3	286.1	20.8	15.7	13.3	3.1	4.8
18:00	268.4	275.1	247.3	275.1	29.7	24.2	19.8	1.5	2.2
19:00	251.7	260.3	244.0	261.4	20.7	18.5	16.4	1.4	2.1
20:00	230.8	239.2	224.6	245.0	27.2	27.0	34.6	1.1	1.7
21:00	269.5	299.5	235.0	298.7	37.5	53.0	43.9	.7	1.1
22:00	271.0	279.3	264.3	279.0	24.8	21.7	28.7	.5	.9
23:00	338.1	343.6	335.8	339.5	29.0	24.7	16.6	1.2	2.3
Avg	255.0	269.0	241.0	271.0	32.3	26.9	22.7	.0	.0
Max	338.1	343.6	335.8	339.5	63.0	55.0	45.8	3.1	4.8
Hr. of Max	23	23	23	23	00	15	14	17	17
Min	221.5	238.5	203.0	240.8	17.4	12.1	11.5	.4	.9
Count	24	24	24	24	24	24	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

12/28/2014

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	3.3	.9	1.6	3.4	1.4	3.7	2.5	2.5	.02
01:00	3.9	1.7	2.4	4.2	2.3	4.4	3.4	3.6	.12
02:00	3.1	1.7	2.7	3.3	2.2	3.6	.1	1.4	.00
03:00	3.2	1.1	2.2	3.3	1.6	3.7	1.8	1.9	.05
04:00	5.2	1.9	3.3	5.3	2.4	5.5	1.2	2.4	.03
05:00	5.0	2.2	3.7	5.1	2.8	5.5	2.0	2.0	.07
06:00	5.2	2.4	4.3	5.4	3.0	5.9	.7	.7	-.01
07:00	5.3	2.6	4.3	5.5	3.0	5.9	.6	.6	.01
08:00	3.8	1.6	2.9	4.2	2.2	4.6	-.2	1.1	.00
09:00	4.4	2.1	3.5	4.7	2.7	5.1	1.5	1.4	.03
10:00	4.5	2.6	3.9	4.7	3.2	5.1	1.5	.0	.02
11:00	3.0	1.4	2.3	3.1	2.0	3.5	2.3	2.0	.07
12:00	2.5	1.4	2.0	2.7	2.0	3.0	1.4	2.6	-.02
13:00	1.4	1.2	1.6	1.6	1.7	2.1	4.4	-3.0	.08
14:00	1.8	1.5	1.9	2.2	1.9	2.7	-4.8	-2.0	-.14
15:00	1.2	1.1	1.5	1.6	1.4	2.0	-1.4	-3.9	-.08
16:00	1.9	1.7	2.5	2.9	2.0	3.1	-.9	1.4	-.08
17:00	6.2	3.3	5.0	6.4	3.6	6.6	-2.1	-1.8	-.26
18:00	2.8	1.7	2.5	3.2	2.2	3.5	-1.1	-1.5	-.09
19:00	2.2	1.5	2.2	2.3	2.0	2.7	1.1	-2.3	.00
20:00	1.7	1.3	1.9	1.9	1.9	2.3	1.5	1.0	.03
21:00	1.7	.8	1.3	1.9	1.4	2.3	5.0	1.2	.07
22:00	1.0	.8	1.5	1.7	1.3	2.2	-.4	-.7	-.01
23:00	3.2	1.3	2.5	3.5	1.8	4.0	-2.9	-.3	-.15
Avg	.0	1.7	2.6	3.5	2.2	3.9	.7	.4	-.01
Max	6.2	3.3	5.0	6.4	3.6	6.6	5.0	3.6	.12
Hr. of Max	17	17	17	17	17	17	21	01	01
Min	1.0	.8	1.3	1.6	1.3	2.0	-4.8	-3.9	-.26
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/28/2014

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	.09	5.7	8.9	11.7	6.5	12.5	13.4	11.0
01:00	.12	5.3	6.9	10.8	6.3	11.1	15.0	17.8
02:00	.09	5.5	7.6	9.2	6.3	9.3	9.0	5.6
03:00	.10	3.2	4.6	7.3	3.1	8.0	8.9	7.5
04:00	.14	5.7	9.4	11.4	6.3	12.5	11.2	9.6
05:00	.13	5.0	12.8	15.8	5.8	11.4	10.2	9.2
06:00	.05	7.1	10.3	11.7	8.0	12.7	9.2	6.4
07:00	.02	7.3	9.2	22.0	7.2	12.7	10.1	6.5
08:00	.07	5.7	8.0	10.3	6.2	9.4	10.1	6.9
09:00	.10	6.6	8.0	9.6	6.9	9.9	12.0	8.2
10:00	-.03	5.5	6.9	8.2	6.2	9.2	11.1	6.8
11:00	.09	4.6	6.2	8.5	4.7	7.7	15.7	9.4
12:00	.11	4.4	5.3	7.3	5.6	7.8	18.8	14.6
13:00	-.14	4.6	5.0	5.3	5.3	5.8	23.2	21.6
14:00	-.18	6.9	7.8	9.6	6.0	6.2	18.7	20.2
15:00	-.19	3.4	4.1	5.0	4.2	6.2	16.9	14.2
16:00	-.04	5.0	5.5	6.6	5.1	6.8	14.5	12.8
17:00	-.34	9.4	11.0	14.2	10.1	15.4	16.0	9.8
18:00	-.19	5.5	6.2	12.4	6.0	10.9	17.5	14.3
19:00	-.09	4.1	5.0	5.0	4.6	5.6	10.2	11.5
20:00	.00	3.9	4.8	5.0	4.1	5.7	9.0	9.3
21:00	-.01	4.1	5.0	5.7	3.7	6.1	22.2	21.8
22:00	.01	2.3	3.4	4.4	3.1	4.9	9.7	7.6
23:00	-.09	4.6	5.0	7.1	4.4	6.7	17.8	10.6
Avg	-.01	5.2	7.0	9.3	5.7	8.9	13.8	11.4
Max	.14	9.4	12.8	22.0	10.1	15.4	23.2	21.8
Hr. of Max	04	17	05	07	17	17	13	21
Min	-.34	2.3	3.4	4.4	3.1	4.9	8.9	5.6
Count	24	24	24	24	24	24	24	24
Total								