Date Printed: 10/12/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/11/2014

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	18.3	19.1	19.2	19.3	.75	.83	.98	.08	.23
01:00	18.3	19.0	19.1	19.3	.66	.76	.97	.10	.31
02:00	18.7	19.0	19.1	19.3	.30	.37	.59	.07	.29
03:00	18.6	19.1	19.2	19.3	.47	.56	.72	.09	.25
04:00	19.0	19.2	19.2	19.3	.17	.14	.26	-.03	.09
05:00	19.1	19.2	19.1	19.3	.09	.05	.20	-.04	.11
06:00	19.0	19.2	19.2	19.3	.23	.18	.31	-.05	.08
07:00	18.9	19.4	19.4	19.5	.48	.51	.62	.03	.13
08:00	19.4	19.5	19.4	19.4	.08	-.02	.03	-.10	-.05
09:00	19.9	19.8	19.6	19.6	-.09	-.25	-.25	-.16	-.16
10:00	20.2	20.1	19.9	19.9	-.10	-.27	-.29	-.18	-.19
11:00	21.4	21.1	20.8	20.8	-.29	-.55	-.60	-.26	-.31
12:00	22.5	22.2	21.9	21.9	-.35	-.60	-.62	-.25	-.28
13:00	22.3	22.1	21.9	21.9	-.26	-.42	-.40	-.16	-.14
14:00	21.3	21.0	20.9	20.9	-.23	-.34	-.34	-.11	-.11
15:00	20.3	20.1	19.9	19.9	-.26	-.42	-.44	-.15	-.18
16:00	20.7	20.4	20.2	20.1	-.35	-.56	-.62	-.21	-.27
17:00	20.5	20.3	20.1	20.1	-.22	-.40	-.42	-.18	-.20
18:00	19.7	19.8	19.7	19.7	.10	.03	.02	-.08	-.08
19:00	18.9	19.2	19.2	19.3	.30	.28	.44	-.02	.14
20:00	18.4	18.6	18.5	18.5	.11	.02	.01	-.09	-.10
21:00	17.4	17.4	17.2	17.2	-.04	-.20	-.21	-.16	-.17
22:00	16.8	16.7	16.6	16.6	-.05	-.19	-.21	-.14	-.16
23:00	16.5	16.5	16.4	16.3	.00	-.13	-.15	-.13	-.16
Avg	19.4	19.5	19.4	19.4	.06	-.03	.03	-.09	-.04
Max	22.5	22.2	21.9	21.9	.75	.83	.98	.10	.31
Hr. of Max	12	12	13	13	00	00	00	01	01
Min	16.5	16.5	16.4	16.3	-.35	-.60	-.62	-.26	-.31
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/11/2014

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	17.5	18.2	17.7	19.8	96.7	96.8	14.9	15.5	0.012898
01:00	17.4	18.1	17.7	19.7	96.6	96.7	14.9	15.4	0.012893
02:00	17.9	18.2	18.1	19.6	96.7	97.0	15.2	15.5	0.013235
03:00	17.7	18.1	18.0	19.6	96.5	96.4	15.1	15.5	0.013108
04:00	18.1	18.2	18.4	19.5	96.3	96.1	15.4	15.6	0.013452
05:00	18.0	18.2	18.4	19.5	95.6	96.4	15.4	15.6	0.013371
06:00	18.0	18.3	18.3	19.5	95.8	96.6	15.3	15.6	0.013316
07:00	17.9	18.4	18.3	19.5	96.3	96.1	15.3	15.7	0.013299
08:00	18.4	18.5	18.7	19.5	96.3	96.5	15.7	15.8	0.013704
09:00	18.8	18.8	19.2	19.5	95.5	96.0	16.1	16.1	0.014028
10:00	19.0	19.0	19.4	19.5	94.9	95.6	16.2	16.3	0.014178
11:00	19.4	19.1	20.1	19.6	90.7	90.6	16.6	16.3	0.014579
12:00	19.1	18.7	20.3	19.7	83.3	83.0	16.3	15.9	0.014339
13:00	18.7	18.4	19.9	20.0	82.0	81.8	15.9	15.6	0.013949
14:00	18.7	18.5	19.6	20.5	87.4	87.5	15.9	15.8	0.013972
15:00	17.7	17.4	18.6	21.1	86.7	86.4	15.0	14.7	0.0131
16:00	17.0	16.6	18.2	21.1	80.7	80.3	14.3	14.0	0.012491
17:00	16.5	16.1	17.8	21.1	79.4	78.4	13.9	13.6	0.012123
18:00	17.1	16.7	18.0	21.2	86.8	84.0	14.5	14.1	0.012585
19:00	16.8	16.5	17.5	21.2	89.8	86.3	14.3	14.0	0.012373
20:00	16.5	16.4	17.2	21.1	90.3	89.1	14.0	13.9	0.012105
21:00	16.0	16.0	16.5	21.0	93.4	93.8	13.6	13.6	0.011708
22:00	15.4	15.5	15.9	20.8	93.4	94.1	13.1	13.2	0.011265
23:00	15.0	15.0	15.5	20.6	92.7	92.7	12.8	12.8	0.010976
Avg	17.6	17.6	18.2	20.2	91.4	91.2	15.0	15.0	0.013044
Max	19.4	19.1	20.3	21.2	96.7	97.0	16.6	16.3	0.014579
Hr. of Max	11	11	12	19	02	02	11	11	11
Min	15.0	15.0	15.5	19.5	79.4	78.4	12.8	12.8	0.010976
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/11/2014

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	0.01353	20.0	20.9	.00	29.06	984.1	-3.5	.00	240.4
01:00	0.013451	20.0	20.8	.05	29.05	983.9	-3.3	.00	225.5
02:00	0.013528	20.5	20.9	.00	29.05	983.8	-3.3	.00	233.9
03:00	0.013477	20.3	20.9	.00	29.04	983.4	-3.2	.00	229.4
04:00	0.013573	20.8	21.0	.00	29.04	983.4	-2.2	.00	228.4
05:00	0.013563	20.7	21.0	.00	29.06	984.1	-1.7	.00	218.6
06:00	0.013629	20.6	21.1	.00	29.07	984.3	-1.4	.00	231.2
07:00	0.013679	20.6	21.2	.00	29.08	984.8	-.1	.00	234.4
08:00	0.013812	21.2	21.4	.01	29.09	985.2	17.6	.03	237.1
09:00	0.014024	21.7	21.7	.00	29.11	985.7	49.0	.07	219.6
10:00	0.014196	22.0	22.0	.00	29.12	986.3	60.6	.09	234.0
11:00	0.014303	22.6	22.2	.00	29.13	986.4	341.1	.49	223.4
12:00	0.013988	22.2	21.7	.00	29.13	986.5	381.1	.55	221.8
13:00	0.013693	21.6	21.2	.05	29.13	986.4	268.0	.38	266.9
14:00	0.013795	21.7	21.4	.11	29.12	986.0	227.7	.33	278.3
15:00	0.012844	20.3	19.9	.00	29.11	985.8	280.5	.40	276.8
16:00	0.012171	19.4	18.9	.00	29.10	985.4	300.7	.43	263.4
17:00	0.011803	18.8	18.4	.00	29.11	985.7	148.0	.21	247.9
18:00	0.012261	19.6	19.1	.00	29.12	986.1	31.2	.04	281.1
19:00	0.012118	19.2	18.9	.00	29.13	986.4	-1.7	.00	337.1
20:00	0.012021	18.8	18.7	.01	29.14	986.9	-2.7	.00	60.4
21:00	0.011731	18.2	18.3	.00	29.15	987.2	-3.2	.00	66.1
22:00	0.011308	17.6	17.6	.00	29.15	987.2	-3.3	.00	50.4
23:00	0.010972	17.1	17.1	.01	29.16	987.4	-3.4	.00	67.0
Avg	0.013061	20.2	20.3	.01	29.10	985.5	86.4	.13	245.0
Max	0.014303	22.6	22.2	.11	29.16	987.4	381.1	.55	337.1
Hr. of Max	11	11	11	14	23	23	12	12	19
Min	0.010972	17.1	17.1	.00	29.04	983.4	-3.5	.00	50.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/11/2014

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	252.7	260.5	250.4	261.6	46.8	31.2	14.7	.8	2.2
01:00	208.8	234.6	256.3	238.8	55.6	16.9	11.4	.9	2.3
02:00	238.3	230.4	246.1	232.8	24.2	12.6	8.2	2.0	4.2
03:00	241.2	234.8	242.8	237.3	23.2	9.9	7.0	1.2	3.6
04:00	240.7	238.0	241.4	240.4	25.4	12.1	8.5	1.8	4.3
05:00	230.7	233.3	231.0	235.8	17.4	8.6	6.0	2.7	5.2
06:00	243.0	240.5	243.6	242.9	23.4	13.7	8.6	1.4	3.3
07:00	248.7	249.9	246.0	251.9	22.2	13.1	8.7	1.2	3.0
08:00	238.3	230.1	248.6	232.2	26.2	16.9	12.1	2.0	3.6
09:00	232.8	238.8	230.5	240.7	27.8	20.4	15.2	1.5	2.6
10:00	237.9	229.8	245.9	232.2	28.0	18.4	14.7	1.9	3.3
11:00	233.7	228.2	238.1	230.8	25.5	18.2	12.1	3.4	5.0
12:00	227.7	227.6	232.7	230.2	24.5	20.2	15.5	4.1	5.7
13:00	275.3	277.2	274.8	276.8	30.3	24.3	18.9	3.7	5.4
14:00	287.6	290.9	288.3	290.1	28.4	23.5	16.2	3.9	6.0
15:00	290.5	292.1	286.7	291.5	33.1	29.1	19.2	3.3	4.7
16:00	278.5	281.3	273.9	281.4	33.4	26.2	19.9	2.8	3.9
17:00	260.7	266.6	261.0	267.8	20.6	16.3	15.7	3.1	4.1
18:00	282.3	283.1	293.0	286.1	56.1	47.0	43.4	.8	1.9
19:00	343.8	344.9	344.0	339.8	22.2	14.3	10.9	2.4	4.3
20:00	62.8	61.1	69.4	57.3	28.5	18.2	14.2	2.0	3.9
21:00	61.8	63.9	74.3	61.1	24.6	21.6	14.0	1.9	3.5
22:00	54.8	57.4	61.2	54.5	26.9	18.2	11.9	2.1	4.3
23:00	67.4	66.8	74.4	63.3	24.9	15.3	12.6	1.8	3.3
Avg	256.0	257.0	259.0	260.0	29.1	19.4	14.2	.0	.0
Max	343.8	344.9	344.0	339.8	56.1	47.0	43.4	4.1	6.0
Hr. of Max	19	19	19	19	18	18	18	12	14
Min	54.8	57.4	61.2	54.5	17.4	8.6	6.0	.8	1.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/11/2014

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	3.7	1.3	2.7	4.1	1.8	4.3	2.1	1.6	.06
01:00	3.3	1.1	2.5	3.4	1.5	3.8	.4	1.7	-.01
02:00	6.1	2.2	4.4	6.3	2.7	6.8	-1.7	.3	-.13
03:00	5.6	1.3	3.7	5.7	1.9	6.2	-.5	.9	-.04
04:00	6.2	2.0	4.4	6.3	2.4	6.9	.7	1.2	-.03
05:00	7.0	2.9	5.3	7.0	3.2	7.6	.0	1.2	-.07
06:00	4.9	1.6	3.5	5.1	2.2	5.5	.9	.9	-.04
07:00	4.6	1.7	3.4	4.7	2.1	5.1	-.1	.6	-.03
08:00	5.0	2.4	4.0	5.3	2.8	5.8	-1.7	-.6	-.13
09:00	3.6	1.7	2.8	3.8	2.2	4.2	-.9	.8	-.07
10:00	4.7	2.2	3.6	4.9	2.6	5.4	2.2	.0	-.04
11:00	6.2	3.7	5.2	6.4	4.4	7.0	.2	-.2	-.17
12:00	7.0	4.4	6.0	7.3	4.9	7.9	1.5	1.4	.00
13:00	7.2	4.5	6.4	8.2	5.0	8.5	-.5	-1.1	-.36
14:00	8.0	4.4	6.4	8.3	4.7	8.6	-2.6	-2.4	-.37
15:00	6.5	3.7	5.2	6.9	4.2	7.2	-2.4	-2.4	-.33
16:00	5.0	3.2	4.3	5.4	3.8	5.8	-1.0	-.3	-.24
17:00	4.8	3.3	4.4	5.0	3.6	5.3	-.8	-1.2	-.20
18:00	2.7	1.7	2.9	3.7	2.2	4.1	2.2	3.0	.02
19:00	5.7	2.6	4.4	5.8	3.0	6.2	-3.5	-.9	-.24
20:00	4.7	2.4	4.4	5.2	2.9	5.6	1.6	.3	.01
21:00	4.8	2.1	3.7	5.0	2.7	5.5	-.1	3.4	-.07
22:00	5.8	2.3	4.5	5.9	2.7	6.4	-3.6	-.6	-.30
23:00	4.3	2.0	3.6	4.6	2.6	5.0	1.7	-.7	.00
Avg	.0	2.5	4.2	5.6	3.0	6.0	-.2	.3	-.12
Max	8.0	4.5	6.4	8.3	5.0	8.6	2.2	3.4	.06
Hr. of Max	14	13	14	14	13	14	18	21	00
Min	2.7	1.1	2.5	3.4	1.5	3.8	-3.6	-2.4	-.37
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/11/2014

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	.08	5.3	7.3	9.2	5.7	9.7	13.4	7.6
01:00	.10	3.9	6.2	7.8	4.8	80.5	8.1	5.6
02:00	.01	5.7	8.2	12.4	6.2	10.2	9.8	3.9
03:00	.08	3.9	6.4	9.2	4.5	9.2	11.2	5.0
04:00	.11	6.2	11.2	14.0	7.9	10.8	14.2	5.9
05:00	.13	6.6	12.8	13.5	6.5	11.2	12.5	3.8
06:00	.06	5.3	12.4	14.2	6.3	9.9	13.3	5.4
07:00	.04	6.0	6.6	8.7	6.9	9.3	10.4	5.5
08:00	-.07	6.6	8.9	10.5	8.0	11.5	13.3	5.8
09:00	.00	5.5	7.8	10.8	6.3	8.9	16.1	9.7
10:00	-.07	6.4	8.5	10.5	7.9	12.1	18.1	8.5
11:00	-.13	9.8	12.1	12.1	11.6	13.2	18.0	10.4
12:00	.04	12.6	14.2	20.4	12.2	17.6	17.3	12.0
13:00	-.40	14.9	18.3	20.8	16.1	18.7	19.7	12.0
14:00	-.63	11.0	13.7	16.5	12.8	17.0	19.3	13.0
15:00	-.54	10.5	13.3	13.7	12.1	16.1	19.6	12.7
16:00	-.25	9.6	15.1	16.7	11.1	13.0	20.7	15.6
17:00	-.21	8.9	10.3	11.9	9.3	11.2	15.7	11.0
18:00	.15	9.2	9.2	7.8	6.3	8.1	18.4	16.2
19:00	-.09	6.0	8.5	7.8	6.6	8.4	12.3	5.1
20:00	-.01	6.0	9.6	12.8	6.5	8.9	19.2	7.7
21:00	.25	8.2	11.0	13.5	8.0	10.5	20.6	11.2
22:00	-.18	10.3	10.1	13.7	8.2	13.4	21.4	10.1
23:00	-.09	6.6	11.2	11.0	6.8	9.2	17.9	8.5
Avg	-.07	7.7	10.5	12.5	8.3	14.5	15.9	8.8
Max	.25	14.9	18.3	20.8	16.1	80.5	21.4	16.2
Hr. of Max	21	13	13	13	13	01	22	18
Min	-.63	3.9	6.2	7.8	4.5	8.1	8.1	3.8
Count	24	24	24	24	24	24	24	24
Total								