Date Printed: 10/11/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/10/2014

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	16.3	16.8	16.9	17.1	.57	.61	.83	.04	.26
01:00	16.1	16.7	16.7	17.0	.52	.56	.83	.04	.31
02:00	15.6	16.4	16.5	16.8	.78	.90	1.15	.11	.36
03:00	15.2	16.0	16.1	16.4	.81	.96	1.23	.15	.42
04:00	14.6	15.6	15.8	16.0	.95	1.13	1.40	.18	.45
05:00	14.7	15.2	15.4	15.7	.50	.72	1.01	.21	.51
06:00	15.3	15.6	15.6	16.0	.30	.32	.66	.02	.36
07:00	15.8	15.8	15.8	15.9	.03	-.01	.11	-.04	.08
08:00	16.0	15.9	15.9	16.2	-.12	-.16	.17	-.04	.29
09:00	17.6	17.3	17.1	17.2	-.29	-.46	-.39	-.17	-.10
10:00	18.9	18.6	18.3	18.3	-.34	-.58	-.66	-.25	-.32
11:00	19.4	19.2	19.0	19.0	-.17	-.34	-.36	-.17	-.20
12:00	20.2	20.0	19.8	19.7	-.19	-.40	-.45	-.21	-.26
13:00	20.7	20.5	20.3	20.2	-.22	-.42	-.47	-.19	-.25
14:00	20.2	20.2	20.1	20.0	-.03	-.16	-.19	-.13	-.17
15:00	20.5	20.3	20.2	20.1	-.18	-.35	-.40	-.17	-.23
16:00	20.4	20.4	20.3	20.2	-.02	-.18	-.20	-.15	-.18
17:00	20.3	20.3	20.2	20.1	.00	-.10	-.12	-.11	-.12
18:00	20.1	20.1	20.0	20.0	.04	-.06	-.04	-.09	-.08
19:00	19.7	20.0	20.0	20.0	.26	.24	.26	-.02	.00
20:00	19.7	20.0	20.0	20.0	.35	.28	.32	-.07	-.03
21:00	19.0	19.7	19.8	19.9	.66	.78	.90	.12	.24
22:00	18.4	19.1	19.3	19.6	.76	.95	1.19	.19	.43
23:00	18.0	19.1	19.2	19.3	1.07	1.20	1.33	.13	.26
Avg	18.0	18.3	18.3	18.4	.25	.23	.34	-.03	.08
Max	20.7	20.5	20.3	20.2	1.07	1.20	1.40	.21	.51
Hr. of Max	13	13	16	16	23	23	04	05	05
Min	14.6	15.2	15.4	15.7	-.34	-.58	-.66	-.25	-.32
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/10/2014

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	15.2	15.8	15.6	19.6	95.3	95.2	13.0	13.4	0.011122
01:00	15.1	15.6	15.5	19.4	95.3	95.4	12.9	13.3	0.011042
02:00	14.6	15.4	14.9	19.3	95.1	95.5	12.5	13.1	0.010664
03:00	14.2	15.1	14.5	19.2	95.3	95.9	12.2	12.9	0.010377
04:00	13.6	14.7	14.0	19.0	95.2	96.3	11.8	12.6	0.010031
05:00	13.7	14.4	14.1	18.9	95.3	96.7	11.8	12.4	0.010087
06:00	14.2	14.7	14.6	18.8	94.9	95.8	12.2	12.6	0.010427
07:00	14.7	14.8	15.1	18.7	94.9	95.5	12.6	12.7	0.01075
08:00	15.1	15.1	15.4	18.7	95.9	96.9	12.9	12.9	0.011026
09:00	16.4	16.4	16.8	18.7	94.4	96.0	13.9	13.9	0.012001
10:00	17.0	16.9	17.6	18.8	90.2	91.8	14.4	14.3	0.012454
11:00	17.7	17.7	18.3	18.9	92.2	92.8	15.1	15.0	0.013098
12:00	18.6	18.5	19.1	19.1	92.6	93.2	15.9	15.8	0.013828
13:00	19.0	18.9	19.5	19.4	92.1	92.6	16.2	16.1	0.0142
14:00	18.7	18.8	19.2	19.6	93.3	93.6	16.0	16.1	0.013993
15:00	19.1	19.0	19.5	19.9	93.5	94.1	16.3	16.2	0.014281
16:00	19.1	19.1	19.6	20.0	94.5	94.6	16.4	16.4	0.014358
17:00	19.2	19.2	19.5	20.3	95.8	95.6	16.5	16.4	0.0144
18:00	19.0	19.0	19.3	20.2	95.5	95.7	16.2	16.3	0.014188
19:00	18.7	19.0	19.0	20.2	95.9	95.9	16.0	16.2	0.013964
20:00	18.5	18.8	18.9	20.1	94.8	94.6	15.8	16.1	0.013786
21:00	18.0	18.6	18.3	20.0	95.9	96.0	15.3	15.9	0.013333
22:00	17.4	18.3	17.7	20.0	96.2	96.9	14.8	15.6	0.012866
23:00	17.1	18.3	17.4	19.9	96.4	97.3	14.6	15.6	0.012614
Avg	16.8	17.2	17.2	19.4	94.6	95.2	14.4	14.7	0.012454
Max	19.2	19.2	19.6	20.3	96.4	97.3	16.5	16.4	0.0144
Hr. of Max	17	17	16	17	23	23	17	17	17
Min	13.6	14.4	14.0	18.7	90.2	91.8	11.8	12.4	0.010031
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)

10/10/2014

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	0.011524	17.3	18.0	.00	29.16	987.4	-2.2	.00	62.3
01:00	0.01142	17.2	17.8	.00	29.15	987.3	-1.2	.00	57.8
02:00	0.011254	16.6	17.5	.00	29.14	987.0	-1.0	.00	52.6
03:00	0.011	16.2	17.1	.00	29.14	986.7	-1.6	.00	61.6
04:00	0.010786	15.7	16.8	.00	29.13	986.4	-2.5	.00	19.6
05:00	0.010572	15.7	16.5	.00	29.12	986.3	-2.6	.00	352.5
06:00	0.010731	16.3	16.7	.00	29.13	986.4	-3.1	.00	66.0
07:00	0.010835	16.8	16.9	.00	29.13	986.6	.6	.00	55.4
08:00	0.01105	17.2	17.2	.00	29.14	986.7	56.5	.08	240.4
09:00	0.011977	18.7	18.6	.00	29.14	987.0	147.9	.21	221.1
10:00	0.012408	19.4	19.3	.00	29.16	987.3	140.7	.20	262.9
11:00	0.013037	20.4	20.3	.08	29.15	987.2	136.4	.20	163.0
12:00	0.013749	21.5	21.3	.09	29.13	986.7	150.0	.21	235.5
13:00	0.014083	22.0	21.8	.01	29.12	986.1	171.4	.25	313.2
14:00	0.014027	21.7	21.7	.11	29.09	985.3	44.9	.06	55.9
15:00	0.014213	22.1	22.0	.01	29.08	984.9	143.8	.21	128.7
16:00	0.014357	22.2	22.2	.08	29.09	985.3	29.4	.04	253.9
17:00	0.014378	22.3	22.3	.02	29.10	985.3	25.9	.04	316.2
18:00	0.014259	22.0	22.1	.00	29.08	984.9	13.5	.02	151.7
19:00	0.014197	21.6	22.0	.00	29.06	984.3	-.7	.00	166.8
20:00	0.014058	21.3	21.7	.00	29.05	983.9	-1.4	.00	204.9
21:00	0.013911	20.7	21.5	.00	29.07	984.6	-1.9	.00	251.1
22:00	0.013585	20.0	21.0	.00	29.07	984.4	-2.7	.00	195.1
23:00	0.013615	19.6	21.1	.00	29.06	984.0	-2.5	.00	260.0
Avg	0.012709	19.4	19.7	.02	29.11	985.9	43.2	.06	200.0
Max	0.014378	22.3	22.3	.11	29.16	987.4	171.4	.25	352.5
Hr. of Max	17	17	17	14	10	00	13	13	05
Min	0.010572	15.7	16.5	.00	29.05	983.9	-3.1	.00	19.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/10/2014

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	60.6	59.3	71.0	55.9	16.4	9.2	5.9	1.5	3.3
01:00	62.7	56.7	65.4	53.1	20.1	12.4	6.7	1.3	3.0
02:00	51.7	56.4	56.5	52.7	35.9	21.3	10.0	.6	1.8
03:00	67.3	70.5	33.6	67.4	48.8	20.5	10.5	.6	1.6
04:00	47.9	35.6	357.2	33.3	49.4	34.3	27.5	.2	.6
05:00	56.0	93.9	341.0	46.9	34.0	21.8	33.6	.2	.4
06:00	71.6	50.9	70.5	45.7	35.6	15.3	12.7	.1	.8
07:00	63.0	107.7	320.5	108.6	58.9	35.6	21.1	.1	.5
08:00	234.7	209.1	251.9	211.7	21.0	18.2	10.8	1.4	1.5
09:00	242.3	235.9	231.3	238.3	35.7	27.3	17.4	1.2	1.9
10:00	278.1	277.9	272.2	278.3	36.0	32.5	24.0	2.0	2.8
11:00	253.6	246.4	187.3	249.5	66.8	46.1	30.1	.2	.7
12:00	247.8	259.8	247.0	261.2	41.3	39.0	31.7	1.0	1.6
13:00	324.4	316.7	311.5	313.9	54.8	39.8	28.3	1.3	2.4
14:00	46.4	32.7	61.5	26.8	38.4	30.5	27.2	1.4	2.4
15:00	123.7	90.3	147.1	80.0	51.9	50.3	54.5	1.0	1.0
16:00	243.2	220.1	264.2	229.3	24.1	16.7	17.5	.9	1.2
17:00	316.8	303.3	315.3	303.4	58.6	34.3	32.1	.5	1.0
18:00	140.5	112.8	166.3	112.4	38.5	34.4	26.2	.4	1.2
19:00	135.4	122.8	181.4	124.2	61.7	52.6	37.1	.8	1.1
20:00	194.5	181.5	218.7	183.4	31.5	23.2	17.0	1.8	3.2
21:00	250.5	258.2	258.3	260.1	56.8	26.7	14.9	.8	2.1
22:00	203.4	228.6	215.3	230.6	63.1	40.9	20.4	.3	.9
23:00	226.0	220.6	264.3	222.8	45.0	17.3	18.6	.7	1.4
Avg	137.0	128.0	269.0	35.0	42.7	29.2	22.3	.0	.0
Max	324.4	316.7	357.2	313.9	66.8	52.6	54.5	2.0	3.3
Hr. of Max	13	13	04	13	11	19	15	10	00
Min	46.4	32.7	33.6	26.8	16.4	9.2	5.9	.1	.4
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)

10/10/2014

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	4.5	1.6	3.4	4.5	1.9	4.8	-3.4	-2.3	-.14
01:00	4.2	1.5	3.1	4.2	1.8	4.5	-2.7	-2.6	-.12
02:00	2.4	.8	2.0	2.5	1.2	2.9	3.2	-1.1	.06
03:00	2.6	.7	1.7	2.7	1.1	3.0	1.0	-.5	-.01
04:00	.6	1.0	1.0	1.2	1.4	1.6	2.2	1.4	.04
05:00	.2	.7	1.1	.5	1.2	1.0	2.7	-.7	.04
06:00	1.1	.1	.9	1.1	.6	1.5	3.5	.6	.05
07:00	.7	.3	.7	.9	.8	1.3	.9	.4	.01
08:00	1.9	1.4	1.6	2.0	1.9	2.4	-2.0	-.7	-.09
09:00	3.2	1.4	2.2	3.4	1.9	3.9	.8	.3	-.02
10:00	3.8	2.7	3.7	4.7	3.1	5.1	-5.0	-2.7	-.42
11:00	1.4	.6	1.1	1.7	1.2	2.2	4.2	-.8	.08
12:00	2.5	1.3	2.0	2.8	1.8	3.2	5.5	.3	.11
13:00	3.8	1.9	3.0	4.4	2.4	4.8	-.6	-1.4	-.11
14:00	3.1	2.0	3.0	3.7	2.4	4.1	-.8	-.2	-.08
15:00	.6	1.9	2.3	2.4	2.5	2.9	4.5	1.1	.11
16:00	1.1	1.5	1.9	1.6	1.8	2.0	-2.5	-3.1	-.08
17:00	1.0	.6	1.2	1.3	1.1	1.8	-2.0	-3.1	-.06
18:00	1.5	.9	1.7	2.0	1.4	2.5	4.8	6.1	.09
19:00	1.9	1.6	2.0	2.5	2.1	3.1	4.8	2.6	.14
20:00	4.4	2.4	3.7	4.8	2.9	5.2	.5	-.3	.01
21:00	3.5	1.3	2.5	3.7	1.7	4.0	2.7	3.0	.08
22:00	1.8	.8	1.5	2.5	1.3	2.9	.3	1.3	.00
23:00	2.4	1.0	2.1	3.1	1.4	3.4	.5	-.3	.00
Avg	.0	1.3	2.1	2.7	1.7	3.1	1.0	-.1	-.01
Max	4.5	2.7	3.7	4.8	3.1	5.2	5.5	6.1	.14
Hr. of Max	00	10	20	20	10	20	12	18	19
Min	.2	.1	.7	.5	.6	1.0	-5.0	-3.1	-.42
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/10/2014

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	-.20	4.1	7.1	7.8	3.7	7.1	10.2	3.4
01:00	-.21	5.5	7.3	6.9	4.1	7.4	9.9	3.0
02:00	-.06	2.7	3.9	7.1	2.9	4.3	9.2	3.7
03:00	-.03	2.5	6.6	5.7	2.9	4.4	9.4	3.7
04:00	.04	2.3	2.3	3.4	2.7	2.9	6.2	5.1
05:00	-.01	3.2	2.3	2.3	3.3	2.0	8.3	5.2
06:00	.03	1.1	3.4	2.3	1.4	2.6	8.7	6.6
07:00	.00	2.1	2.5	3.0	2.5	3.3	11.2	11.2
08:00	-.03	3.7	3.9	3.4	4.2	3.9	12.8	4.9
09:00	-.05	4.8	6.4	7.6	6.7	9.1	21.6	12.4
10:00	-.39	9.6	10.3	14.2	9.5	15.0	19.5	13.4
11:00	-.06	4.4	4.8	5.7	4.5	6.4	27.1	16.8
12:00	-.05	4.6	5.0	7.1	4.9	7.6	24.2	16.3
13:00	-.18	6.4	10.5	11.0	7.4	12.0	24.1	17.2
14:00	-.09	6.0	7.6	12.1	6.9	10.0	18.7	15.1
15:00	-.03	9.2	9.4	8.9	8.4	8.2	20.4	18.7
16:00	-.08	4.1	7.1	6.0	5.1	5.1	12.2	10.1
17:00	-.08	2.7	3.4	4.1	3.4	4.9	14.6	10.6
18:00	.25	3.0	4.6	4.8	3.6	5.5	16.2	15.2
19:00	.20	5.3	6.9	7.3	6.6	8.1	13.2	14.3
20:00	-.06	8.0	11.0	12.4	7.2	13.5	14.5	10.7
21:00	.18	4.4	7.3	7.6	5.1	8.0	13.6	7.2
22:00	.06	4.8	5.0	6.0	3.0	5.5	8.8	4.9
23:00	.02	3.0	4.1	6.4	3.1	6.7	12.1	10.7
Avg	-.03	4.5	5.9	6.8	4.7	6.8	14.4	10.0
Max	.25	9.6	11.0	14.2	9.5	15.0	27.1	18.7
Hr. of Max	18	10	20	10	10	10	11	15
Min	-.39	1.1	2.3	2.3	1.4	2.0	6.2	3.0
Count	24	24	24	24	24	24	24	24
Total								