Date Printed: 10/26/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/25/2014

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	6.9	8.5	9.0	10.0	1.60	2.16	3.12	.55	1.51
01:00	5.9	7.8	8.2	9.4	1.87	2.32	3.53	.44	1.66
02:00	5.2	6.9	7.4	8.2	1.73	2.17	3.05	.44	1.32
03:00	4.6	6.3	6.7	7.3	1.67	2.07	2.70	.40	1.03
04:00	4.1	5.8	6.2	6.9	1.70	2.11	2.82	.41	1.12
05:00	3.7	5.3	5.6	6.6	1.55	1.85	2.82	.30	1.27
06:00	3.5	5.0	5.3	5.9	1.47	1.76	2.38	.29	.91
07:00	3.3	4.7	5.0	5.6	1.36	1.67	2.25	.31	.90
08:00	4.0	4.7	4.9	5.2	.61	.87	1.21	.26	.60
09:00	7.3	6.8	6.7	7.1	-.43	-.59	-.13	-.16	.29
10:00	11.0	10.4	10.2	10.1	-.55	-.81	-.84	-.25	-.29
11:00	14.7	14.0	13.7	13.7	-.73	-.99	-1.04	-.26	-.30
12:00	18.0	17.2	16.9	16.8	-.80	-1.08	-1.18	-.28	-.38
13:00	19.9	18.8	18.5	18.4	-1.04	-1.34	-1.46	-.30	-.42
14:00	21.2	20.3	20.0	20.0	-.95	-1.20	-1.29	-.25	-.34
15:00	21.4	20.8	20.5	20.4	-.58	-.84	-.92	-.25	-.34
16:00	21.7	21.1	20.7	20.7	-.61	-.92	-1.02	-.31	-.41
17:00	21.2	21.1	20.9	20.8	-.09	-.33	-.45	-.24	-.36
18:00	17.7	19.2	19.9	20.5	1.52	2.27	2.79	.74	1.27
19:00	15.1	17.0	17.8	18.6	1.87	2.72	3.51	.85	1.63
20:00	14.8	16.1	16.9	17.6	1.33	2.11	2.79	.78	1.46
21:00	13.1	14.9	15.7	17.0	1.78	2.59	3.84	.81	2.06
22:00	11.8	13.8	14.7	15.8	1.96	2.86	3.96	.91	2.00
23:00	11.0	12.7	14.1	15.2	1.77	3.09	4.23	1.32	2.46
Avg	11.7	12.5	12.7	13.2	.75	1.02	1.53	.27	.78
Max	21.7	21.1	20.9	20.8	1.96	3.09	4.23	1.32	2.46
Hr. of Max	16	17	17	17	22	23	23	23	23
Min	3.3	4.7	4.9	5.2	-1.04	-1.34	-1.46	-.31	-.42
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/25/2014

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	5.7	7.2	6.1	15.4	92.9	92.9	7.1	7.8	0.005817
01:00	4.7	6.7	5.1	15.2	93.0	94.0	6.6	7.6	0.005438
02:00	4.1	6.0	4.4	15.0	93.3	94.6	6.4	7.2	0.005193
03:00	3.5	5.4	3.9	14.7	93.3	95.1	6.1	7.0	0.004992
04:00	3.0	4.9	3.4	14.5	93.6	95.0	5.9	6.8	0.00483
05:00	2.8	4.5	3.1	14.3	93.9	95.3	5.8	6.6	0.004727
06:00	2.5	4.2	2.8	14.1	93.9	95.5	5.7	6.4	0.004643
07:00	2.3	3.8	2.7	13.9	93.9	94.8	5.7	6.3	0.004587
08:00	3.1	3.8	3.4	13.7	94.5	95.2	6.0	6.3	0.004857
09:00	5.6	5.2	6.1	13.5	89.8	90.2	7.0	6.9	0.005771
10:00	6.9	6.6	8.3	13.5	76.9	77.8	7.6	7.4	0.00635
11:00	7.3	6.7	9.8	13.7	62.4	62.6	7.8	7.4	0.00656
12:00	6.2	5.5	10.1	13.9	46.9	47.1	7.1	6.8	0.006081
13:00	7.7	7.3	11.7	14.2	46.1	47.8	7.8	7.6	0.006755
14:00	7.6	7.3	12.1	14.8	42.1	43.9	7.8	7.6	0.00672
15:00	8.0	7.7	12.5	15.4	43.3	43.8	8.0	7.9	0.006951
16:00	8.4	8.1	12.8	15.9	43.5	44.1	8.2	8.0	0.007129
17:00	9.2	8.7	13.2	16.2	47.2	45.8	8.6	8.4	0.007506
18:00	11.3	10.2	13.4	16.4	67.7	57.0	10.0	9.3	0.00863
19:00	11.1	10.9	12.4	16.5	78.1	68.4	9.9	9.8	0.008462
20:00	11.2	11.2	12.4	16.5	80.4	74.0	10.1	10.0	0.008552
21:00	10.7	11.3	11.5	16.4	86.5	80.1	9.8	10.1	0.008265
22:00	10.0	11.0	10.6	16.3	89.8	84.4	9.3	9.9	0.007851
23:00	9.4	11.0	10.0	16.2	91.4	90.6	9.0	10.0	0.007568
Avg	6.8	7.3	8.4	15.0	76.4	75.4	7.6	7.9	0.006426
Max	11.3	11.3	13.4	16.5	94.5	95.5	10.1	10.1	0.00863
Hr. of Max	18	21	18	20	08	06	20	21	18
Min	2.3	3.8	2.7	13.5	42.1	43.8	5.7	6.3	0.004587
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)

10/25/2014

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	0.006483	9.2	10.2	.00	29.17	987.8	-2.0	.00	41.1
01:00	0.006258	8.6	9.8	.00	29.17	987.8	-1.9	.00	355.4
02:00	0.00594	8.2	9.3	.00	29.17	987.9	-2.1	.00	91.1
03:00	0.005719	7.9	9.0	.00	29.17	987.7	-2.5	.00	61.5
04:00	0.005523	7.6	8.7	.00	29.16	987.7	-2.3	.00	27.1
05:00	0.005345	7.5	8.4	.00	29.17	988.0	-2.5	.00	19.8
06:00	0.005233	7.3	8.2	.00	29.19	988.4	-2.6	.00	65.2
07:00	0.005097	7.2	8.0	.00	29.19	988.5	-.6	.00	88.1
08:00	0.005101	7.7	8.0	.00	29.19	988.6	74.4	.11	209.2
09:00	0.005623	9.1	8.9	.00	29.21	989.1	308.1	.44	144.7
10:00	0.006192	10.0	9.7	.00	29.20	988.9	457.9	.66	107.4
11:00	0.006268	10.3	9.9	.00	29.19	988.4	594.8	.85	115.0
12:00	0.005807	9.6	9.1	.00	29.18	988.1	680.1	.97	171.1
13:00	0.006562	10.6	10.3	.00	29.15	987.3	697.7	1.00	188.2
14:00	0.006598	10.5	10.4	.00	29.12	986.2	597.2	.86	226.6
15:00	0.006796	10.9	10.7	.00	29.11	985.8	310.3	.44	253.9
16:00	0.006967	11.2	10.9	.00	29.10	985.4	362.9	.52	211.4
17:00	0.007262	11.7	11.4	.00	29.09	985.3	192.7	.28	213.7
18:00	0.007996	13.5	12.5	.00	29.10	985.4	29.7	.04	280.4
19:00	0.00836	13.2	13.1	.00	29.10	985.6	-1.2	.00	336.6
20:00	0.008563	13.4	13.4	.00	29.11	985.9	-1.6	.00	241.4
21:00	0.008585	12.9	13.4	.00	29.11	985.9	-2.8	.00	294.2
22:00	0.008391	12.3	13.1	.00	29.12	986.1	-1.7	.00	247.5
23:00	0.008436	11.9	13.2	.00	29.12	986.0	-1.9	.00	243.2
Avg	0.006629	10.1	10.4	.00	29.15	987.2	178.3	.26	194.0
Max	0.008585	13.5	13.4	.00	29.21	989.1	697.7	1.00	355.4
Hr. of Max	21	18	21	23	09	09	13	13	01
Min	0.005097	7.2	8.0	.00	29.09	985.3	-2.8	.00	19.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/25/2014

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	67.4	59.0	35.8	56.4	56.2	23.8	37.0	.5	1.1
01:00	77.0	19.0	339.9	14.0	62.1	34.0	23.7	.2	.8
02:00	87.2	82.4	254.8	80.2	41.7	35.2	14.7	.0	.3
03:00	51.9	40.6	34.8	35.7	44.9	36.3	13.4	.2	.7
04:00	65.9	45.3	315.7	40.1	52.5	16.8	17.1	.2	.5
05:00	73.3	27.8	318.2	20.3	59.0	19.7	18.8	.1	.7
06:00	61.4	65.3	55.0	61.7	53.2	18.6	9.1	.2	1.0
07:00	57.0	39.5	66.8	34.0	42.0	25.4	14.9	.1	1.0
08:00	79.0	67.9	242.3	62.7	49.2	18.2	15.1	.2	.3
09:00	92.1	67.4	156.2	59.5	21.1	40.0	25.1	.5	.4
10:00	107.4	98.5	117.0	94.6	33.1	28.1	35.2	1.2	1.3
11:00	135.7	152.6	122.2	152.5	41.0	38.8	51.7	1.2	1.1
12:00	186.5	193.5	174.3	195.2	62.3	65.6	49.0	1.3	1.3
13:00	199.0	192.8	193.1	193.8	42.6	38.1	33.9	2.6	3.2
14:00	239.4	239.4	232.0	240.4	49.4	39.8	31.3	2.5	3.1
15:00	266.7	264.3	258.7	264.0	41.2	34.2	31.8	2.2	3.1
16:00	220.1	219.0	217.5	221.2	28.8	21.8	17.8	3.2	4.2
17:00	222.6	220.8	216.5	222.7	26.0	18.9	14.8	2.3	3.2
18:00	252.0	239.6	279.6	241.0	19.2	8.7	5.2	1.1	2.2
19:00	254.2	206.5	323.1	208.0	59.1	41.0	9.8	.4	.9
20:00	242.3	234.9	240.3	236.3	38.3	18.8	11.8	.6	.6
21:00	236.8	212.5	285.3	214.5	25.9	48.8	7.7	.1	.3
22:00	245.2	220.6	248.1	223.2	14.1	9.1	8.6	1.1	2.2
23:00	248.7	227.6	244.3	229.8	13.2	5.5	8.4	1.2	3.2
Avg	157.0	160.0	253.0	171.0	40.7	28.6	21.1	.0	.0
Max	266.7	264.3	339.9	264.0	62.3	65.6	51.7	3.2	4.2
Hr. of Max	15	15	01	15	12	12	11	16	16
Min	51.9	19.0	34.8	14.0	13.2	5.5	5.2	.0	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/25/2014

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	1.4	.7	1.2	1.5	1.1	2.0	2.7	.6	.06
01:00	1.6	.4	.8	1.7	.9	2.1	2.1	1.0	.02
02:00	.9	.1	.3	.9	.6	1.4	3.5	-.2	.05
03:00	1.6	.6	.8	1.7	1.1	2.2	2.4	.0	.04
04:00	1.1	.3	.5	1.3	.7	1.7	1.2	1.0	.02
05:00	1.2	.1	.7	1.3	.7	1.8	3.1	1.0	.04
06:00	1.8	.2	1.1	1.8	.7	2.3	2.6	-.3	.04
07:00	2.2	.2	1.0	2.3	.8	2.8	3.4	.8	.06
08:00	1.3	.3	.4	1.4	.9	1.9	.8	-.9	.00
09:00	.5	.7	.5	.6	1.3	.9	.3	-2.6	.08
10:00	1.0	1.4	1.4	1.2	2.1	1.8	1.6	-8.4	.09
11:00	1.1	1.5	1.3	1.3	2.2	2.0	-1.4	-13.5	.03
12:00	1.6	2.3	2.4	2.5	3.1	3.3	2.3	5.5	.14
13:00	3.7	3.6	4.0	4.2	4.3	4.9	2.7	-1.0	.14
14:00	3.5	3.2	3.6	3.8	4.0	4.6	.0	-3.3	-.03
15:00	3.6	2.8	3.6	4.1	3.4	4.7	.6	-7.0	-.08
16:00	4.6	3.6	4.5	4.9	4.2	5.4	-.5	-2.2	-.14
17:00	3.9	2.6	3.4	4.1	3.0	4.5	2.7	-.7	.04
18:00	3.5	1.2	2.3	3.6	1.5	4.0	-.2	.5	-.02
19:00	2.7	.5	1.0	2.8	.8	3.1	2.3	.6	.02
20:00	2.1	.7	.6	2.1	1.2	2.5	1.7	.3	.03
21:00	2.1	.1	.3	2.1	.3	2.5	.7	.0	.01
22:00	3.5	1.1	2.2	3.6	1.6	4.0	1.4	1.0	.04
23:00	4.0	1.2	3.2	4.0	1.7	4.5	.9	1.0	.01
Avg	.0	1.2	1.7	2.5	1.8	3.0	1.5	-1.1	.03
Max	4.6	3.6	4.5	4.9	4.3	5.4	3.5	5.5	.14
Hr. of Max	16	16	16	16	13	16	02	12	13
Min	.5	.1	.3	.6	.3	.9	-1.4	-13.5	-.14
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/25/2014

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	.02	2.5	2.7	3.0	2.9	3.5	8.9	6.6
01:00	.03	1.4	3.2	4.4	2.0	4.0	9.4	7.0
02:00	.00	1.1	1.6	2.1	1.9	2.5	8.1	5.8
03:00	.02	1.8	2.1	3.2	2.4	3.6	6.5	6.8
04:00	.02	1.6	1.6	2.5	2.0	3.0	7.3	5.1
05:00	.03	1.1	2.1	2.5	1.7	2.9	9.2	4.9
06:00	.00	1.6	2.5	3.2	2.0	3.6	8.2	4.5
07:00	.03	1.4	2.5	4.8	2.1	3.9	9.6	4.2
08:00	-.03	2.1	1.6	3.7	2.8	2.9	7.7	4.4
09:00	-.06	3.0	2.7	3.7	3.2	2.4	25.2	14.4
10:00	-.32	4.1	3.9	3.7	5.0	4.8	27.8	27.4
11:00	-.52	4.6	4.8	4.4	5.2	5.1	30.2	34.0
12:00	.25	7.8	9.2	8.5	9.1	10.2	29.9	33.4
13:00	-.07	8.9	9.8	10.5	11.4	11.3	22.8	25.5
14:00	-.20	9.6	10.1	11.2	10.5	10.8	24.3	27.2
15:00	-.60	8.2	9.4	9.8	9.9	10.6	22.0	20.0
16:00	-.22	9.8	8.9	11.2	8.7	9.6	17.4	14.6
17:00	-.12	7.3	11.7	8.5	7.7	9.3	17.2	13.8
18:00	.04	2.7	3.4	6.0	2.9	6.4	7.0	2.9
19:00	.04	1.8	3.7	8.9	2.1	4.9	9.9	4.6
20:00	.01	1.8	2.1	3.2	2.3	3.6	7.0	4.4
21:00	-.01	1.4	1.8	5.3	1.6	3.8	6.0	3.2
22:00	.07	2.5	3.7	5.7	2.9	6.2	4.3	2.2
23:00	.08	2.7	6.2	11.2	3.4	6.7	5.1	2.3
Avg	-.06	3.8	4.6	5.9	4.4	5.7	13.8	11.6
Max	.25	9.8	11.7	11.2	11.4	11.3	30.2	34.0
Hr. of Max	12	16	17	23	13	13	11	11
Min	-.60	1.1	1.6	2.1	1.6	2.4	4.3	2.2
Count	24	24	24	24	24	24	24	24
Total								