Date Printed: 12/02/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/1/2014

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	10.1	12.0	12.9	13.7	1.87	2.81	3.64	.94	1.76
01:00	10.0	11.6	12.4	13.4	1.65	2.47	3.47	.82	1.82
02:00	10.1	11.5	12.2	13.0	1.36	2.12	2.90	.76	1.54
03:00	9.7	11.2	12.3	12.8	1.51	2.56	3.09	1.05	1.58
04:00	9.4	11.2	12.3	12.6	1.80	2.87	3.22	1.07	1.41
05:00	9.5	11.4	12.1	12.3	1.81	2.53	2.79	.72	.98
06:00	9.2	11.0	11.9	12.2	1.82	2.65	2.96	.83	1.14
07:00	9.4	10.9	11.7	12.0	1.46	2.32	2.65	.86	1.18
08:00	10.3	11.3	11.8	11.9	1.04	1.54	1.68	.51	.64
09:00	11.9	12.2	12.3	12.3	.29	.38	.42	.09	.13
10:00	13.2	13.2	13.0	13.0	-.07	-.20	-.23	-.13	-.16
11:00	13.7	13.5	13.4	13.3	-.14	-.32	-.39	-.18	-.25
12:00	14.0	13.9	13.7	13.6	-.12	-.32	-.40	-.20	-.27
13:00	14.9	14.7	14.5	14.4	-.19	-.39	-.47	-.20	-.29
14:00	16.6	16.3	16.1	16.0	-.31	-.52	-.61	-.21	-.30
15:00	17.7	17.5	17.3	17.2	-.16	-.38	-.45	-.22	-.29
16:00	17.3	17.5	17.3	17.3	.19	.06	.07	-.12	-.11
17:00	16.7	17.1	17.1	17.1	.39	.36	.41	-.04	.02
18:00	15.4	16.6	16.7	16.7	1.25	1.27	1.36	.02	.12
19:00	14.4	15.6	15.6	15.7	1.17	1.23	1.33	.05	.15
20:00	13.7	13.8	13.6	13.5	.06	-.12	-.19	-.18	-.25
21:00	11.8	11.8	11.6	11.6	-.01	-.19	-.26	-.18	-.25
22:00	10.4	10.4	10.2	10.2	-.05	-.21	-.26	-.17	-.22
23:00	9.6	9.6	9.4	9.3	-.05	-.23	-.29	-.18	-.24
Avg	12.5	13.2	13.4	13.5	.69	.93	1.10	.24	.41
Max	17.7	17.5	17.3	17.3	1.87	2.87	3.64	1.07	1.82
Hr. of Max	15	16	16	16	00	04	00	04	01
Min	9.2	9.6	9.4	9.3	-.31	-.52	-.61	-.22	-.30
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/1/2014

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	8.2	8.6	8.8	9.1	89.0	81.0	8.3	8.5	0.00689
01:00	8.2	8.5	8.8	9.0	89.7	82.3	8.3	8.5	0.006874
02:00	8.3	8.5	8.9	9.0	89.2	83.1	8.4	8.5	0.006915
03:00	8.1	8.6	8.6	9.0	90.4	84.9	8.3	8.5	0.006821
04:00	8.0	8.5	8.4	9.0	91.8	84.8	8.2	8.5	0.006768
05:00	8.0	8.6	8.5	9.0	91.1	84.0	8.2	8.5	0.006786
06:00	7.8	8.4	8.3	9.0	91.9	85.0	8.1	8.4	0.006695
07:00	7.9	8.2	8.4	9.0	91.3	84.9	8.2	8.3	0.006726
08:00	8.4	8.4	9.0	9.0	89.3	83.1	8.4	8.4	0.006971
09:00	9.2	8.7	10.1	9.0	84.4	80.1	8.8	8.6	0.007345
10:00	9.4	9.2	10.7	9.1	78.5	77.8	8.9	8.8	0.007462
11:00	9.4	9.3	10.8	9.3	76.6	76.8	9.0	8.9	0.007491
12:00	9.7	9.7	11.2	9.4	76.5	76.9	9.1	9.1	0.007659
13:00	10.3	10.1	11.8	9.6	74.8	75.1	9.4	9.4	0.007938
14:00	11.4	11.2	13.1	9.8	72.3	72.9	10.1	10.0	0.008583
15:00	12.1	12.1	14.0	10.0	71.1	71.7	10.6	10.6	0.009015
16:00	12.6	12.7	14.1	10.3	75.2	74.7	10.9	11.0	0.009292
17:00	12.7	12.8	14.1	10.5	78.5	77.1	11.0	11.1	0.009366
18:00	13.0	12.9	13.8	10.6	87.2	79.8	11.3	11.1	0.009544
19:00	13.2	13.4	13.6	10.7	93.9	88.6	11.5	11.6	0.009653
20:00	12.3	12.4	12.8	10.7	92.6	92.8	10.8	10.9	0.009099
21:00	10.4	10.5	10.9	10.8	92.1	92.9	9.6	9.7	0.007999
22:00	9.1	9.1	9.5	10.8	92.4	93.0	8.8	8.9	0.007303
23:00	8.4	8.5	8.8	10.8	93.3	93.9	8.5	8.5	0.00699
Avg	9.8	10.0	10.7	9.7	85.5	82.4	9.3	9.3	0.007758
Max	13.2	13.4	14.1	10.8	93.9	93.9	11.5	11.6	0.009653
Hr. of Max	19	19	17	23	19	23	19	19	19
Min	7.8	8.2	8.3	9.0	71.1	71.7	8.1	8.3	0.006695
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/1/2014

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	0.007098	10.9	11.2	.00	29.37	994.6	-2.2	.00	57.3
01:00	0.007044	10.9	11.1	.00	29.37	994.7	-2.2	.00	69.3
02:00	0.007051	10.9	11.2	.00	29.38	994.9	-2.1	.00	48.1
03:00	0.007081	10.8	11.2	.00	29.39	995.1	-2.2	.00	75.6
04:00	0.007054	10.7	11.2	.00	29.39	995.3	-2.0	.00	335.6
05:00	0.007064	10.7	11.2	.00	29.40	995.6	-2.2	.00	239.9
06:00	0.006992	10.6	11.1	.00	29.41	996.0	-2.3	.00	239.7
07:00	0.006902	10.7	10.9	.00	29.42	996.4	1.6	.00	224.4
08:00	0.006951	11.0	11.0	.00	29.44	996.9	22.6	.03	217.5
09:00	0.007106	11.6	11.3	.00	29.44	997.1	65.4	.09	228.7
10:00	0.007359	11.8	11.7	.00	29.45	997.2	83.6	.12	256.5
11:00	0.007442	11.9	11.8	.00	29.43	996.8	71.8	.10	257.0
12:00	0.007642	12.1	12.1	.00	29.41	996.0	74.2	.11	279.9
13:00	0.007876	12.5	12.4	.00	29.39	995.2	172.0	.25	209.3
14:00	0.008487	13.5	13.4	.00	29.37	994.5	249.4	.36	220.5
15:00	0.009	14.2	14.2	.00	29.36	994.2	141.4	.20	232.2
16:00	0.009336	14.6	14.7	.00	29.36	994.2	18.9	.03	216.8
17:00	0.009437	14.8	14.9	.00	29.36	994.3	-.5	.00	210.5
18:00	0.00946	15.0	14.9	.00	29.37	994.6	-1.1	.00	232.3
19:00	0.009812	15.2	15.5	.03	29.38	994.9	-1.2	.00	252.1
20:00	0.009161	14.3	14.4	.03	29.39	995.2	-1.9	.00	258.2
21:00	0.008061	12.6	12.7	.04	29.39	995.4	-1.8	.00	253.5
22:00	0.007325	11.6	11.6	.02	29.40	995.7	-2.6	.00	243.7
23:00	0.007011	11.1	11.1	.08	29.41	996.0	-2.2	.00	271.6
Avg	0.007823	12.3	12.4	.01	29.40	995.5	36.4	.05	242.0
Max	0.009812	15.2	15.5	.08	29.45	997.2	249.4	.36	335.6
Hr. of Max	19	19	19	23	10	10	14	14	04
Min	0.006902	10.6	10.9	.00	29.36	994.2	-2.6	.00	48.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/1/2014

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	45.0	2.5	65.0	1.0	17.8	26.9	23.8	.5	1.7
01:00	44.3	4.0	74.2	3.5	30.7	21.5	27.5	.4	1.3
02:00	58.1	260.7	50.8	260.8	41.9	16.3	37.1	.3	.9
03:00	18.8	288.8	83.0	288.9	52.4	40.2	20.6	.2	.5
04:00	258.7	294.7	310.4	293.9	58.2	56.5	26.3	.2	.3
05:00	219.6	313.9	238.6	309.2	47.4	59.1	37.1	.2	.3
06:00	271.6	300.9	239.4	299.1	33.0	63.5	28.4	.8	.6
07:00	240.1	297.9	229.0	299.0	18.0	47.2	18.7	1.2	.9
08:00	264.6	295.1	223.4	295.5	26.5	26.0	19.2	1.5	1.5
09:00	257.0	258.7	231.7	263.0	47.1	34.8	38.2	.4	.9
10:00	289.3	298.2	260.5	296.4	44.8	36.9	24.6	1.2	1.8
11:00	292.7	295.1	260.2	292.7	29.8	38.1	27.2	1.2	1.6
12:00	307.6	310.5	285.3	309.7	38.7	34.5	34.6	.7	1.2
13:00	245.3	259.1	209.0	259.8	70.3	67.5	65.2	.2	.4
14:00	234.0	231.0	226.7	232.7	40.7	29.8	27.8	1.2	1.6
15:00	236.6	227.2	237.4	229.7	28.2	26.1	23.8	1.8	2.6
16:00	218.0	210.3	222.5	212.1	18.7	14.5	12.8	2.4	4.1
17:00	211.2	206.5	216.6	208.6	14.1	9.5	7.3	2.7	4.8
18:00	225.1	218.3	236.8	220.7	12.1	7.2	5.3	1.7	3.5
19:00	251.7	245.2	255.8	247.0	25.5	15.8	13.5	1.6	3.0
20:00	283.3	287.2	263.5	286.8	27.4	26.0	16.2	2.5	3.5
21:00	276.1	284.1	259.2	283.8	27.2	23.3	21.0	2.7	3.5
22:00	287.0	308.8	250.9	307.5	42.5	63.8	57.3	1.2	1.2
23:00	310.6	319.7	270.9	317.3	55.9	46.3	44.1	1.1	1.3
Avg	268.0	281.0	245.0	280.0	35.4	34.6	27.4	.0	.0
Max	310.6	319.7	310.4	317.3	70.3	67.5	65.2	2.7	4.8
Hr. of Max	23	23	04	23	13	13	13	21	17
Min	18.8	2.5	50.8	1.0	12.1	7.2	5.3	.2	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/1/2014

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	.2	.5	1.8	1.3	1.0	1.7	4.1	3.2	.06
01:00	.9	.6	1.5	1.6	1.0	2.0	3.9	1.2	.06
02:00	.5	.3	.9	.7	.6	1.1	3.8	1.6	.05
03:00	1.6	.2	.8	1.8	.7	2.1	4.4	2.7	.06
04:00	1.9	.6	.7	2.0	1.0	2.2	3.4	1.9	.07
05:00	1.1	.3	.6	1.3	.8	1.7	1.3	.9	.03
06:00	1.8	.9	1.0	1.9	1.5	2.2	-.1	4.1	-.01
07:00	1.6	1.3	1.1	1.7	1.8	1.9	1.4	3.1	.02
08:00	2.6	1.6	1.6	2.8	2.1	2.9	1.0	3.1	.03
09:00	1.4	.6	1.3	1.6	1.1	2.0	1.5	-.3	.02
10:00	2.5	1.4	2.0	2.6	1.9	2.9	2.9	3.1	.05
11:00	2.1	1.3	1.7	2.3	1.9	2.6	3.5	-.2	.07
12:00	1.4	.9	1.5	1.6	1.5	2.1	-3.1	.3	-.14
13:00	.6	.4	.6	.8	1.1	1.4	4.0	-19.2	.07
14:00	1.9	1.5	1.8	2.1	2.0	2.7	1.8	-1.6	.05
15:00	3.2	2.0	2.9	3.4	2.7	3.9	-1.2	-3.3	-.12
16:00	5.5	2.6	4.3	5.7	3.3	6.2	-.1	-.4	-.05
17:00	6.3	2.8	4.8	6.3	3.2	6.8	-.4	.0	-.06
18:00	5.2	1.8	3.6	5.3	2.2	5.7	.0	.1	-.01
19:00	4.2	1.9	3.6	5.0	2.4	5.3	.1	1.8	-.03
20:00	4.7	2.7	3.7	4.9	3.2	5.2	-.9	-1.1	-.14
21:00	4.0	3.0	3.8	4.3	3.5	4.6	-1.9	-1.4	-.16
22:00	1.0	1.4	1.4	1.2	1.9	1.7	-.8	4.5	-.09
23:00	2.2	1.3	1.5	2.5	1.9	2.9	-4.7	-6.0	-.23
Avg	.0	1.3	2.0	2.7	1.8	3.1	1.0	-.1	-.02
Max	6.3	3.0	4.8	6.3	3.5	6.8	4.4	4.5	.07
Hr. of Max	17	21	17	17	21	17	03	22	13
Min	.2	.2	.6	.7	.6	1.1	-4.7	-19.2	-.23
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/1/2014

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	.10	2.1	3.7	7.8	2.2	5.2	11.4	10.2
01:00	.04	3.0	4.4	3.9	3.3	3.8	11.5	10.8
02:00	.02	1.6	3.4	3.0	1.9	3.8	10.2	13.8
03:00	.07	1.8	3.0	5.0	2.0	5.6	16.4	11.6
04:00	.04	3.0	3.7	6.0	3.2	6.8	13.5	14.5
05:00	.03	1.6	2.3	4.4	2.2	4.8	13.9	16.2
06:00	.12	3.0	3.2	5.3	3.4	5.9	15.3	13.8
07:00	.07	3.4	3.0	4.6	4.1	4.6	8.0	13.8
08:00	.12	3.9	4.6	7.3	4.5	6.5	11.9	12.9
09:00	-.01	3.2	3.7	4.6	2.7	5.0	11.0	11.7
10:00	.01	5.0	5.5	7.3	5.9	6.1	18.4	17.5
11:00	-.18	4.6	5.3	5.0	5.1	5.7	21.3	20.3
12:00	-.12	3.2	3.9	4.1	4.6	4.5	24.3	23.3
13:00	-.50	3.0	3.0	3.4	3.3	4.1	32.0	23.8
14:00	-.17	3.9	4.4	4.8	5.2	5.7	24.2	20.9
15:00	-.28	7.6	8.0	7.6	8.4	8.4	18.9	15.5
16:00	-.08	6.9	9.4	11.7	8.8	12.3	12.6	7.8
17:00	-.03	8.0	8.9	10.1	9.9	10.5	9.3	5.2
18:00	-.01	5.0	10.8	13.3	4.9	9.0	6.7	3.8
19:00	.14	5.7	8.0	11.0	5.7	11.2	11.1	7.2
20:00	-.19	8.9	8.2	10.8	8.6	11.1	17.9	11.7
21:00	-.22	7.6	8.5	9.2	7.7	10.1	16.3	15.5
22:00	.03	5.7	6.6	5.5	6.2	6.5	18.6	27.2
23:00	-.41	7.6	8.9	9.6	6.0	7.7	18.4	15.2
Avg	-.06	4.6	5.6	6.9	5.0	6.9	15.5	14.3
Max	.14	8.9	10.8	13.3	9.9	12.3	32.0	27.2
Hr. of Max	19	20	18	18	17	16	13	22
Min	-.50	1.6	2.3	3.0	1.9	3.8	6.7	3.8
Count	24	24	24	24	24	24	24	24
Total								