Date Printed: 12/24/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/23/2014

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	8.7	8.8	8.7	8.6	.13	.03	-.01	-.10	-.15
01:00	8.6	8.7	8.6	8.6	.15	.03	-.04	-.12	-.18
02:00	8.6	8.7	8.5	8.4	.07	-.09	-.16	-.16	-.23
03:00	8.5	8.5	8.3	8.3	.02	-.15	-.21	-.17	-.23
04:00	8.4	8.4	8.2	8.2	.03	-.14	-.17	-.17	-.20
05:00	8.4	8.4	8.2	8.2	.00	-.14	-.16	-.14	-.15
06:00	8.4	8.3	8.2	8.2	-.02	-.16	-.17	-.14	-.15
07:00	8.3	8.3	8.2	8.2	-.02	-.16	-.17	-.13	-.15
08:00	8.4	8.4	8.2	8.2	-.04	-.18	-.19	-.13	-.14
09:00	8.6	8.5	8.4	8.3	-.10	-.28	-.32	-.18	-.22
10:00	9.3	9.1	8.9	8.8	-.20	-.44	-.54	-.24	-.34
11:00	10.0	9.8	9.6	9.5	-.15	-.36	-.51	-.21	-.36
12:00	10.6	10.4	10.2	10.0	-.23	-.47	-.61	-.24	-.38
13:00	10.8	10.6	10.4	10.3	-.20	-.42	-.54	-.22	-.35
14:00	11.1	11.1	10.9	10.8	-.01	-.18	-.26	-.17	-.25
15:00	10.8	11.0	11.0	11.0	.20	.18	.24	-.02	.04
16:00	10.8	11.0	11.0	11.1	.20	.18	.30	-.03	.10
17:00	11.1	11.3	11.2	11.2	.17	.09	.11	-.07	-.06
18:00	11.1	11.4	11.5	11.6	.34	.40	.47	.05	.13
19:00	11.1	11.4	11.4	11.5	.27	.30	.45	.03	.17
20:00	11.2	11.4	11.4	11.5	.23	.18	.34	-.05	.11
21:00	11.0	11.4	11.6	11.8	.39	.56	.74	.17	.35
22:00	11.2	11.5	11.5	11.6	.29	.27	.38	-.01	.09
23:00	11.3	11.6	11.5	11.6	.29	.25	.32	-.03	.03
Avg	9.8	9.9	9.8	9.8	.08	-.03	-.03	-.10	-.11
Max	11.3	11.6	11.6	11.8	.39	.56	.74	.17	.35
Hr. of Max	23	23	21	21	21	21	21	21	21
Min	8.3	8.3	8.2	8.2	-.23	-.47	-.61	-.24	-.38
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/23/2014

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	7.7	7.8	8.0	8.4	94.8	94.5	8.1	8.1	0.006757
01:00	7.7	7.7	8.0	8.4	95.2	94.4	8.1	8.1	0.006754
02:00	7.6	7.7	7.9	8.4	94.3	94.4	8.0	8.1	0.006692
03:00	7.5	7.6	7.8	8.4	94.6	95.1	8.0	8.0	0.006658
04:00	7.5	7.6	7.8	8.4	95.1	95.6	8.0	8.0	0.006656
05:00	7.5	7.6	7.8	8.4	95.5	96.1	8.0	8.1	0.006676
06:00	7.5	7.6	7.8	8.4	95.6	96.4	8.0	8.1	0.006666
07:00	7.5	7.6	7.8	8.4	95.7	96.6	8.0	8.1	0.006669
08:00	7.6	7.7	7.9	8.4	95.8	96.7	8.0	8.1	0.006694
09:00	7.8	7.9	8.1	8.4	95.6	96.5	8.2	8.2	0.006792
10:00	8.3	8.2	8.6	8.4	94.3	95.3	8.4	8.4	0.007004
11:00	8.6	8.5	9.0	8.5	91.8	92.4	8.5	8.5	0.007152
12:00	9.0	8.9	9.6	8.6	91.0	91.2	8.8	8.7	0.007407
13:00	9.2	9.1	9.7	8.8	90.7	91.3	8.9	8.8	0.007475
14:00	9.3	9.4	9.9	8.9	90.0	90.2	9.0	9.0	0.007566
15:00	9.5	9.6	10.0	9.1	93.1	92.4	9.1	9.1	0.007673
16:00	9.9	10.1	10.2	9.3	95.5	95.5	9.3	9.4	0.007878
17:00	10.2	10.4	10.5	9.5	95.5	95.4	9.5	9.6	0.008032
18:00	10.2	10.6	10.5	9.7	95.4	95.7	9.5	9.7	0.008034
19:00	10.3	10.6	10.5	9.8	95.9	96.1	9.5	9.7	0.008061
20:00	10.4	10.7	10.6	10.0	96.1	96.6	9.6	9.8	0.008123
21:00	10.3	10.7	10.5	10.0	96.1	96.7	9.5	9.8	0.008058
22:00	10.5	10.8	10.7	10.1	96.3	96.9	9.7	9.9	0.008158
23:00	10.5	10.9	10.8	10.1	96.3	96.9	9.7	9.9	0.008202
Avg	8.8	9.0	9.2	9.0	94.6	95.0	8.7	8.8	0.007327
Max	10.5	10.9	10.8	10.1	96.3	96.9	9.7	9.9	0.008202
Hr. of Max	23	23	23	23	23	23	23	23	23
Min	7.5	7.6	7.8	8.4	90.0	90.2	8.0	8.0	0.006656
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/23/2014

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	0.006797	10.5	10.6	.00	28.95	980.3	-2.1	.00	234.2
01:00	0.006764	10.5	10.5	.00	28.94	980.0	-2.1	.00	249.9
02:00	0.006727	10.4	10.5	.00	28.95	980.4	-2.6	.00	251.6
03:00	0.006705	10.4	10.5	.00	28.95	980.3	-1.7	.00	238.3
04:00	0.006704	10.4	10.4	.00	28.93	979.9	-2.5	.00	255.0
05:00	0.006715	10.4	10.5	.00	28.95	980.4	-2.4	.00	262.6
06:00	0.006714	10.4	10.5	.00	28.96	980.9	-2.0	.00	205.3
07:00	0.006718	10.4	10.5	.00	28.97	981.2	-1.7	.00	273.1
08:00	0.006738	10.5	10.5	.00	28.99	981.8	7.7	.01	145.2
09:00	0.00681	10.6	10.6	.00	29.00	982.0	33.6	.05	4.8
10:00	0.006979	10.9	10.9	.00	28.99	981.8	73.2	.10	50.4
11:00	0.007124	11.2	11.1	.00	28.98	981.4	105.1	.15	46.7
12:00	0.007312	11.5	11.4	.00	28.93	979.8	126.0	.18	60.5
13:00	0.007432	11.6	11.6	.00	28.89	978.5	101.1	.14	74.0
14:00	0.007581	11.8	11.8	.00	28.89	978.4	29.5	.04	354.6
15:00	0.007719	11.9	12.0	.14	28.89	978.4	7.2	.01	51.0
16:00	0.007985	12.2	12.4	.07	28.86	977.4	4.0	.01	68.6
17:00	0.008117	12.5	12.6	.15	28.87	977.6	-1.3	.00	74.2
18:00	0.008239	12.5	12.8	.15	28.88	978.1	-2.4	.00	338.1
19:00	0.008234	12.5	12.8	.10	28.88	978.1	-1.8	.00	225.2
20:00	0.008295	12.6	12.9	.20	28.89	978.4	-2.3	.00	56.1
21:00	0.008318	12.5	12.9	.18	28.89	978.5	-1.9	.00	208.5
22:00	0.008364	12.7	13.0	.34	28.92	979.5	-2.3	.00	233.6
23:00	0.008407	12.7	13.0	.15	28.88	978.0	-2.5	.00	81.2
Avg	0.007396	11.4	11.5	.06	28.93	979.6	19.0	.03	316.0
Max	0.008407	12.7	13.0	.34	29.00	982.0	126.0	.18	354.6
Hr. of Max	23	23	23	22	09	09	12	12	14
Min	0.006704	10.4	10.4	.00	28.86	977.4	-2.6	.00	4.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/23/2014

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	275.8	282.1	236.8	282.6	56.0	39.1	25.1	.7	1.4
01:00	268.5	276.7	252.0	276.6	33.1	23.0	17.1	1.4	2.6
02:00	271.3	274.9	256.5	275.2	24.7	22.0	15.8	1.8	2.5
03:00	263.9	274.4	239.6	274.1	54.6	43.7	27.2	.7	1.2
04:00	277.5	274.3	258.1	275.3	52.4	52.2	37.4	.3	.6
05:00	285.6	290.6	264.3	288.8	47.7	30.6	24.1	.9	1.3
06:00	293.7	289.4	233.0	288.6	57.0	54.3	53.3	.3	.5
07:00	292.3	301.0	275.4	298.0	24.0	16.7	17.5	1.2	1.9
08:00	84.4	9.8	152.9	340.6	50.0	33.9	38.1	.0	.2
09:00	3.9	354.4	359.5	351.6	35.1	43.0	36.9	1.0	1.5
10:00	50.9	55.6	51.2	51.8	40.7	20.9	15.5	1.2	2.6
11:00	40.8	45.7	52.6	42.0	40.8	32.4	27.3	.9	1.7
12:00	63.4	60.7	62.2	57.5	27.9	18.5	13.6	2.7	4.7
13:00	75.0	73.3	73.6	69.8	28.5	17.7	12.5	4.3	6.2
14:00	8.9	9.7	355.8	5.3	36.3	25.7	21.1	1.7	3.3
15:00	50.0	43.3	49.5	36.9	51.5	39.2	25.3	.9	2.4
16:00	65.8	59.1	69.1	55.0	37.7	18.5	12.2	1.9	4.1
17:00	77.3	75.6	74.3	71.2	40.5	21.9	13.5	2.4	4.6
18:00	20.1	50.7	333.5	44.2	52.0	45.7	37.5	.9	1.8
19:00	272.9	289.6	230.0	287.6	44.6	44.7	46.0	1.6	2.2
20:00	69.9	44.3	52.2	40.0	33.0	38.4	48.8	.9	1.5
21:00	268.9	297.8	226.5	297.4	43.8	45.9	33.0	1.1	1.3
22:00	255.1	273.1	237.5	274.5	41.0	45.8	34.0	1.3	2.5
23:00	95.7	94.2	83.8	90.8	34.7	21.2	15.1	1.4	2.4
Avg	350.0	349.0	311.0	344.0	41.2	33.1	27.0	.0	.0
Max	293.7	354.4	359.5	351.6	57.0	54.3	53.3	4.3	6.2
Hr. of Max	06	09	09	09	06	06	06	13	13
Min	3.9	9.7	49.5	5.3	24.0	16.7	12.2	.0	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/23/2014

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	2.4	.9	1.6	2.5	1.4	2.8	.0	1.1	-.02
01:00	3.4	1.6	2.8	3.6	2.1	3.9	1.4	.5	.01
02:00	3.5	2.0	2.7	3.6	2.4	3.9	-2.8	-.3	-.19
03:00	1.8	.9	1.3	2.0	1.4	2.3	-2.0	-.7	-.06
04:00	.9	.9	1.2	1.4	1.3	1.8	-.1	-1.5	-.01
05:00	1.7	1.0	1.6	2.0	1.5	2.3	.3	-1.9	-.04
06:00	.9	.4	.7	1.1	.9	1.5	3.2	.9	.04
07:00	2.4	1.5	2.2	2.6	1.9	2.9	-2.8	-2.8	-.12
08:00	.2	1.0	1.2	1.2	1.4	1.6	1.4	-4.5	.00
09:00	1.7	1.1	1.7	1.9	1.5	2.3	-2.1	.9	-.12
10:00	3.3	1.4	2.8	3.5	1.9	3.9	3.2	1.0	-.01
11:00	1.9	1.2	1.9	2.1	1.7	2.6	-2.7	-.2	-.12
12:00	5.8	3.0	4.9	5.9	3.4	6.5	1.6	2.5	-.03
13:00	7.5	4.7	6.5	7.6	5.3	8.1	.2	.1	-.08
14:00	4.2	2.4	3.8	4.6	2.8	5.1	-4.1	-2.4	-.33
15:00	3.8	1.5	2.6	4.1	1.9	4.5	1.8	.9	.01
16:00	5.8	2.2	4.3	6.0	2.5	6.4	.8	-1.7	-.06
17:00	6.1	2.8	4.9	6.4	3.3	6.8	1.6	.8	.01
18:00	2.7	1.6	2.3	2.9	2.0	3.4	-2.6	-.4	-.14
19:00	2.8	2.3	3.1	3.8	2.9	3.9	.9	-.8	.00
20:00	1.5	1.3	1.9	2.3	1.8	2.8	1.0	.5	.02
21:00	2.1	1.5	2.4	2.8	2.1	3.2	.5	-.4	-.01
22:00	3.4	1.6	2.9	3.9	2.2	4.2	-1.0	.9	-.05
23:00	3.0	1.8	2.8	3.3	2.2	3.7	-.3	.7	-.04
Avg	.0	1.7	2.7	3.4	2.2	3.8	-.1	-.3	-.06
Max	7.5	4.7	6.5	7.6	5.3	8.1	3.2	2.5	.04
Hr. of Max	13	13	13	13	13	13	10	12	06
Min	.2	.4	.7	1.1	.9	1.5	-4.1	-4.5	-.33
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/23/2014

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	.00	6.2	7.3	11.4	4.3	7.5	14.4	11.7
01:00	-.03	4.8	6.6	6.6	6.0	8.2	14.4	10.8
02:00	-.08	5.5	6.4	10.3	6.4	8.2	15.9	10.3
03:00	-.07	3.7	5.0	6.4	4.8	6.1	14.6	12.4
04:00	-.04	2.5	2.7	4.8	3.0	3.3	12.3	11.3
05:00	-.09	4.1	4.6	5.3	4.6	5.6	14.8	11.4
06:00	-.02	3.9	4.4	7.1	3.8	4.4	15.8	15.6
07:00	-.18	3.9	5.0	5.3	4.0	5.4	13.9	8.6
08:00	-.09	2.7	3.4	3.4	3.6	3.9	14.1	15.8
09:00	-.07	4.4	6.6	5.7	4.7	5.3	20.7	17.8
10:00	.03	6.0	7.1	7.3	5.4	7.6	23.0	10.4
11:00	.00	4.4	10.8	11.2	4.7	7.1	25.4	19.0
12:00	.12	8.5	11.4	11.7	9.4	12.3	21.2	13.4
13:00	-.14	12.6	13.5	12.1	12.4	13.8	18.5	12.0
14:00	-.27	6.0	8.9	9.4	7.5	10.1	17.9	11.6
15:00	.03	5.0	7.8	8.9	5.5	72.8	18.8	11.4
16:00	-.20	5.7	11.9	16.3	6.6	10.7	17.0	5.8
17:00	.08	9.4	10.8	11.9	9.0	12.2	18.4	7.6
18:00	-.11	7.6	9.2	9.4	8.4	11.0	15.2	14.4
19:00	-.05	8.2	10.1	12.1	8.5	13.9	11.2	13.5
20:00	.00	4.6	4.8	8.7	5.0	7.1	17.5	15.0
21:00	-.02	5.7	6.0	7.1	6.9	7.1	11.9	11.3
22:00	.05	4.8	10.3	7.8	5.1	8.0	15.5	12.5
23:00	.01	4.8	6.4	6.4	6.7	7.0	12.1	8.6
Avg	-.05	5.6	7.5	8.6	6.1	10.8	16.4	12.2
Max	.12	12.6	13.5	16.3	12.4	72.8	25.4	19.0
Hr. of Max	12	13	13	16	13	15	11	11
Min	-.27	2.5	2.7	3.4	3.0	3.3	11.2	5.8
Count	24	24	24	24	24	24	24	24
Total								