Date Printed: 12/07/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/6/2014

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	11.8	11.9	11.8	11.8	.11	-.02	-.04	-.13	-.14
01:00	11.5	11.7	11.7	11.7	.21	.19	.27	-.02	.05
02:00	11.6	11.8	11.7	11.8	.18	.10	.15	-.08	-.03
03:00	11.7	11.9	11.8	11.8	.14	.06	.11	-.08	-.03
04:00	11.6	11.8	11.8	11.9	.20	.20	.24	.00	.04
05:00	11.7	11.9	11.9	12.0	.21	.22	.30	.01	.09
06:00	11.7	12.0	12.1	12.2	.27	.31	.41	.04	.14
07:00	12.0	12.3	12.2	12.2	.30	.24	.29	-.07	-.01
08:00	12.3	12.4	12.3	12.3	.12	.00	.07	-.12	-.06
09:00	12.5	12.6	12.4	12.5	.07	-.04	.02	-.12	-.05
10:00	12.8	12.8	12.6	12.6	.02	-.12	-.11	-.14	-.13
11:00	13.6	13.5	13.4	13.4	-.05	-.18	-.20	-.13	-.16
12:00	13.9	13.8	13.7	13.6	-.06	-.21	-.25	-.15	-.20
13:00	12.2	12.0	11.9	11.8	-.11	-.27	-.35	-.16	-.24
14:00	11.8	11.7	11.5	11.4	-.16	-.36	-.44	-.20	-.28
15:00	11.6	11.6	11.4	11.3	-.04	-.23	-.30	-.19	-.25
16:00	11.3	11.3	11.2	11.1	.03	-.15	-.20	-.18	-.23
17:00	10.5	10.6	10.5	10.5	.18	.06	.03	-.13	-.15
18:00	9.7	10.0	9.9	9.9	.31	.19	.16	-.11	-.15
19:00	8.4	9.1	9.1	9.1	.70	.69	.68	-.01	-.02
20:00	8.0	8.1	7.9	7.9	.12	-.02	-.07	-.13	-.19
21:00	7.5	7.5	7.4	7.3	.00	-.17	-.25	-.17	-.25
22:00	7.0	6.9	6.7	6.6	-.04	-.22	-.32	-.18	-.28
23:00	6.5	6.5	6.3	6.2	-.02	-.20	-.30	-.19	-.28
Avg	11.0	11.1	11.0	11.0	.11	.00	.00	-.11	-.12
Max	13.9	13.8	13.7	13.6	.70	.69	.68	.04	.14
Hr. of Max	12	12	12	12	19	19	19	06	06
Min	6.5	6.5	6.3	6.2	-.16	-.36	-.44	-.20	-.28
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/6/2014

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	10.6	10.8	11.0	11.6	93.7	94.1	9.8	9.9	0.00816
01:00	10.6	10.8	10.9	11.6	95.6	95.6	9.8	9.9	0.008146
02:00	10.8	10.9	11.0	11.5	95.7	95.6	9.8	9.9	0.008226
03:00	10.8	11.0	11.1	11.5	95.5	95.6	9.9	10.0	0.008271
04:00	10.7	11.0	11.0	11.5	95.6	95.9	9.8	10.0	0.008236
05:00	10.8	11.1	11.1	11.5	96.0	96.5	9.9	10.1	0.00829
06:00	10.9	11.2	11.2	11.5	96.2	96.2	10.0	10.1	0.008356
07:00	11.2	11.4	11.4	11.5	96.2	95.9	10.1	10.3	0.008474
08:00	11.5	11.6	11.7	11.5	96.1	96.1	10.3	10.4	0.00865
09:00	11.6	11.8	11.9	11.8	95.9	96.5	10.4	10.5	0.008755
10:00	11.9	12.0	12.2	11.9	95.9	96.4	10.6	10.6	0.008904
11:00	12.4	12.5	12.8	11.9	94.2	94.8	10.9	11.0	0.009241
12:00	12.5	12.6	13.0	12.0	93.0	93.7	11.0	11.0	0.009302
13:00	9.8	9.5	10.6	12.1	86.4	85.7	9.2	9.1	0.007723
14:00	8.1	7.8	9.3	12.2	78.8	77.9	8.2	8.1	0.006877
15:00	6.5	6.3	8.2	12.3	71.5	70.5	7.4	7.3	0.006159
16:00	5.9	5.7	7.7	12.3	70.2	69.0	7.1	7.0	0.005902
17:00	5.6	5.3	7.2	12.3	72.7	70.3	7.0	6.8	0.005767
18:00	5.0	4.8	6.6	12.1	73.2	70.9	6.7	6.6	0.005514
19:00	5.0	4.7	6.1	12.0	80.3	74.6	6.7	6.6	0.005527
20:00	4.4	4.2	5.6	11.8	79.0	77.4	6.5	6.4	0.005282
21:00	4.1	3.9	5.2	11.6	79.5	78.6	6.3	6.3	0.00516
22:00	3.9	3.7	4.9	11.4	81.4	80.8	6.2	6.2	0.005076
23:00	3.0	2.8	4.2	11.3	79.0	78.1	5.9	5.8	0.004771
Avg	8.7	8.6	9.4	11.8	87.2	86.5	8.7	8.7	0.007282
Max	12.5	12.6	13.0	12.3	96.2	96.5	11.0	11.0	0.009302
Hr. of Max	12	12	12	17	07	09	12	12	12
Min	3.0	2.8	4.2	11.3	70.2	69.0	5.9	5.8	0.004771
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/6/2014

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	0.008254	12.8	13.0	.12	29.29	992.0	-1.9	.00	239.3
01:00	0.008257	12.8	13.0	.15	29.26	991.1	-2.0	.00	254.8
02:00	0.008313	12.9	13.1	.23	29.26	990.9	-2.0	.00	224.9
03:00	0.008362	13.0	13.1	.03	29.24	990.3	-2.6	.00	205.5
04:00	0.008373	12.9	13.1	.12	29.22	989.4	-2.7	.00	240.5
05:00	0.008447	13.0	13.2	.02	29.20	988.9	-2.4	.00	224.5
06:00	0.008513	13.1	13.3	.02	29.19	988.6	-2.7	.00	222.9
07:00	0.008623	13.3	13.5	.08	29.19	988.6	-1.1	.00	246.2
08:00	0.008716	13.6	13.7	.12	29.19	988.6	23.3	.03	236.5
09:00	0.008847	13.7	13.9	.38	29.19	988.5	10.6	.02	225.2
10:00	0.008961	14.0	14.0	.05	29.19	988.6	44.4	.06	241.7
11:00	0.009277	14.5	14.5	.00	29.18	988.3	92.6	.13	239.5
12:00	0.009341	14.6	14.6	.00	29.18	988.0	75.9	.11	244.7
13:00	0.007608	12.1	11.9	.01	29.20	988.9	182.9	.26	262.9
14:00	0.006726	10.8	10.6	.00	29.22	989.7	186.3	.27	271.6
15:00	0.006055	9.7	9.6	.00	29.26	991.0	118.6	.17	342.9
16:00	0.005816	9.3	9.2	.00	29.30	992.4	77.9	.11	348.5
17:00	0.005649	9.1	8.9	.00	29.35	993.9	4.7	.01	319.3
18:00	0.005454	8.7	8.6	.00	29.38	994.8	-2.1	.00	10.1
19:00	0.005384	8.8	8.5	.00	29.40	995.5	-3.0	.00	17.3
20:00	0.005218	8.4	8.3	.00	29.41	996.1	-1.6	.00	46.7
21:00	0.005107	8.2	8.1	.00	29.43	996.8	-.9	.00	62.7
22:00	0.005024	8.1	8.0	.00	29.44	997.1	-2.1	.00	65.9
23:00	0.004706	7.6	7.5	.00	29.46	997.5	-1.9	.00	64.6
Avg	0.007293	11.5	11.5	.06	29.28	991.5	32.8	.05	264.0
Max	0.009341	14.6	14.6	.38	29.46	997.5	186.3	.27	348.5
Hr. of Max	12	12	12	09	23	23	14	14	16
Min	0.004706	7.6	7.5	.00	29.18	988.0	-3.0	.00	10.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/6/2014

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	255.6	258.4	244.3	259.7	33.2	25.4	19.9	1.7	2.8
01:00	277.0	272.2	255.9	274.8	52.6	25.3	15.5	.8	2.4
02:00	264.9	272.4	234.6	272.6	61.7	47.9	23.8	1.2	2.3
03:00	218.0	225.2	209.1	226.8	34.6	26.8	18.4	1.2	2.3
04:00	266.2	258.1	254.3	259.7	37.7	15.3	9.5	1.0	2.6
05:00	252.8	258.7	229.9	260.5	32.4	20.0	12.8	1.6	3.1
06:00	255.1	253.9	230.4	255.6	25.6	18.4	11.8	1.1	2.7
07:00	252.5	248.8	251.4	251.0	38.3	24.5	16.2	1.3	2.7
08:00	239.1	229.2	242.5	230.7	32.6	25.1	21.3	1.6	2.7
09:00	245.3	243.5	233.8	246.5	50.8	27.1	17.0	1.3	2.4
10:00	253.1	253.3	246.8	255.1	23.1	19.8	16.6	2.8	4.3
11:00	244.1	240.9	245.3	242.8	20.1	15.9	11.5	5.6	8.1
12:00	251.0	248.2	251.1	250.3	22.4	18.8	14.0	5.0	7.2
13:00	277.1	281.9	269.1	282.2	23.8	19.4	16.4	7.8	10.4
14:00	292.5	298.8	276.4	298.5	35.7	35.5	32.4	4.2	6.1
15:00	348.7	346.0	343.6	343.8	41.6	31.4	28.2	3.8	6.0
16:00	354.3	349.4	348.8	345.4	39.9	27.4	22.2	3.2	5.4
17:00	335.0	336.2	320.6	332.1	26.5	20.2	17.0	3.3	5.1
18:00	15.6	4.5	14.0	1.4	40.7	26.6	24.7	2.6	4.5
19:00	20.4	14.3	21.0	10.4	35.8	20.5	20.0	2.8	5.3
20:00	45.7	42.7	50.3	38.7	32.9	18.0	13.0	2.4	5.1
21:00	58.1	56.4	63.6	53.2	30.8	17.7	13.9	2.7	5.0
22:00	66.3	67.8	70.4	64.7	33.6	20.3	13.8	2.0	3.9
23:00	63.5	61.7	66.7	58.3	25.6	16.0	11.3	3.6	6.2
Avg	288.0	287.0	271.0	289.0	34.7	23.5	17.6	.0	.0
Max	354.3	349.4	348.8	345.4	61.7	47.9	32.4	7.8	10.4
Hr. of Max	16	16	16	16	02	02	14	13	13
Min	15.6	4.5	14.0	1.4	20.1	15.3	9.5	.8	2.3
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)

12/6/2014

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	3.9	2.1	3.2	4.3	2.5	4.7	.4	.7	-.01
01:00	4.0	1.1	2.5	4.1	1.6	4.3	1.5	4.5	.00
02:00	3.8	1.9	2.8	4.2	2.4	4.6	1.4	-.5	-.03
03:00	3.8	2.2	3.5	5.0	2.7	5.3	2.1	1.5	.03
04:00	3.9	1.2	2.6	3.9	1.6	4.3	1.3	.5	-.01
05:00	4.7	1.9	3.3	4.8	2.4	5.2	1.9	2.1	.04
06:00	4.5	1.3	2.9	4.6	1.8	5.0	2.5	2.5	.05
07:00	4.3	1.6	3.1	4.5	2.1	4.9	.7	1.5	-.01
08:00	4.2	2.7	4.1	5.6	3.2	6.0	-.1	.4	-.04
09:00	3.6	1.6	2.7	3.9	2.1	4.3	.5	.7	-.01
10:00	5.7	3.1	4.6	6.1	3.5	6.5	-1.0	1.0	-.14
11:00	10.5	6.0	8.4	10.7	6.7	11.4	-.5	.9	-.30
12:00	9.0	5.4	7.6	9.3	6.0	10.0	.6	.7	-.16
13:00	12.7	8.5	11.0	13.2	9.1	13.7	-2.4	-1.5	-.73
14:00	7.3	5.3	7.1	8.3	5.9	9.0	-2.6	-.3	-.51
15:00	7.5	4.7	6.9	8.3	5.5	9.2	-4.7	-.4	-.71
16:00	6.8	3.9	6.0	7.3	4.5	8.0	-3.4	-1.9	-.53
17:00	6.7	3.7	5.5	7.1	4.1	7.7	-4.1	-2.3	-.51
18:00	5.8	3.2	5.0	6.4	3.8	7.1	-2.4	-.4	-.35
19:00	6.5	3.2	5.6	6.9	3.7	7.5	.8	1.7	-.18
20:00	6.9	2.7	5.3	7.1	3.3	7.7	1.9	-.4	-.12
21:00	5.9	3.1	5.3	6.2	3.6	6.7	-1.5	-1.2	-.26
22:00	5.4	2.3	4.2	5.6	2.9	6.2	3.2	3.5	.09
23:00	7.9	4.0	6.5	8.2	4.6	8.7	.3	.2	-.12
Avg	.0	3.2	5.0	6.5	3.7	7.0	-.2	.6	-.19
Max	12.7	8.5	11.0	13.2	9.1	13.7	3.2	4.5	.09
Hr. of Max	13	13	13	13	13	13	22	01	22
Min	3.6	1.1	2.5	3.9	1.6	4.3	-4.7	-2.3	-.73
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/6/2014

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	6.9	11.9	13.5	7.6	12.7	14.5	11.2
01:00	.33	4.8	6.9	7.8	5.1	8.5	17.9	8.8
02:00	-.09	6.2	8.5	10.3	7.6	10.8	16.1	12.6
03:00	.12	7.1	10.1	11.2	8.5	12.3	14.1	8.8
04:00	.05	5.7	6.9	7.8	4.7	8.3	12.2	5.9
05:00	.17	4.8	7.1	8.2	5.4	8.9	10.7	6.6
06:00	.20	4.6	6.0	7.6	5.7	9.0	10.3	6.6
07:00	.11	6.6	8.9	10.8	6.1	9.1	12.8	6.7
08:00	.07	8.0	10.1	11.2	10.1	12.2	14.0	7.3
09:00	.07	4.6	5.7	7.3	5.1	52.2	10.0	5.6
10:00	.07	7.6	8.9	11.0	8.1	11.5	13.2	7.7
11:00	.07	17.9	22.2	20.6	22.9	24.9	14.7	8.6
12:00	-.02	14.4	24.5	25.0	14.6	19.9	16.1	9.6
13:00	-.82	21.8	22.9	26.3	24.4	28.5	17.0	13.2
14:00	-.64	16.5	18.1	20.8	16.4	22.8	21.5	21.0
15:00	-.44	17.2	22.4	21.1	18.4	22.0	23.8	17.7
16:00	-.41	12.1	14.0	14.9	13.7	15.3	21.3	13.3
17:00	-.41	8.9	12.4	14.4	10.4	15.4	18.3	10.4
18:00	-.28	13.3	18.1	17.4	15.1	19.0	20.9	14.8
19:00	.07	10.8	14.2	17.6	12.8	20.9	21.3	13.0
20:00	-.13	10.8	13.7	13.7	12.8	15.6	23.2	9.8
21:00	-.21	10.8	14.9	15.8	17.1	16.6	19.6	11.5
22:00	.32	7.8	9.4	10.5	8.3	11.6	21.2	11.5
23:00	-.06	12.6	13.7	14.4	12.4	13.9	18.9	8.9
Avg	-.08	10.1	13.0	14.1	11.4	16.7	16.8	10.5
Max	.33	21.8	24.5	26.3	24.4	52.2	23.8	21.0
Hr. of Max	01	13	12	13	13	09	15	14
Min	-.82	4.6	5.7	7.3	4.7	8.3	10.0	5.6
Count	24	24	24	24	24	24	24	24
Total								