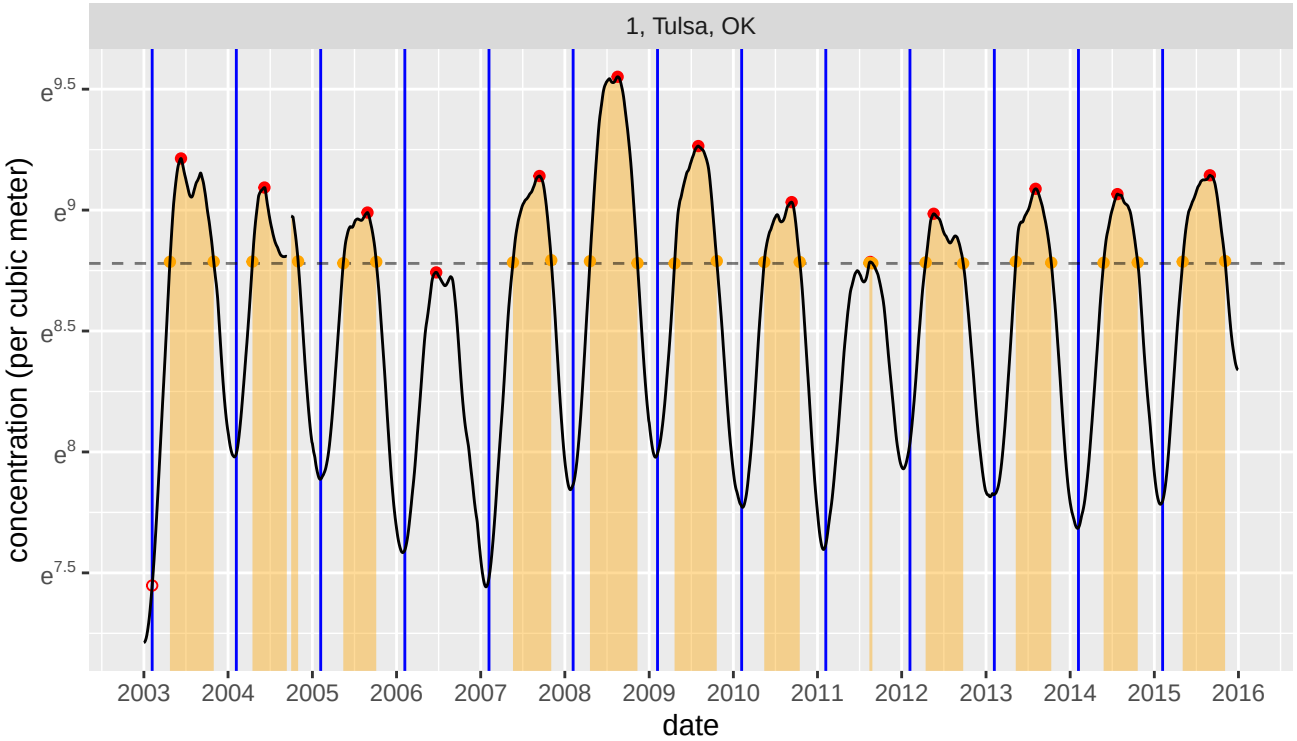
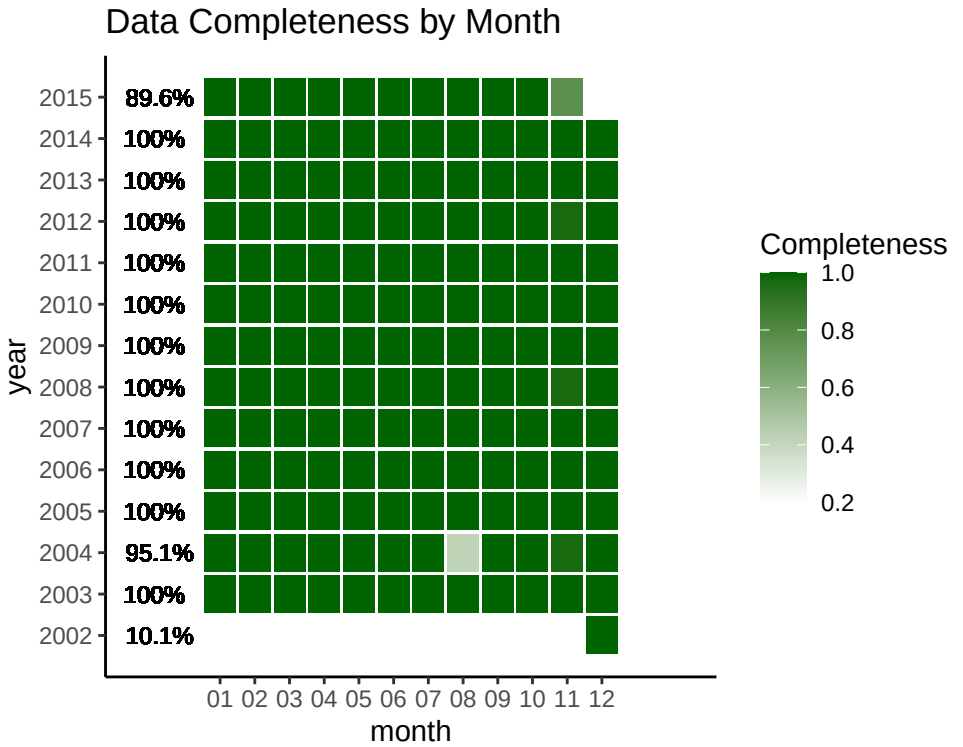
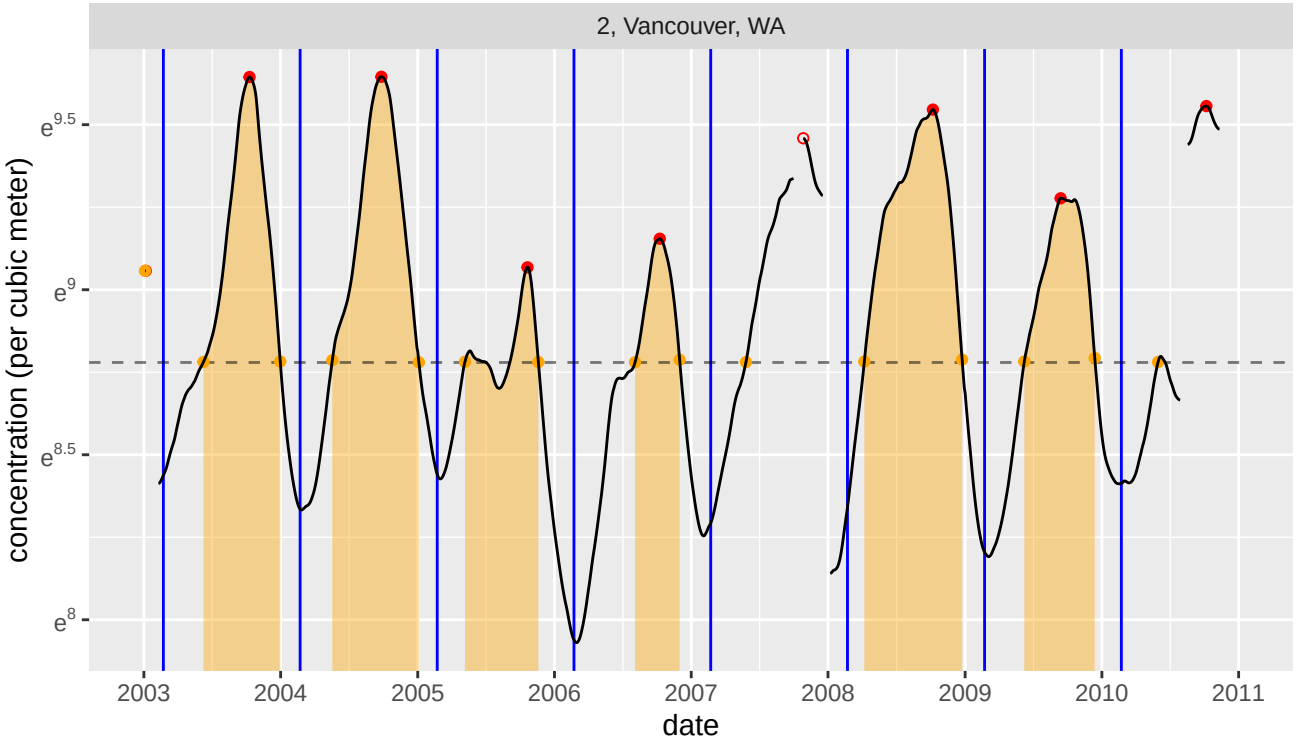
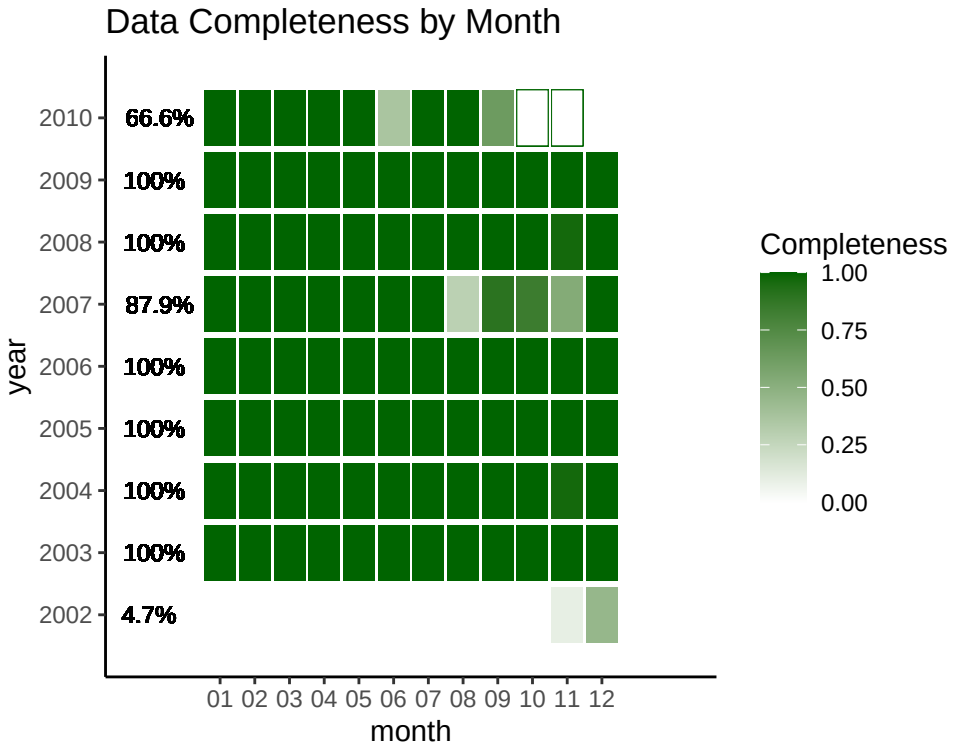
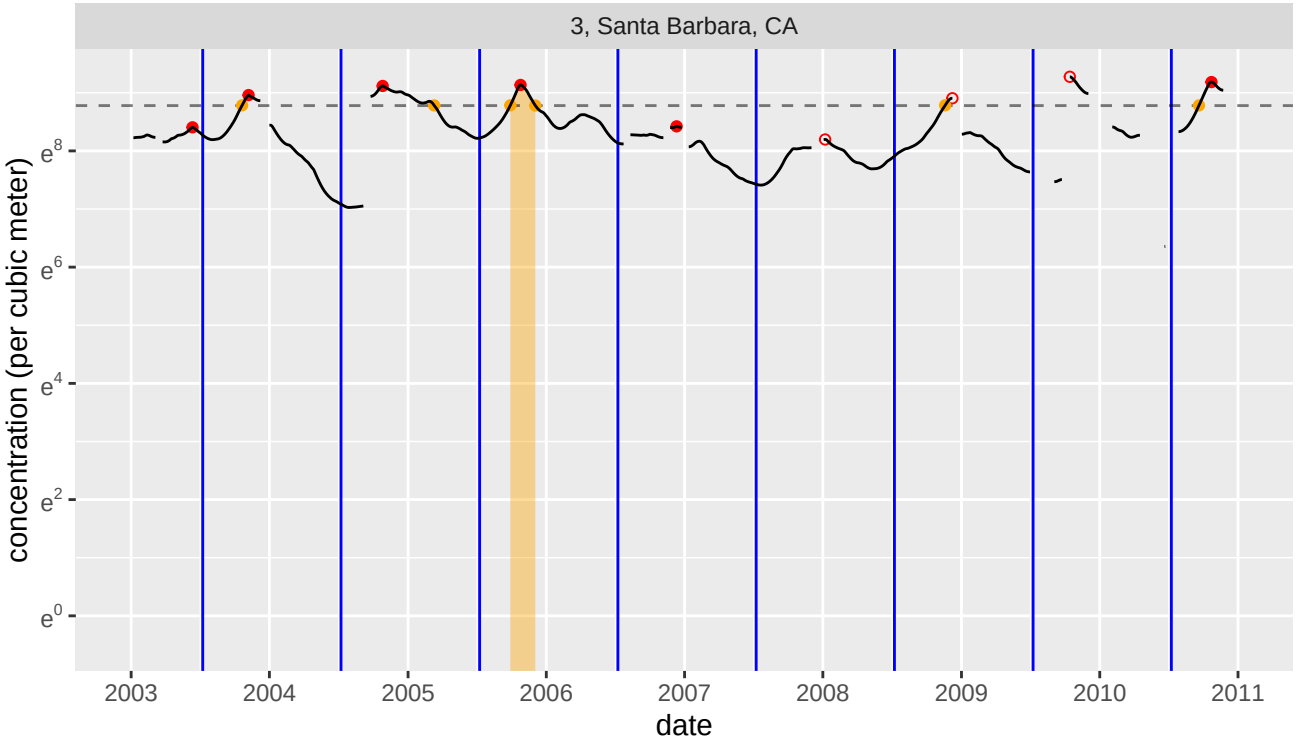
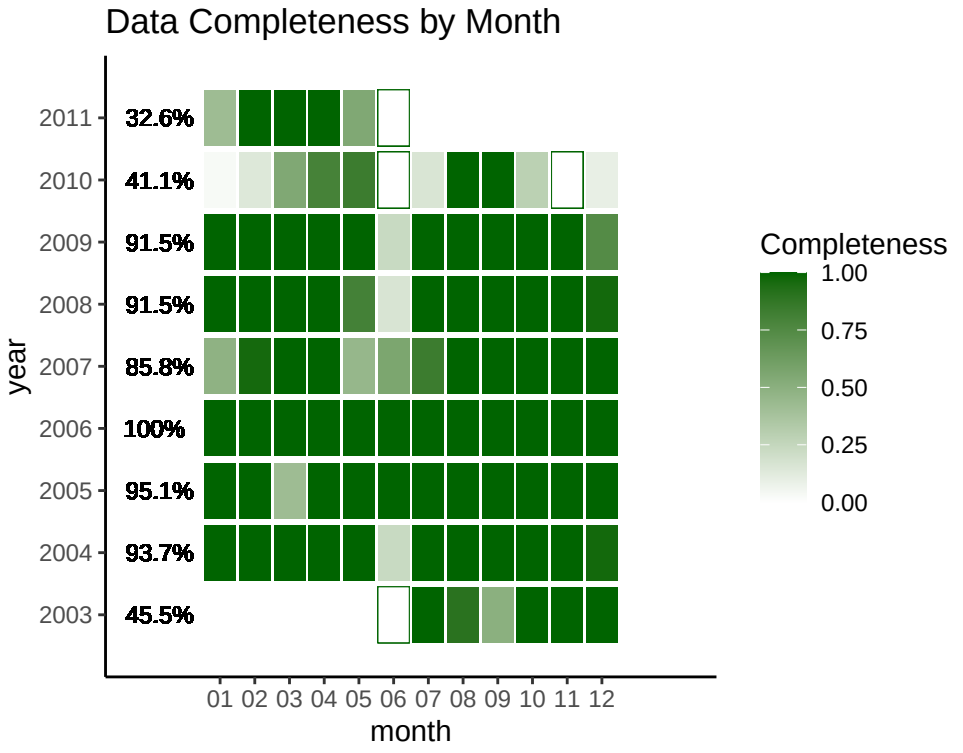

1, Tulsa, OK
concentration (per cubic meter)
e^9.5
e^9
e^8.5
e^8
e^7.5
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
date

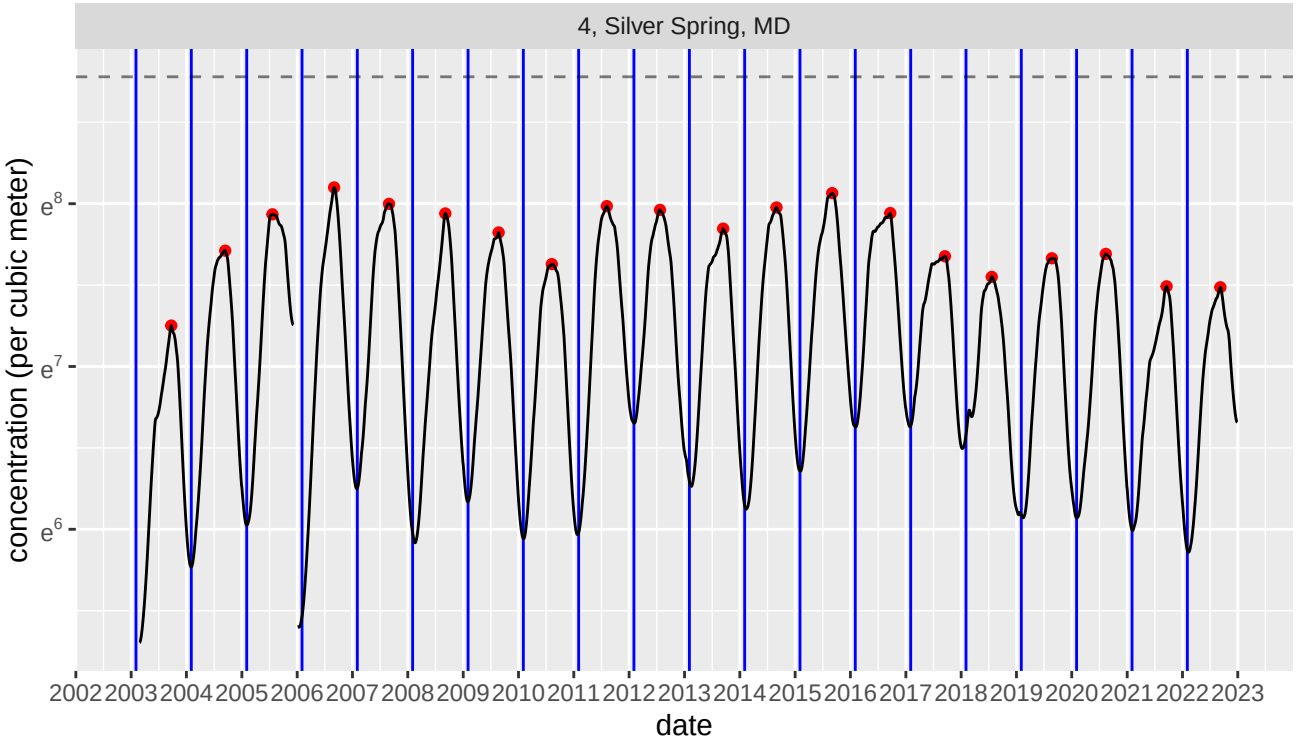

Data Completeness by Month
year
2015
2014
2013
2012
2011
2010
2009
2008
2007
2006
2005
2004
2003
2002
89.6%
100%
100%
100%
100%
100%
100%
100%
100%
100%
100%
95.1%
100%
10.1%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.0
0.8
0.6
0.4
0.2

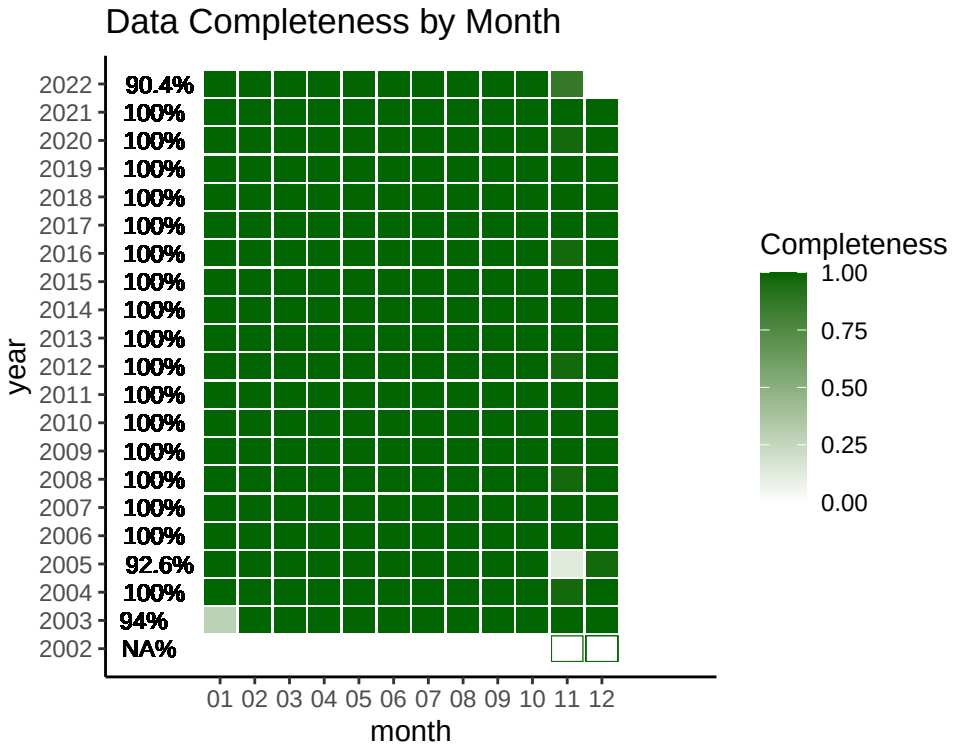

2, Vancouver, WA
concentration (per cubic meter)
e^9.5
e^9
e^8.5
e^8
2003
2004
2005
2006
2007
2008
2009
2010
2011
date

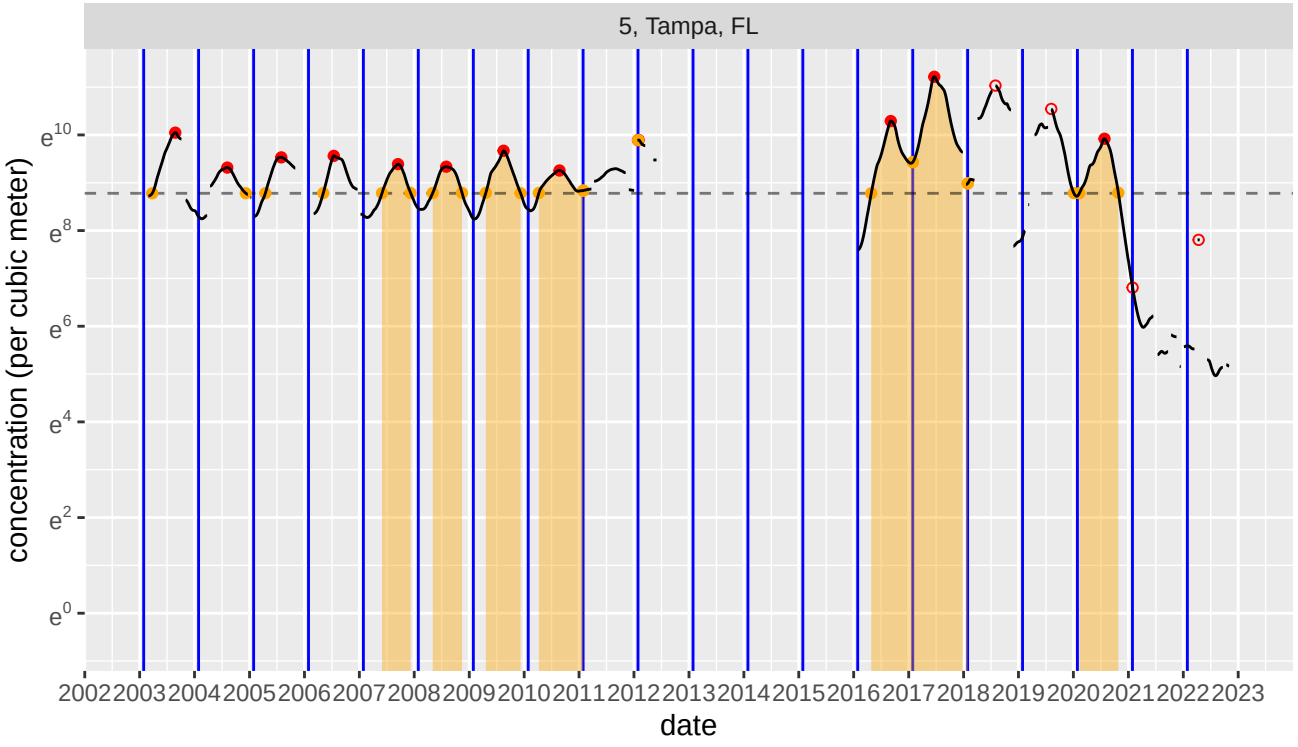

Data Completeness by Month
year
2010
2009
2008
2007
2006
2005
2004
2003
2002
66.6%
100%
100%
87.9%
100%
100%
100%
100%
4.7%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

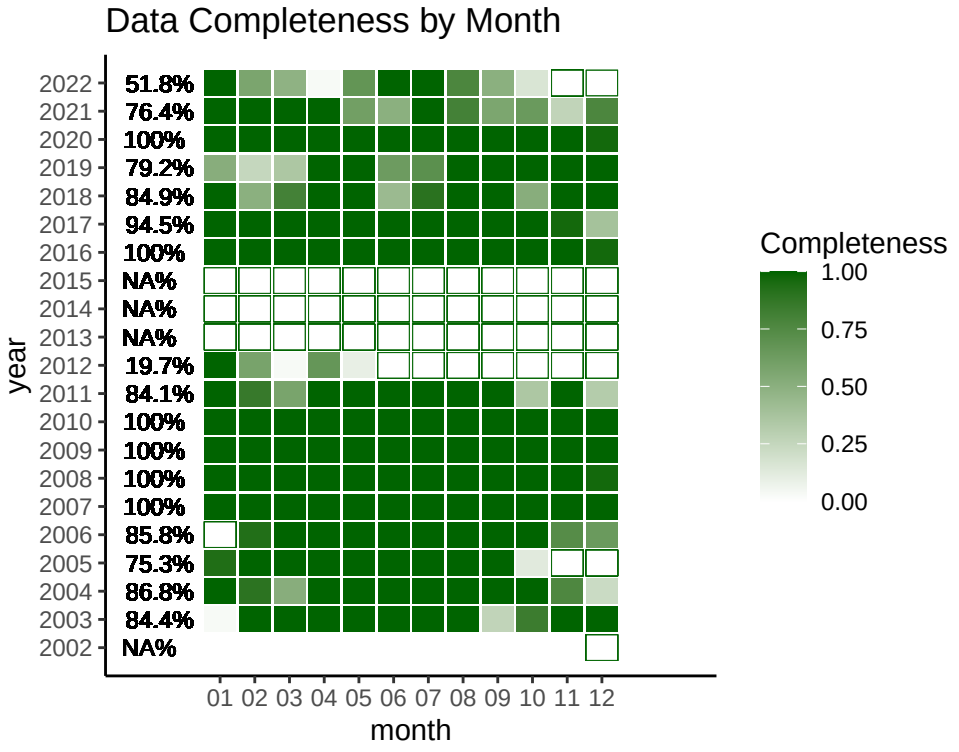

3, Santa Barbara, CA
concentration (per cubic meter)
e8
e6
e4
e2
e0
2003
2004
2005
2006
2007
2008
2009
2010
2011
date

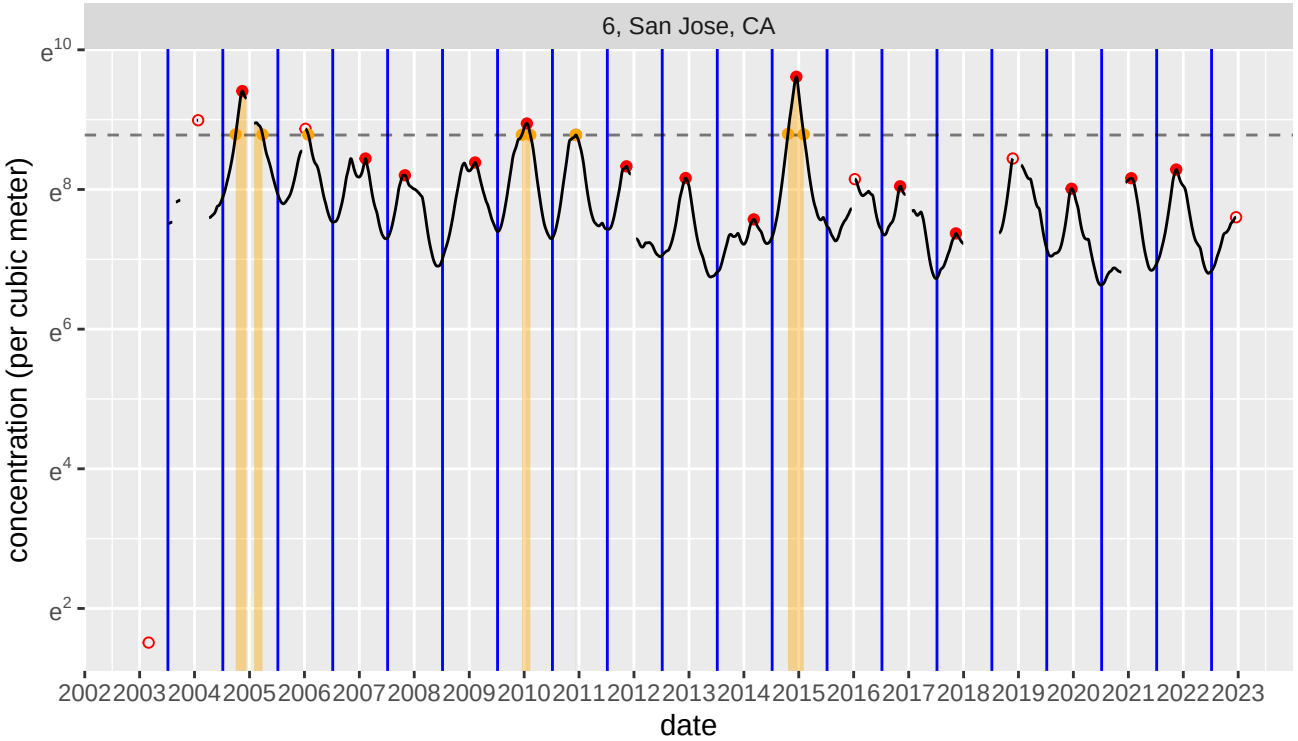

Data Completeness by Month
year
2011
2010
2009
2008
2007
2006
2005
2004
2003
32.6%
41.1%
91.5%
91.5%
85.8%
100%
95.1%
93.7%
45.5%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

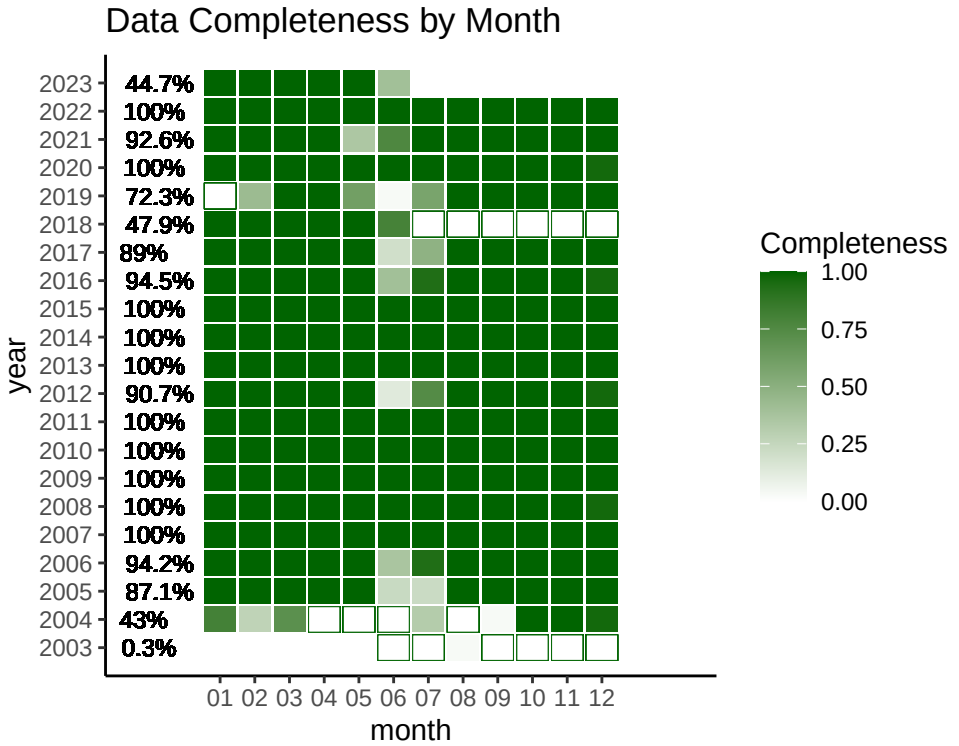

4, Silver Spring, MD
concentration (per cubic meter)
e8
e7
e6
2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

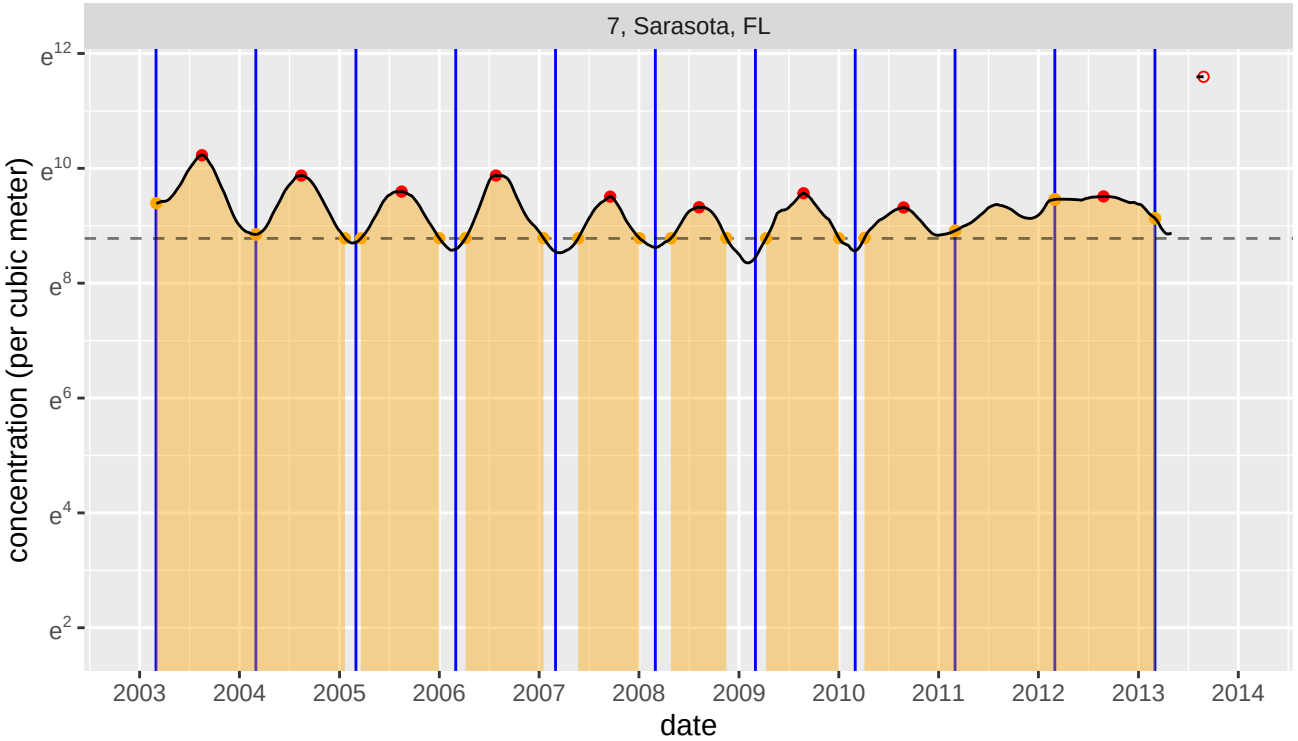

Data Completeness by Month
year
2022 90.4%
2021 100%
2020 100%
2019 100%
2018 100%
2017 100%
2016 100%
2015 100%
2014 100%
2013 100%
2012 100%
2011 100%
2010 100%
2009 100%
2008 100%
2007 100%
2006 100%
2005 92.6%
2004 100%
2003 94%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

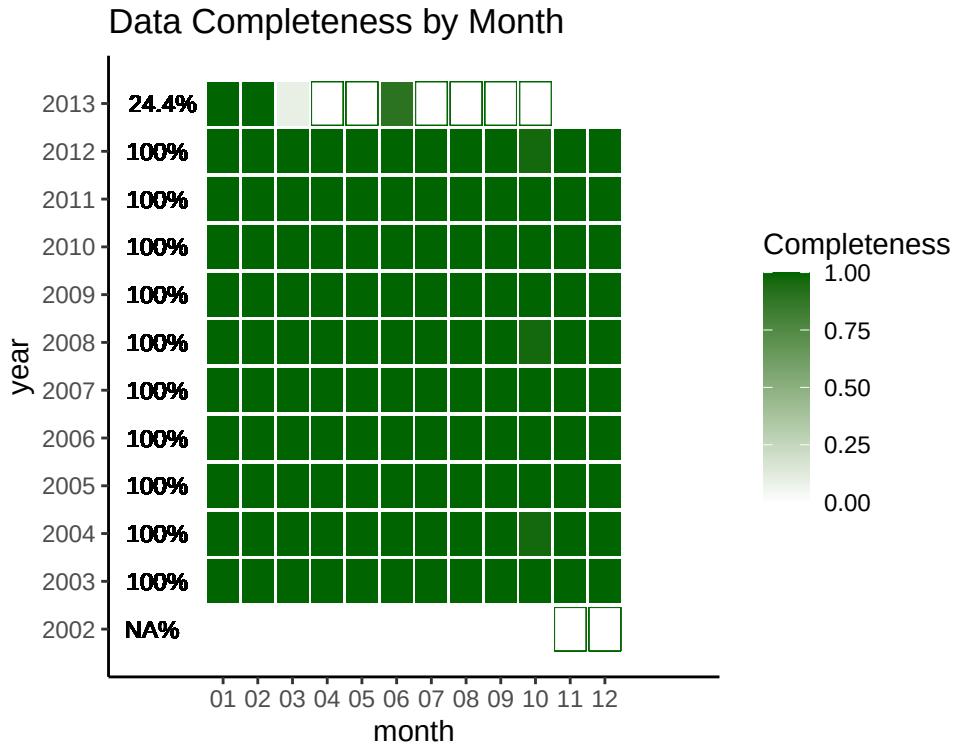

5, Tampa, FL
concentration (per cubic meter)
e^{10}
e^{8}
e^{6}
e^{4}
e^{2}
e^{0}
2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

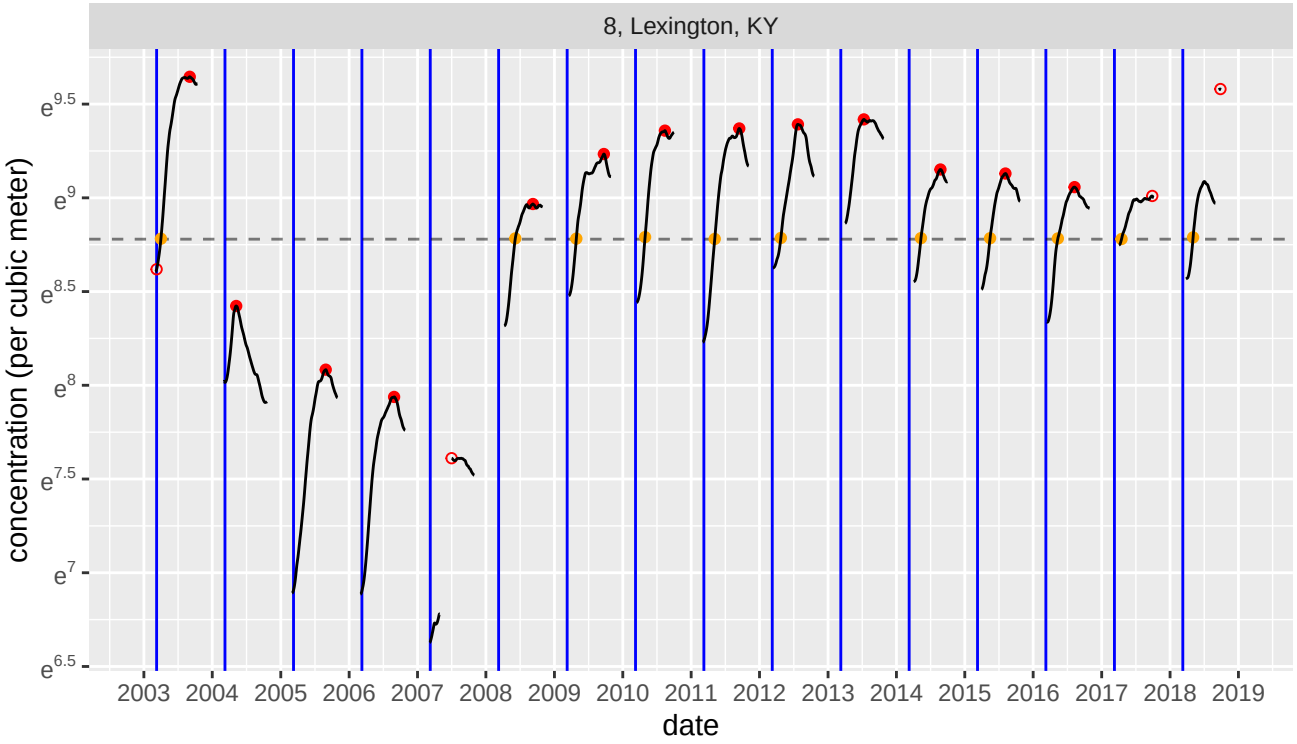

Data Completeness by Month
2022 51.8%
2021 76.4%
2020 100%
2019 79.2%
2018 84.9%
2017 94.5%
2016 100%
2015 NA%
2014 NA%
2013 NA%
2012 19.7%
2011 84.1%
2010 100%
2009 100%
2008 100%
2007 100%
2006 85.8%
2005 75.3%
2004 86.8%
2003 84.4%
2002 NA%
year
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

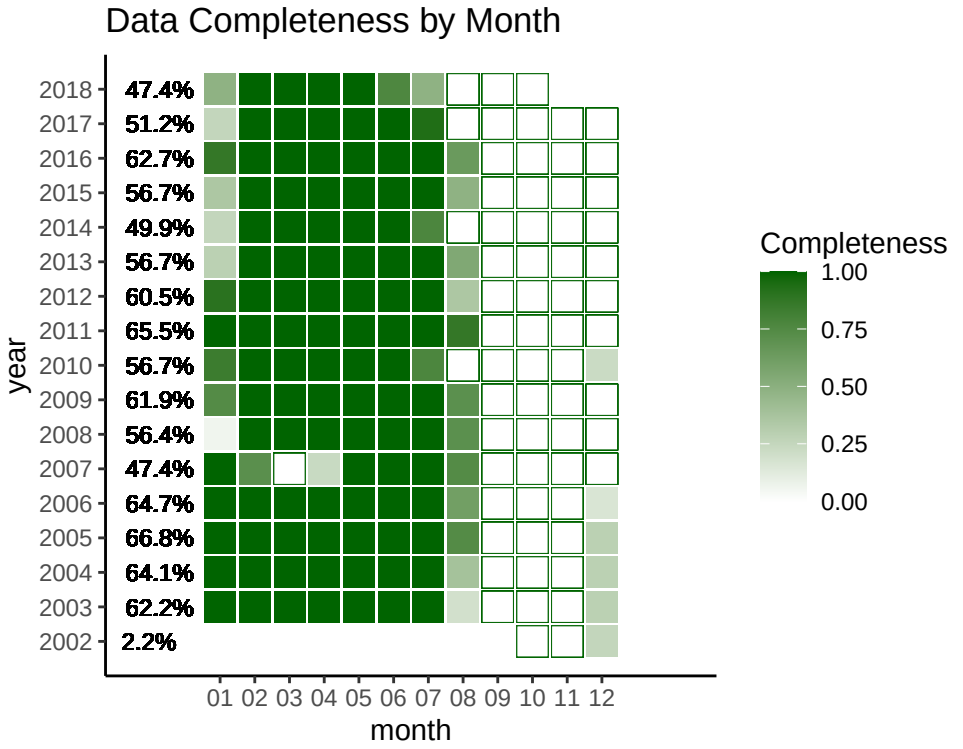

6, San Jose, CA
concentration (per cubic meter)
e10
e8
e6
e4
e2
2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

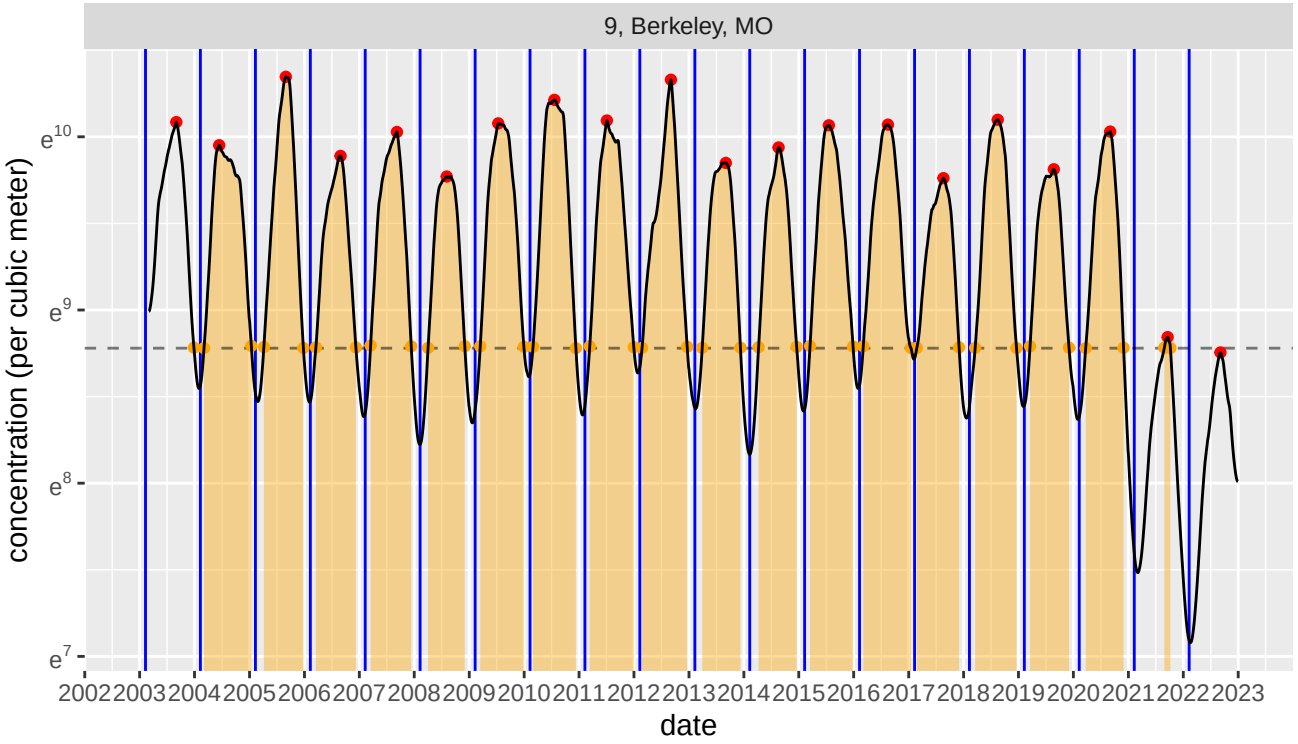

Data Completeness by Month
year
2023 44.7%
2022 100%
2021 92.6%
2020 100%
2019 72.3%
2018 47.9%
2017 89%
2016 94.5%
2015 100%
2014 100%
2013 100%
2012 90.7%
2011 100%
2010 100%
2009 100%
2008 100%
2007 100%
2006 94.2%
2005 87.1%
2004 43%
2003 0.3%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

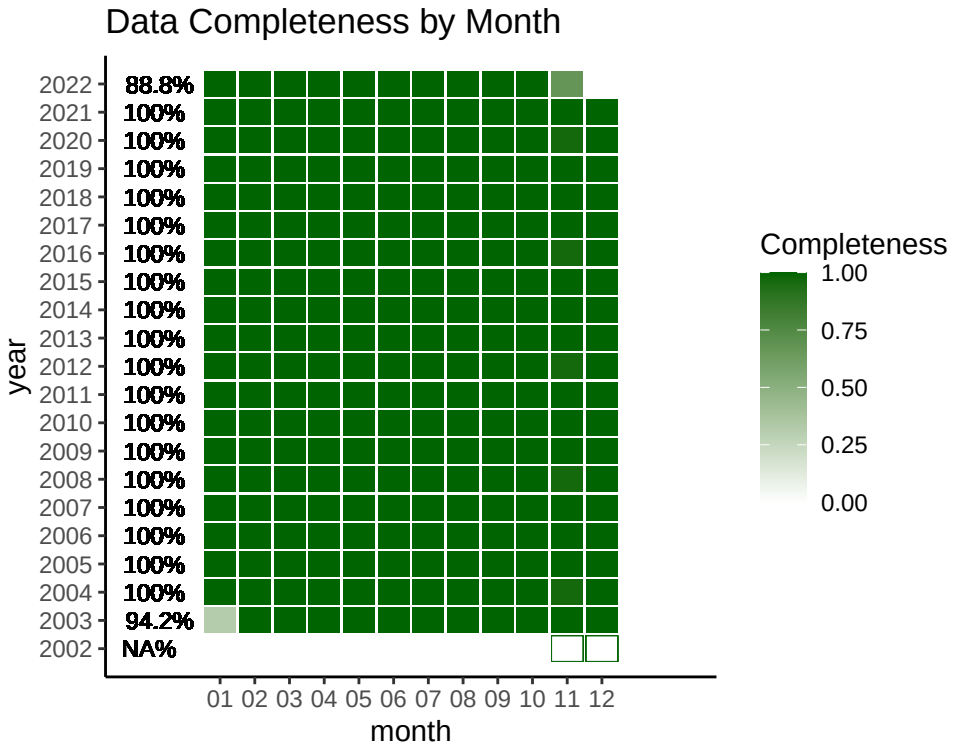

7, Sarasota, FL
concentration (per cubic meter)
e12
e10
e8
e6
e4
e2
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
date

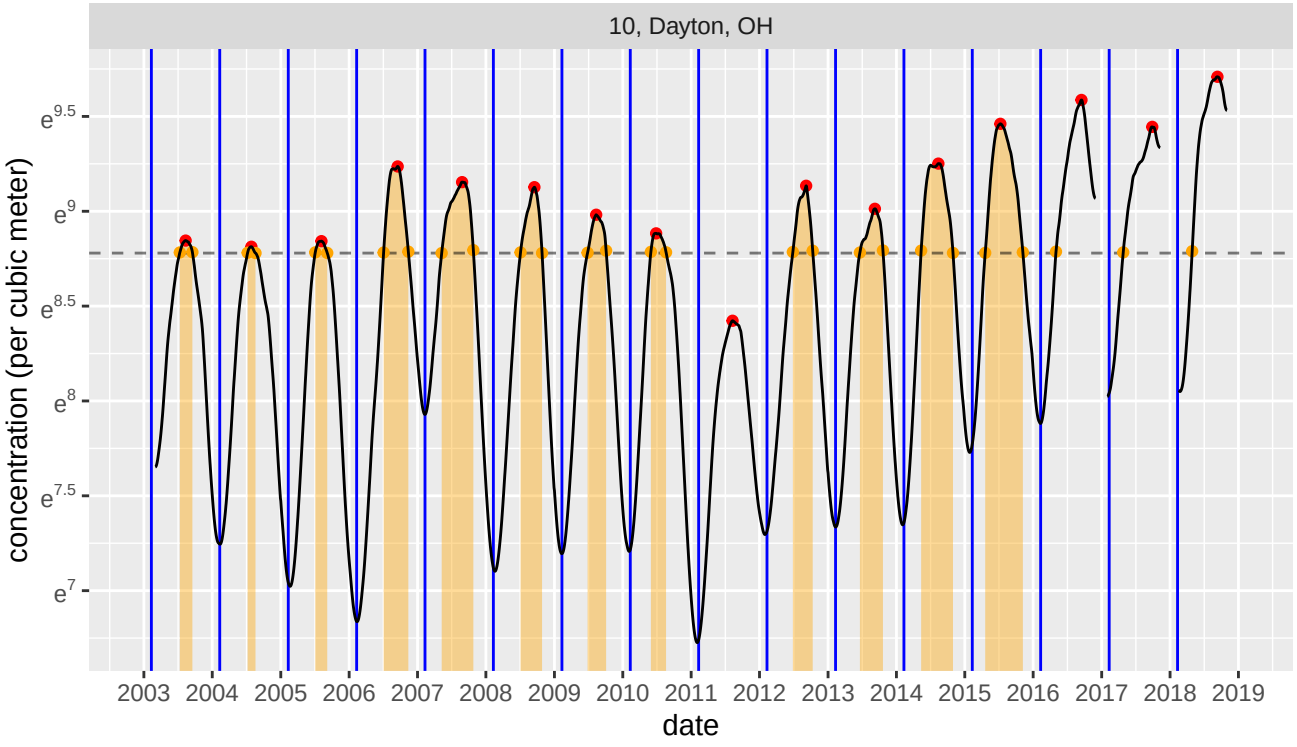

Data Completeness by Month
year
2013
2012
2011
2010
2009
2008
2007
2006
2005
2004
2003
2002
24.4%
100%
100%
100%
100%
100%
100%
100%
100%
100%
100%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

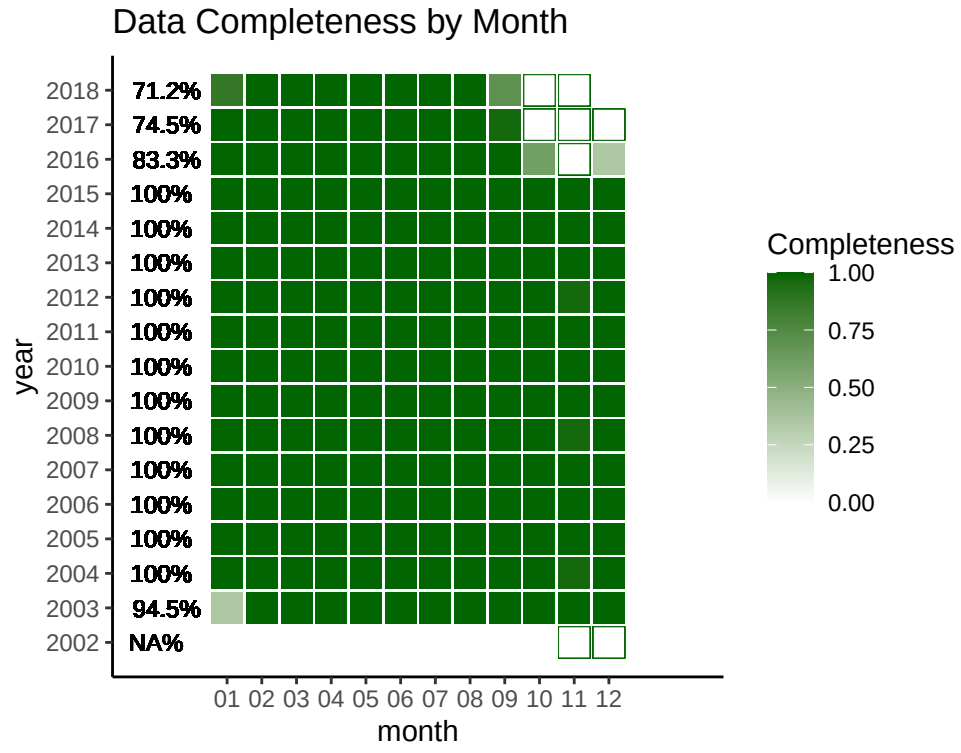

8, Lexington, KY
concentration (per cubic meter)
e^9.5
e^9
e^8.5
e^8
e^7.5
e^7
e^6.5
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
date

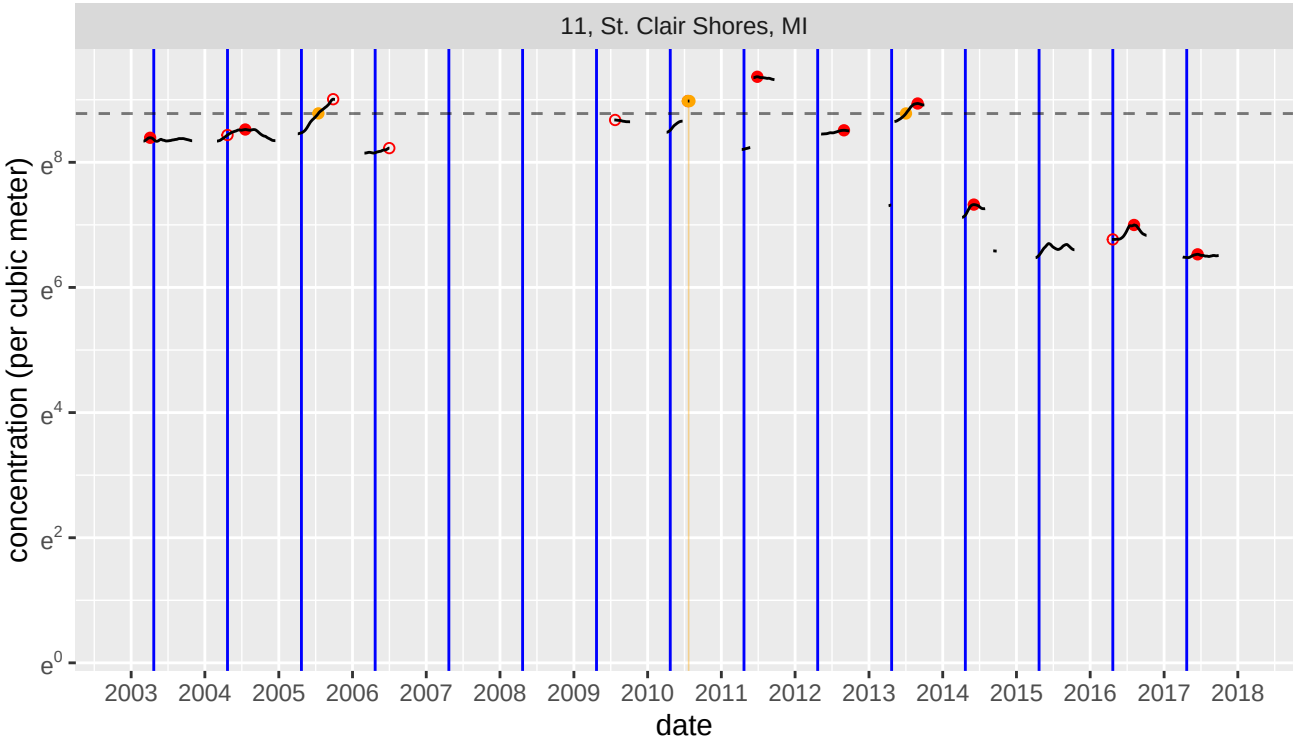

Data Completeness by Month
year
2018 47.4%
2017 51.2%
2016 62.7%
2015 56.7%
2014 49.9%
2013 56.7%
2012 60.5%
2011 65.5%
2010 56.7%
2009 61.9%
2008 56.4%
2007 47.4%
2006 64.7%
2005 66.8%
2004 64.1%
2003 62.2%
2002 2.2%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

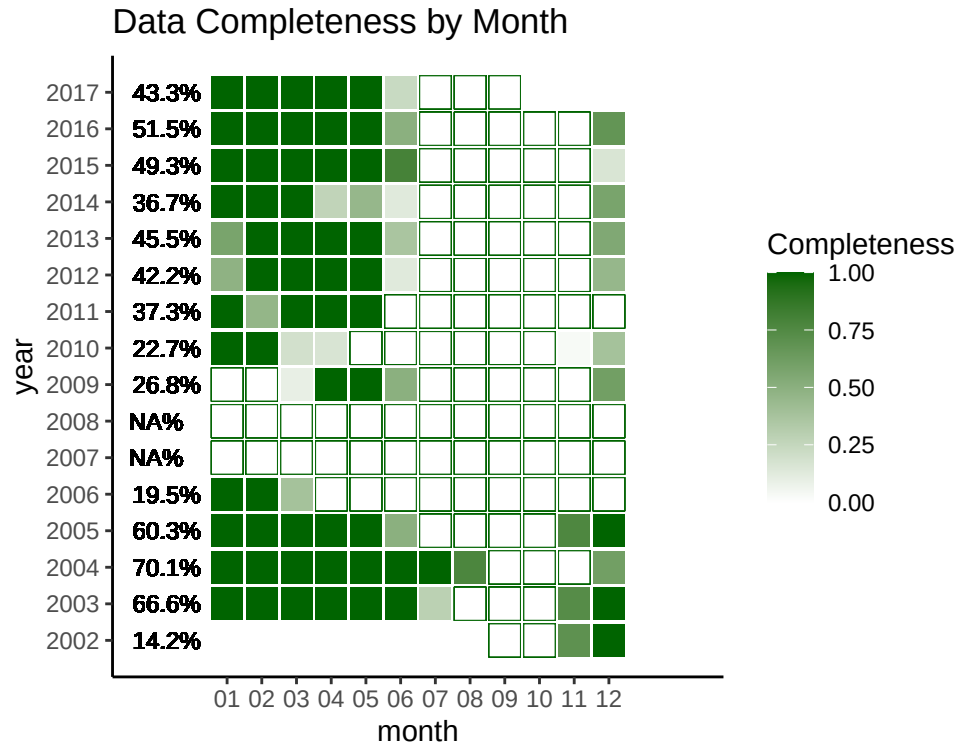

9, Berkeley, MO
concentration (per cubic meter)
e10
e9
e8
e7
2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

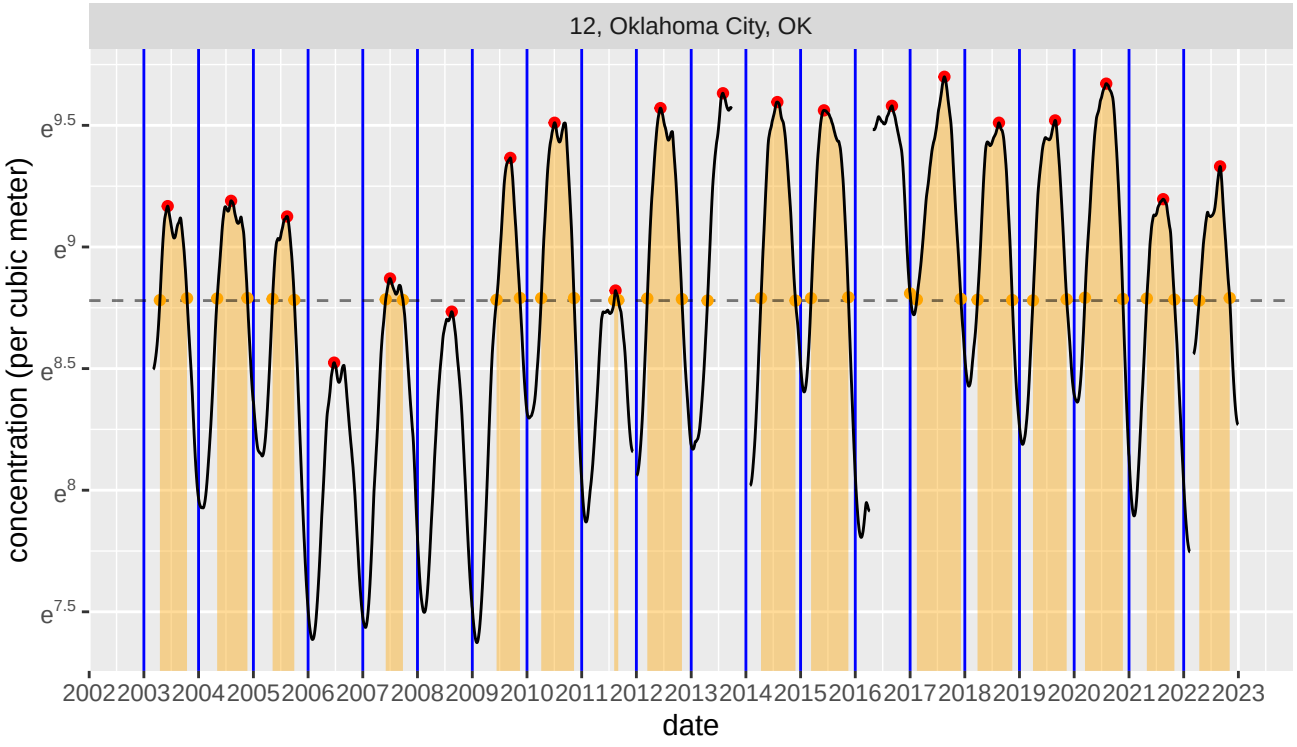

Data Completeness by Month
year
2022 88.8%
2021 100%
2020 100%
2019 100%
2018 100%
2017 100%
2016 100%
2015 100%
2014 100%
2013 100%
2012 100%
2011 100%
2010 100%
2009 100%
2008 100%
2007 100%
2006 100%
2005 100%
2004 100%
2003 94.2%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

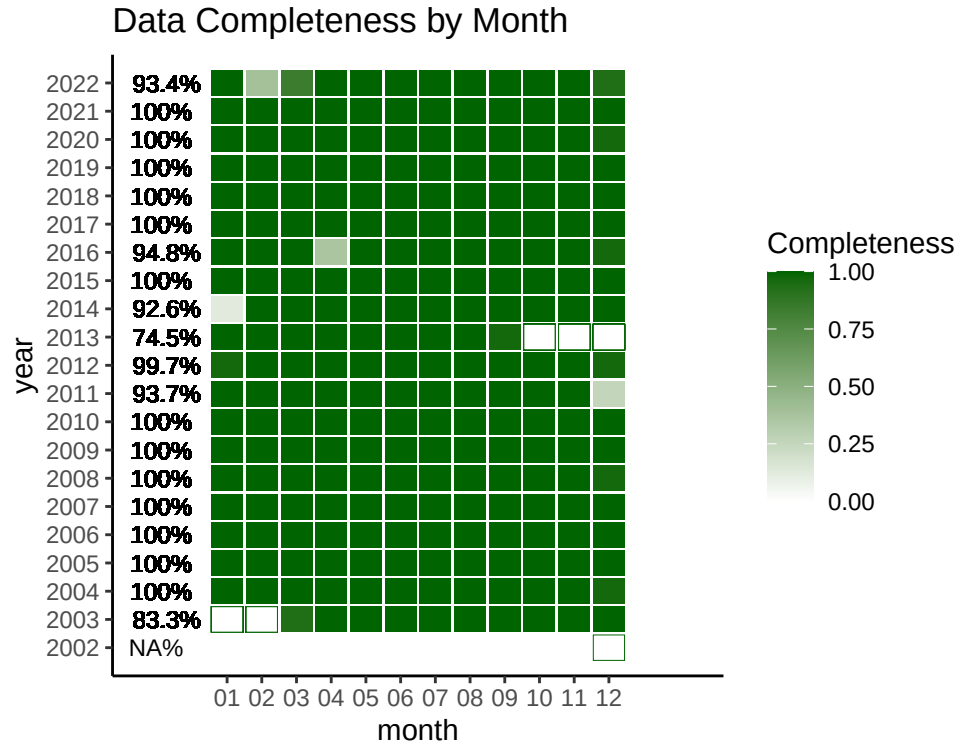

10, Dayton, OH
concentration (per cubic meter)
e^9.5
e^9
e^8.5
e^8
e^7.5
e^7
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
date

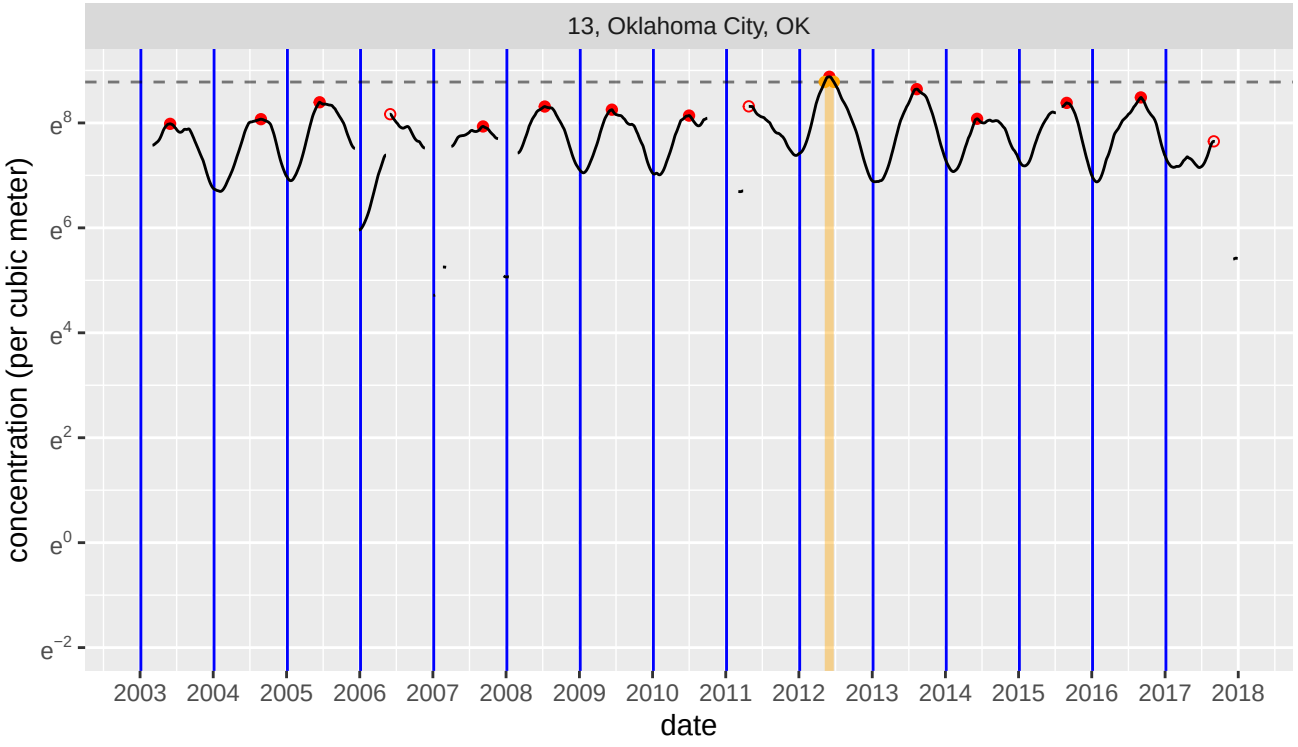

Data Completeness by Month
year
2018 71.2%
2017 74.5%
2016 83.3%
2015 100%
2014 100%
2013 100%
2012 100%
2011 100%
2010 100%
2009 100%
2008 100%
2007 100%
2006 100%
2005 100%
2004 100%
2003 94.5%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

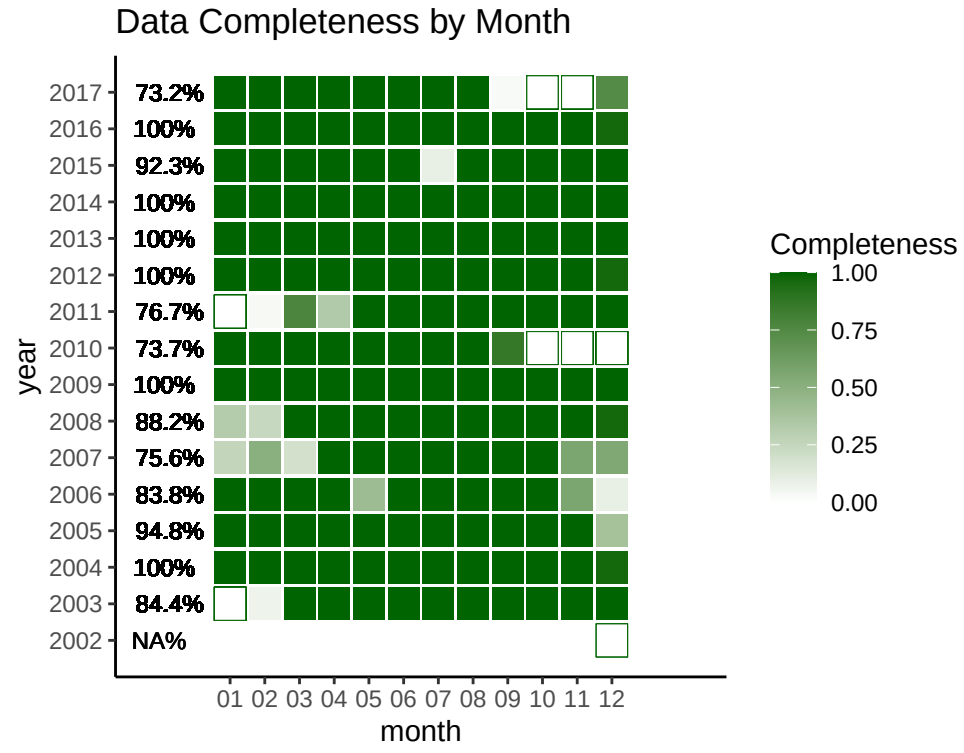

11, St. Clair Shores, MI
concentration (per cubic meter)
e8
e6
e4
e2
e0
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018
date

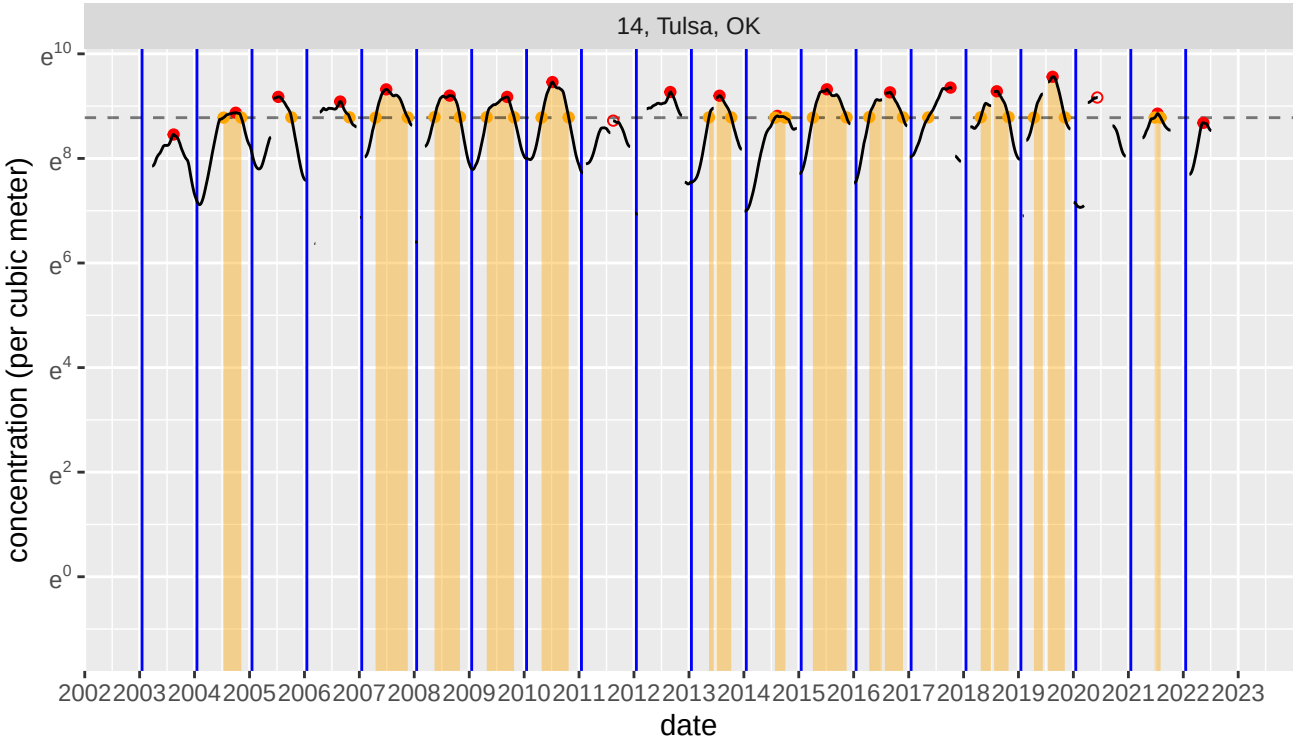

Data Completeness by Month
year
2017 43.3%
2016 51.5%
2015 49.3%
2014 36.7%
2013 45.5%
2012 42.2%
2011 37.3%
2010 22.7%
2009 26.8%
2008 NA%
2007 NA%
2006 19.5%
2005 60.3%
2004 70.1%
2003 66.6%
2002 14.2%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

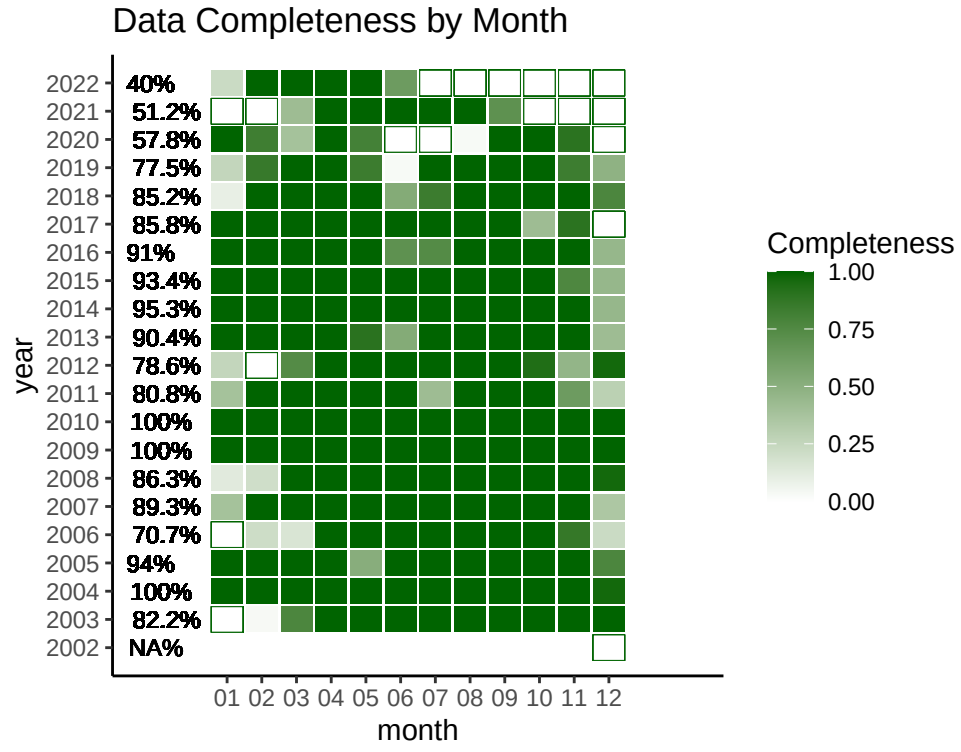

12, Oklahoma City, OK
concentration (per cubic meter)
e^9.5
e^9
e^8.5
e^8
e^7.5
2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

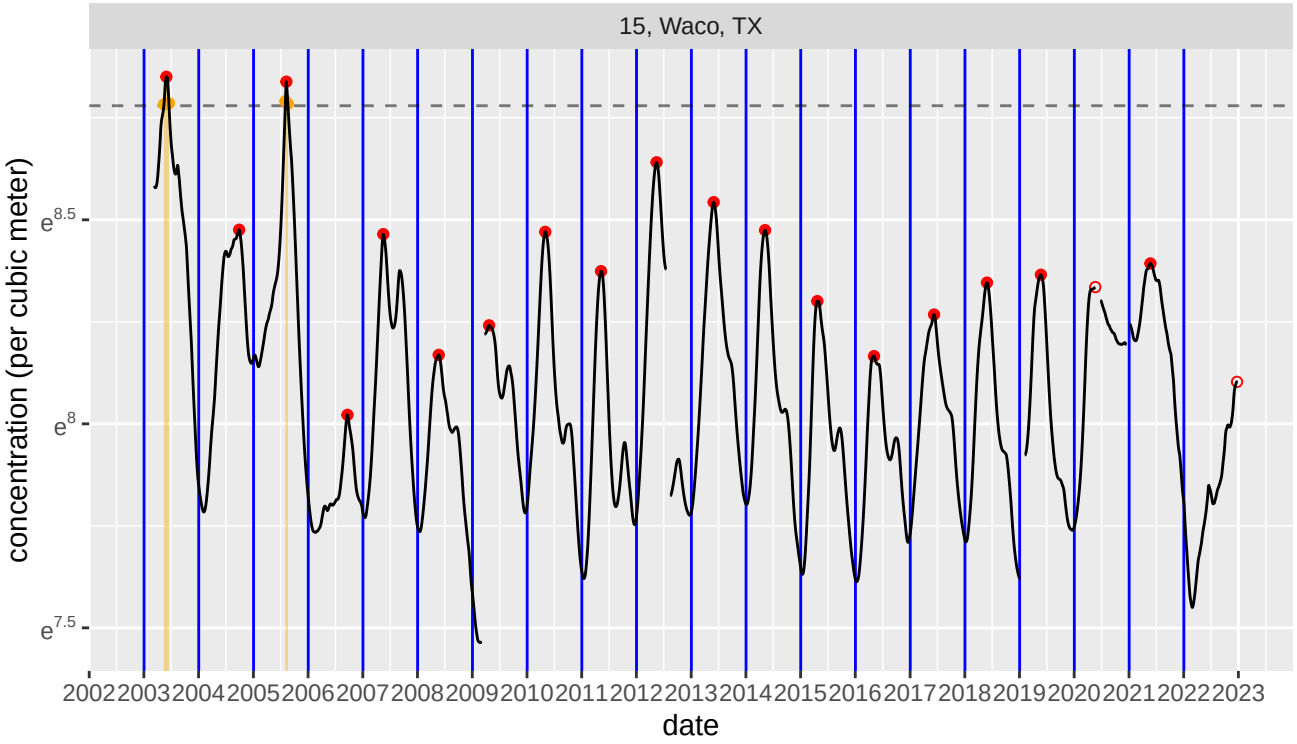

Data Completeness by Month
2022 93.4%
2021 100%
2020 100%
2019 100%
2018 100%
2017 100%
2016 94.8%
2015 100%
2014 92.6%
2013 74.5%
2012 99.7%
2011 93.7%
2010 100%
2009 100%
2008 100%
2007 100%
2006 100%
2005 100%
2004 100%
2003 83.3%
2002 NA%
year
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

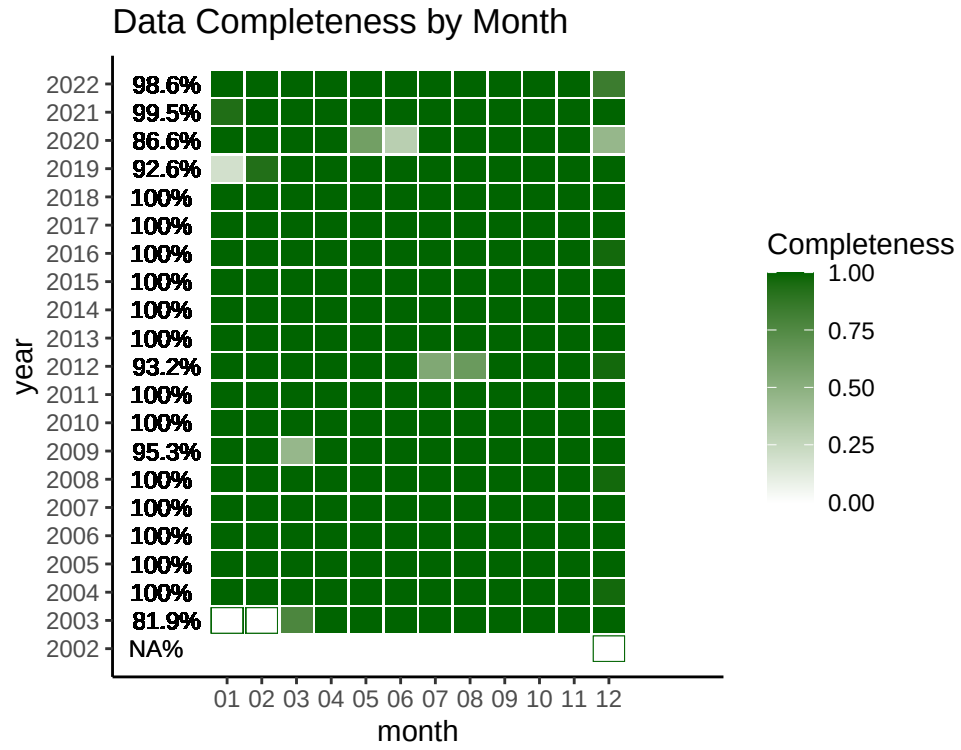

13, Oklahoma City, OK
concentration (per cubic meter)
e^{8}
e^{6}
e^{4}
e^{2}
e^{0}
e^{-2}
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018
date

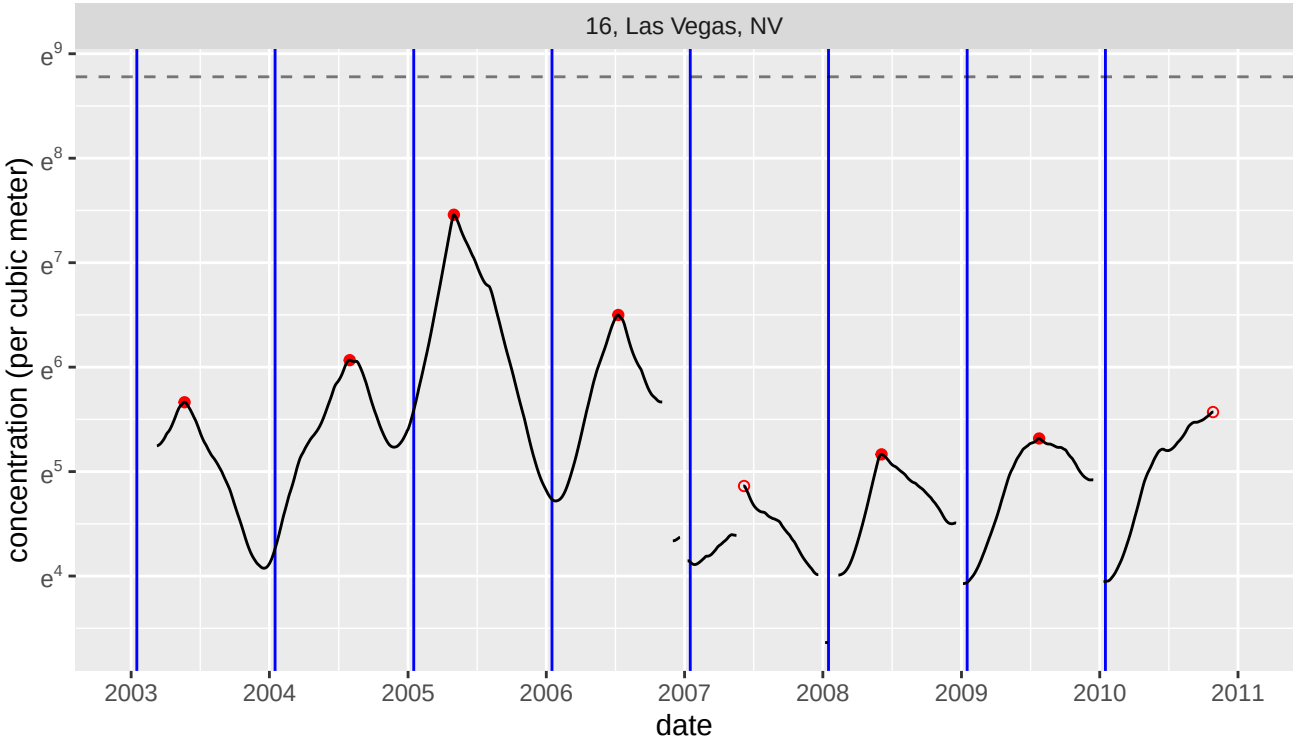

Data Completeness by Month
year
2017 73.2%
2016 100%
2015 92.3%
2014 100%
2013 100%
2012 100%
2011 76.7%
2010 73.7%
2009 100%
2008 88.2%
2007 75.6%
2006 83.8%
2005 94.8%
2004 100%
2003 84.4%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

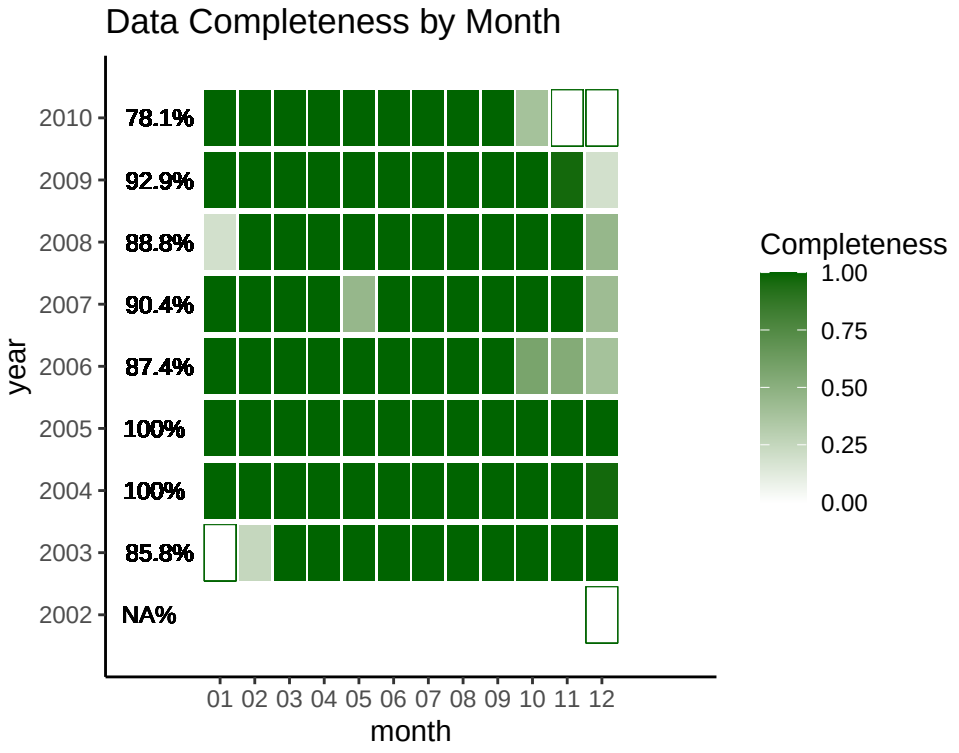

14, Tulsa, OK
concentration (per cubic meter)
e10
e8
e6
e4
e2
e0
2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

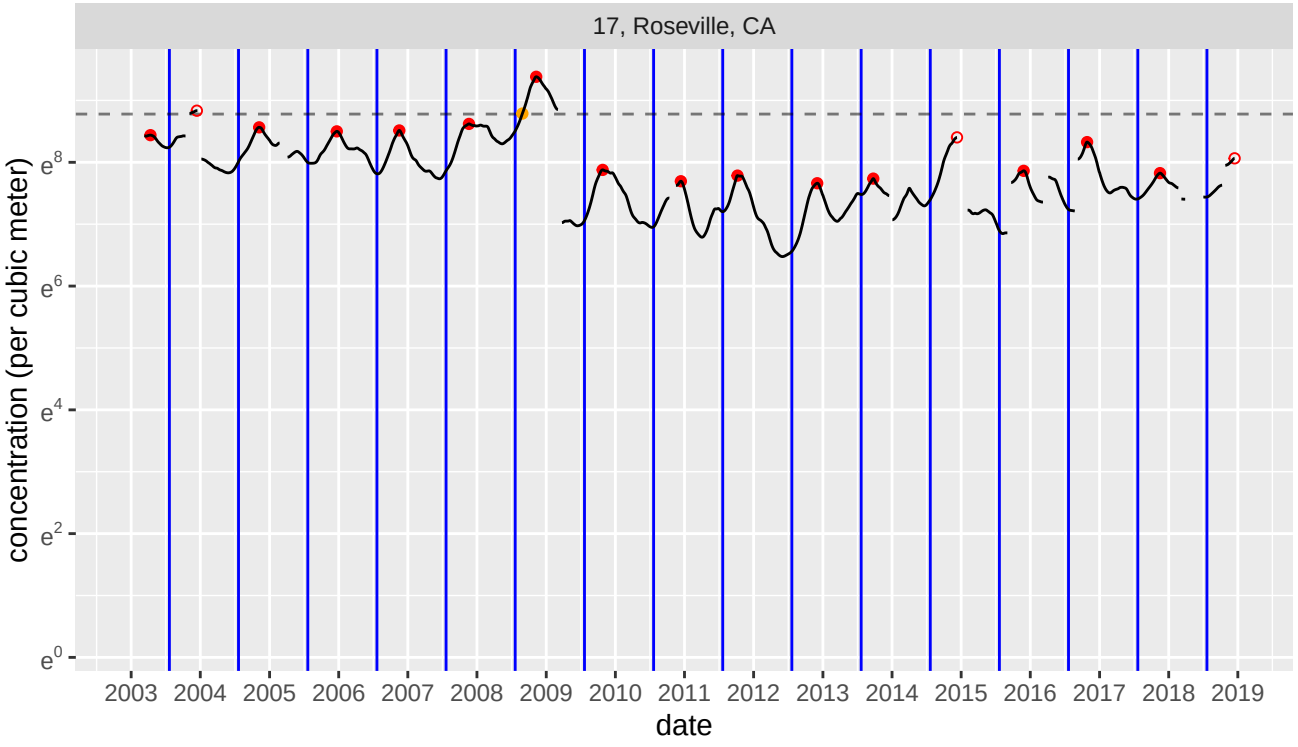

Data Completeness by Month
year
2022 40%
2021 51.2%
2020 57.8%
2019 77.5%
2018 85.2%
2017 85.8%
2016 91%
2015 93.4%
2014 95.3%
2013 90.4%
2012 78.6%
2011 80.8%
2010 100%
2009 100%
2008 86.3%
2007 89.3%
2006 70.7%
2005 94%
2004 100%
2003 82.2%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

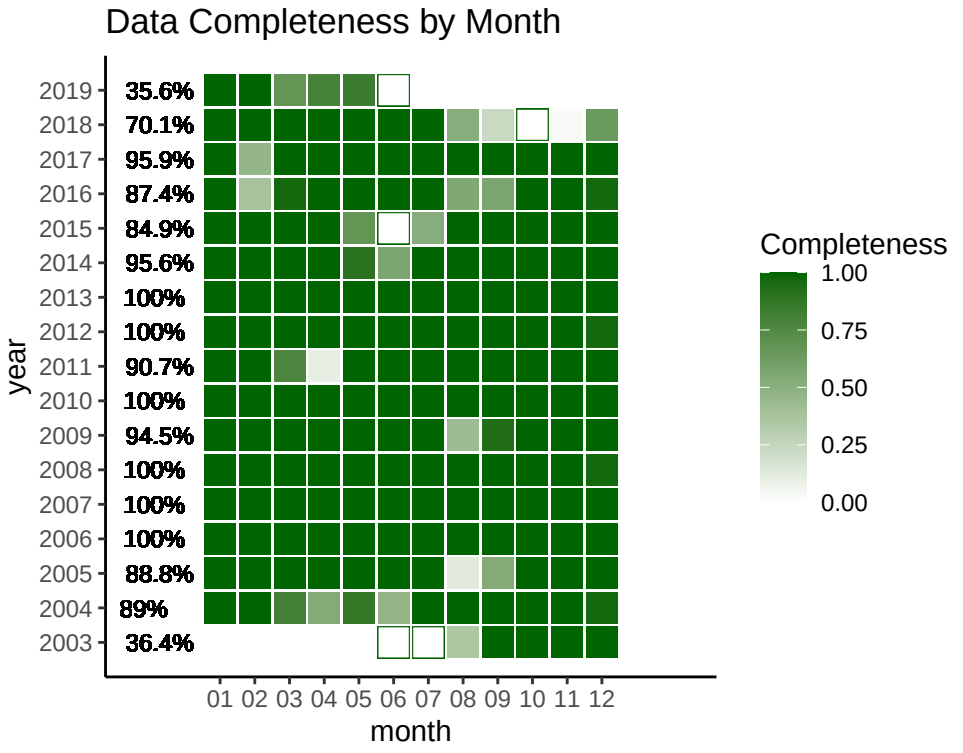

15, Waco, TX
concentration (per cubic meter)
e^8.5
e^8
e^7.5
2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

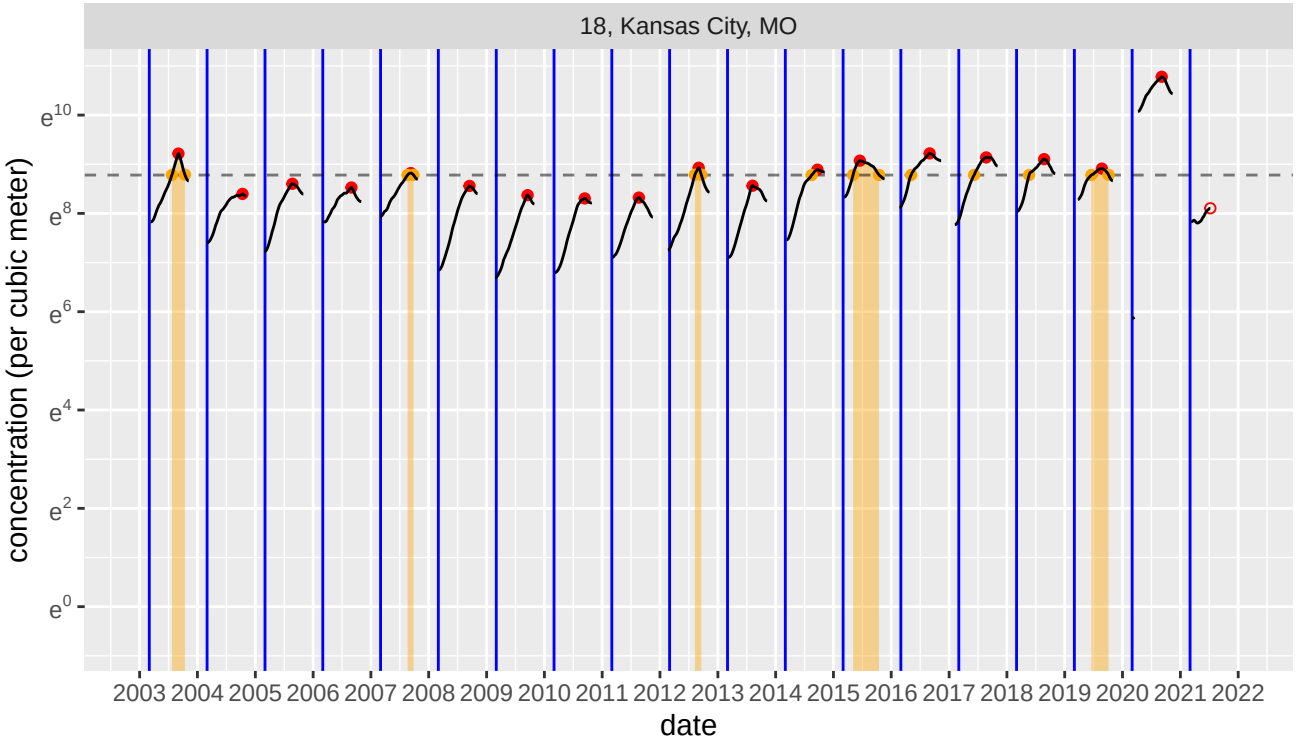

Data Completeness by Month
year
2022 98.6%
2021 99.5%
2020 86.6%
2019 92.6%
2018 100%
2017 100%
2016 100%
2015 100%
2014 100%
2013 100%
2012 93.2%
2011 100%
2010 100%
2009 95.3%
2008 100%
2007 100%
2006 100%
2005 100%
2004 100%
2003 81.9%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

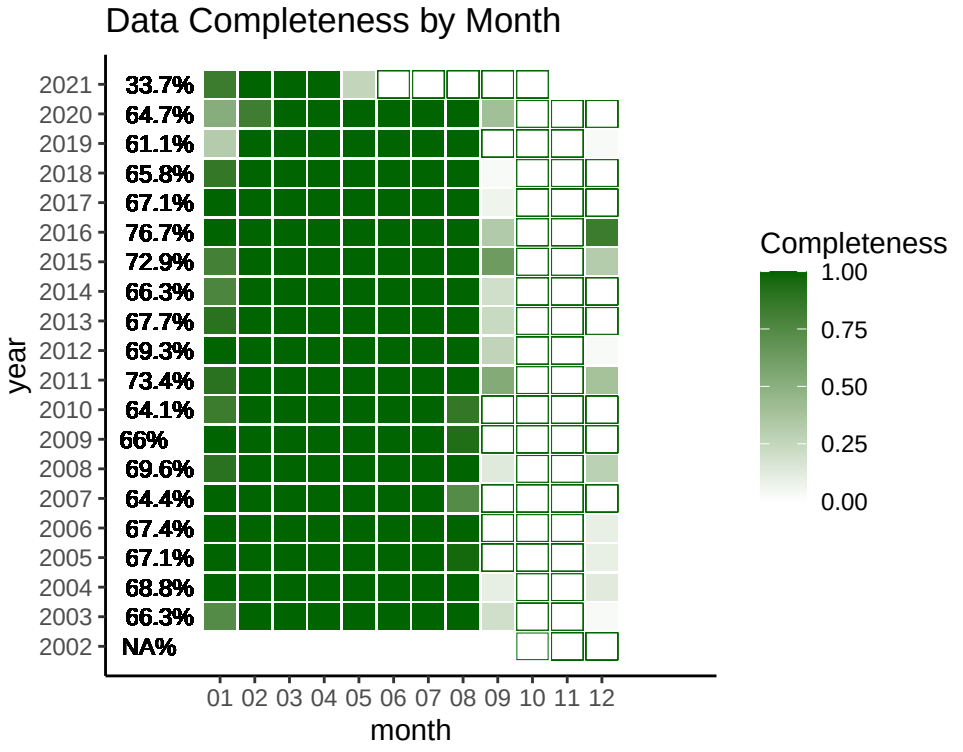

16, Las Vegas, NV
concentration (per cubic meter)
e9
e8
e7
e6
e5
e4
2003
2004
2005
2006
2007
2008
2009
2010
2011
date

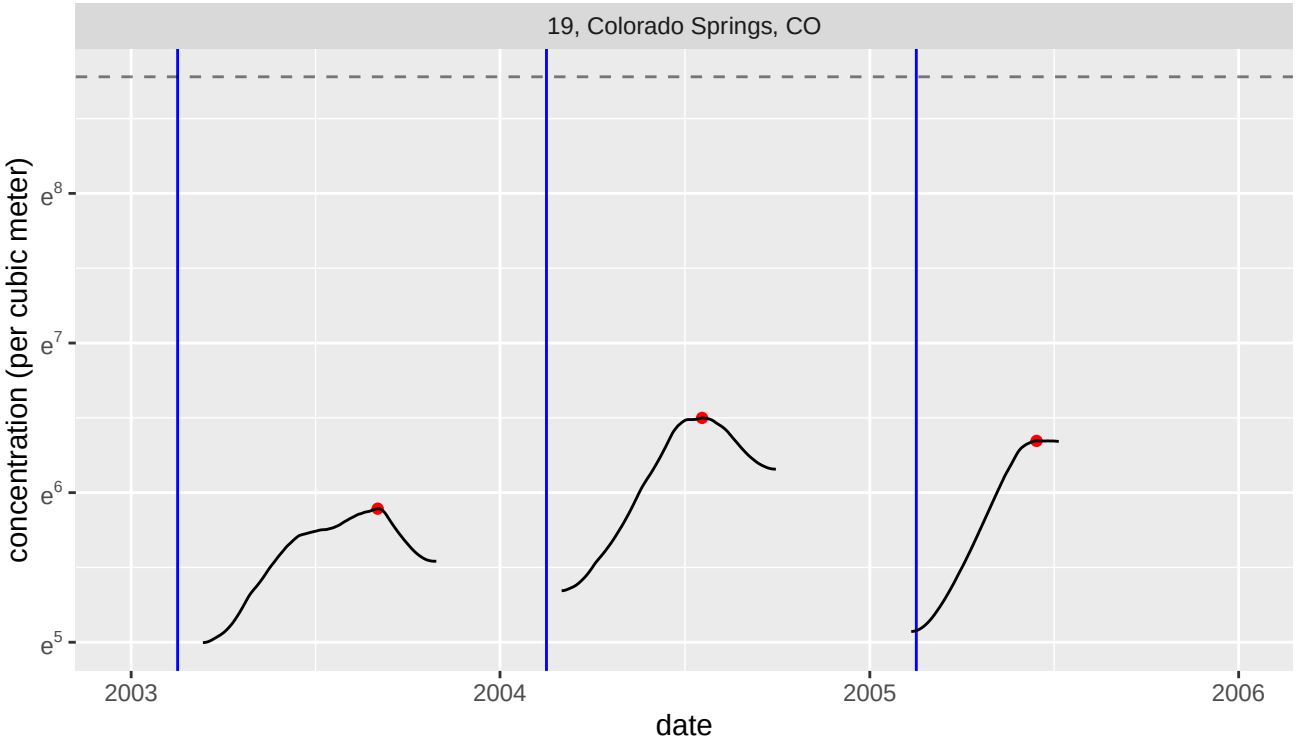

Data Completeness by Month
year
2010
2009
2008
2007
2006
2005
2004
2003
2002
78.1%
92.9%
88.8%
90.4%
87.4%
100%
100%
85.8%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

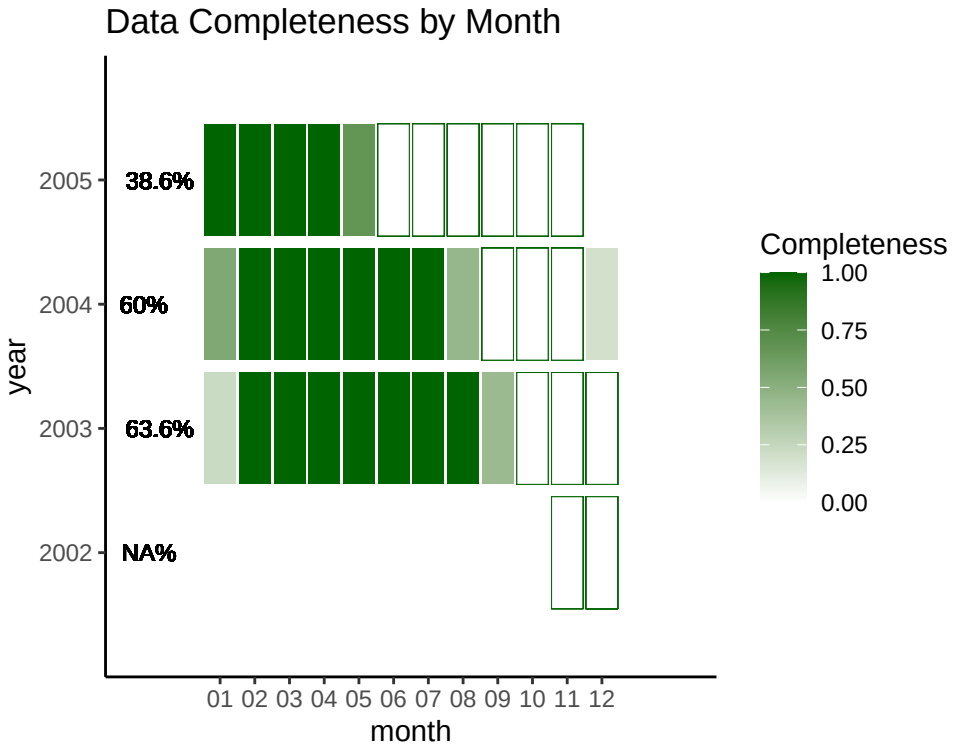

17, Roseville, CA
concentration (per cubic meter)
e8
e6
e4
e2
e0
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
date

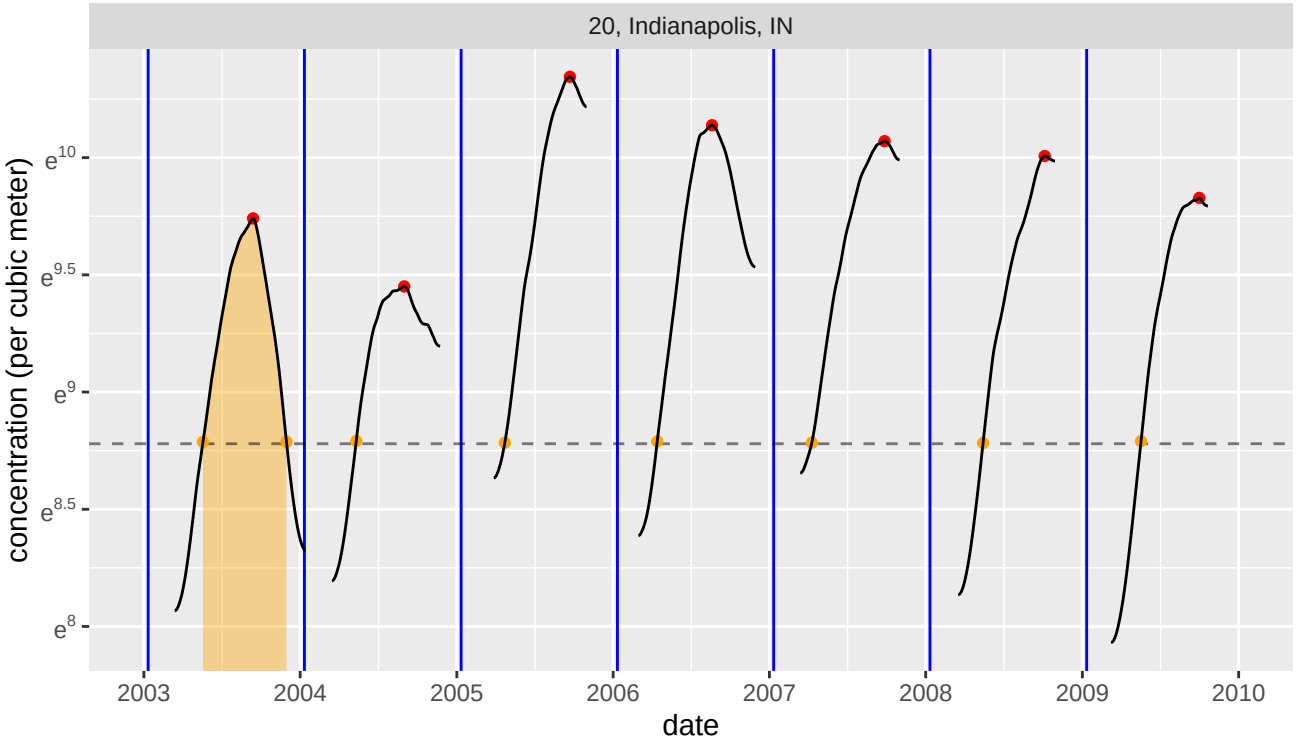

Data Completeness by Month
year
2019 35.6%
2018 70.1%
2017 95.9%
2016 87.4%
2015 84.9%
2014 95.6%
2013 100%
2012 100%
2011 90.7%
2010 100%
2009 94.5%
2008 100%
2007 100%
2006 100%
2005 88.8%
2004 89%
2003 36.4%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

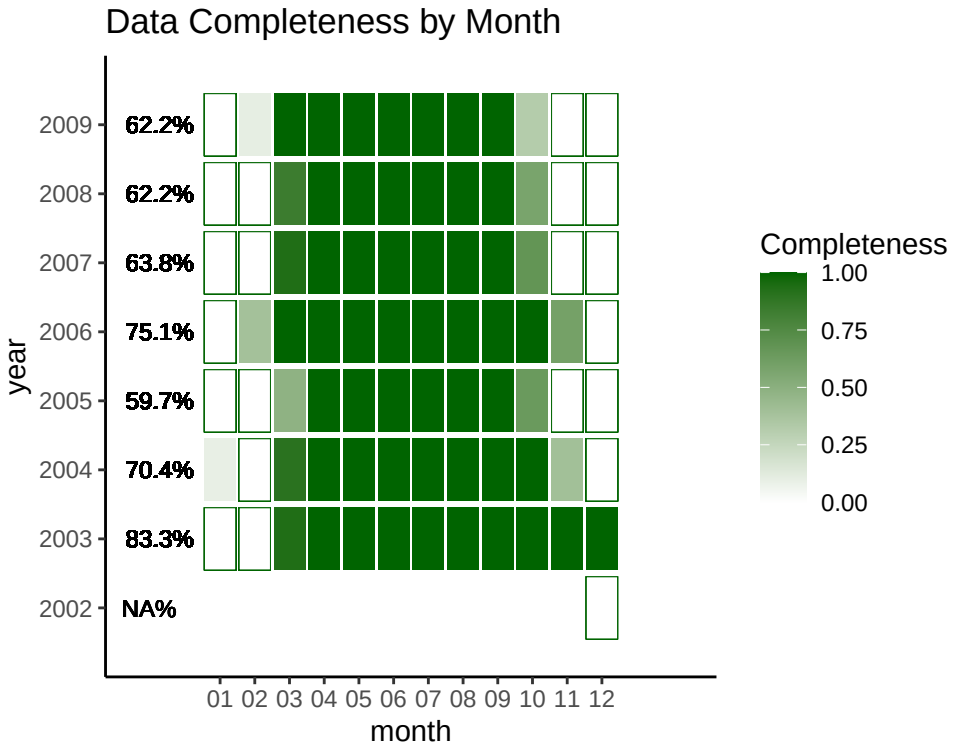

18, Kansas City, MO
concentration (per cubic meter)
e10
e8
e6
e4
e2
e0
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022
date

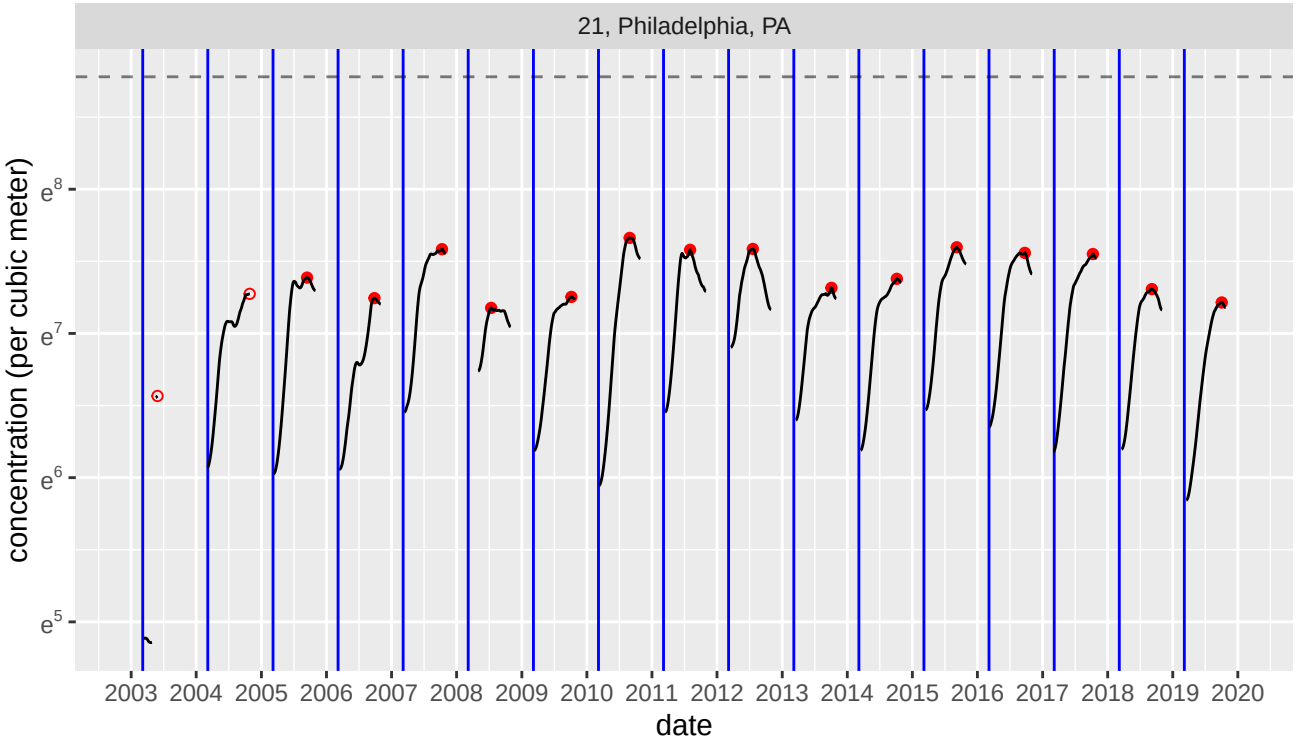

Data Completeness by Month
2021 33.7%
2020 64.7%
2019 61.1%
2018 65.8%
2017 67.1%
2016 76.7%
2015 72.9%
2014 66.3%
2013 67.7%
2012 69.3%
2011 73.4%
2010 64.1%
2009 66%
2008 69.6%
2007 64.4%
2006 67.4%
2005 67.1%
2004 68.8%
2003 66.3%
2002 NA%
year
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

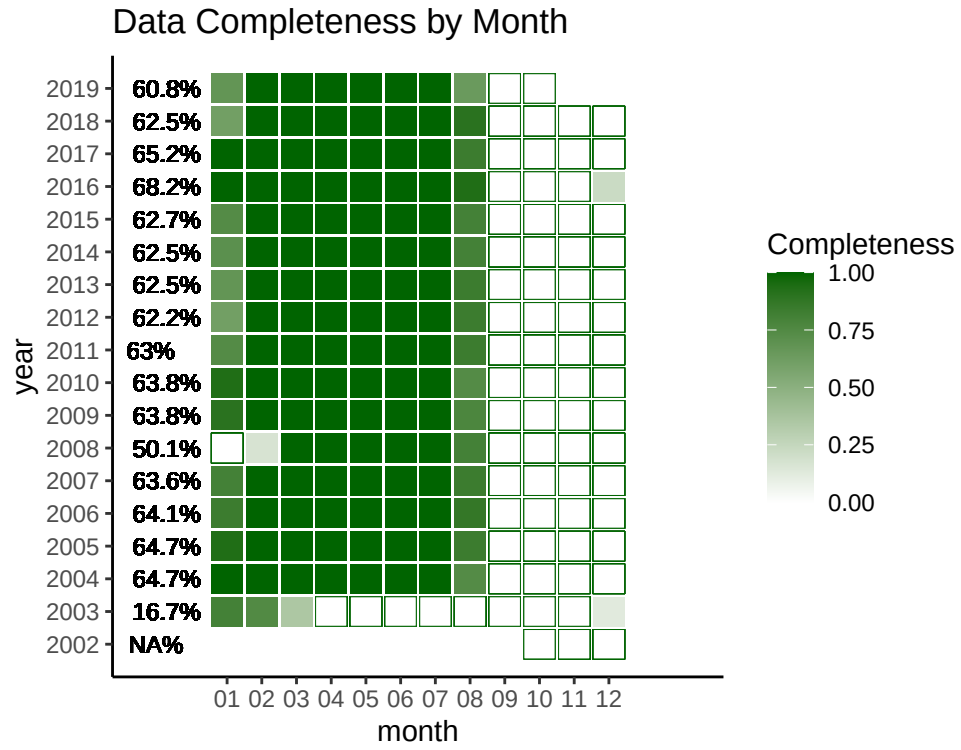

19, Colorado Springs, CO
concentration (per cubic meter)
e8
e7
e6
e5
2003
2004
2005
2006
date

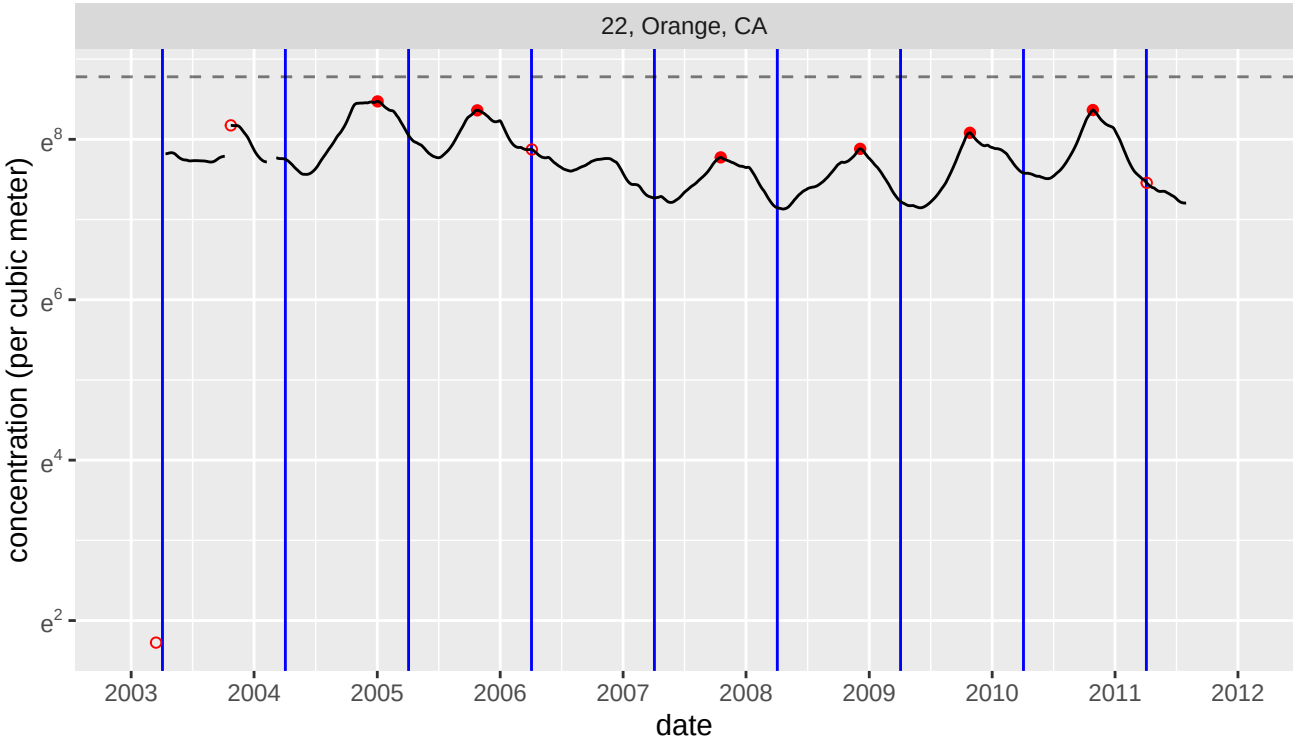

Data Completeness by Month
year
2005
2004
2003
2002
38.6%
60%
63.6%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

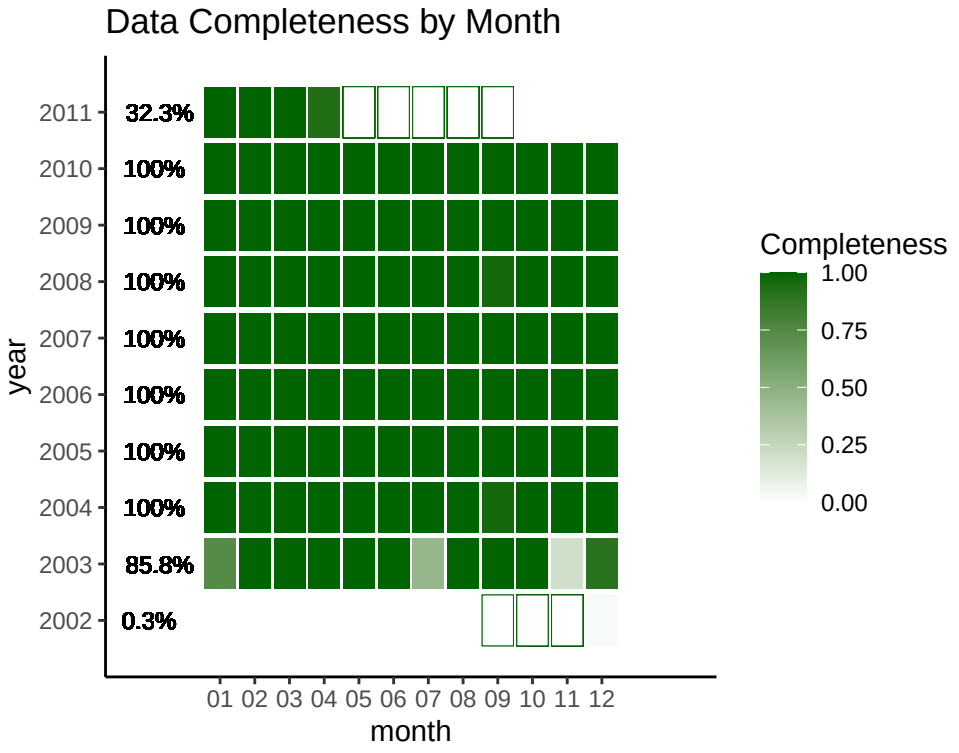

20, Indianapolis, IN
concentration (per cubic meter)
e^10
e^9.5
e^9
e^8.5
e^8
2003
2004
2005
2006
2007
2008
2009
2010
date

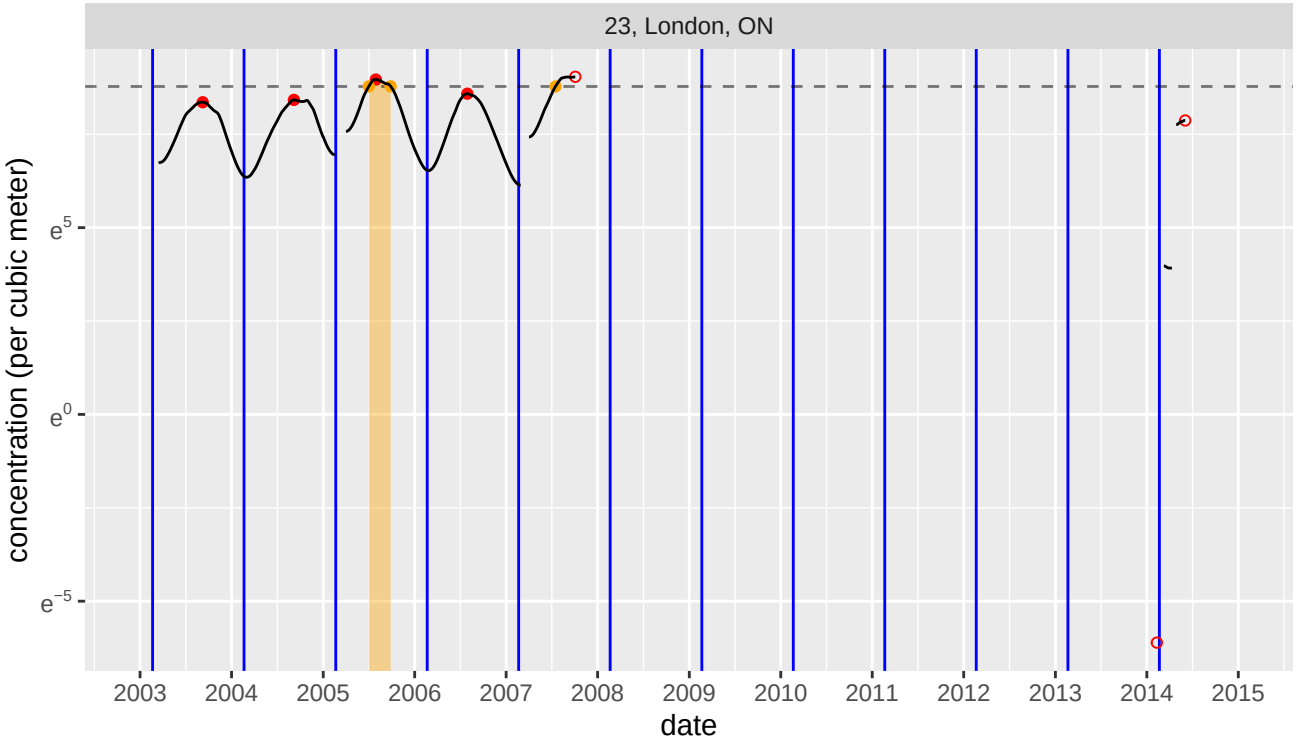

Data Completeness by Month
year
2009
2008
2007
2006
2005
2004
2003
2002
62.2%
62.2%
63.8%
75.1%
59.7%
70.4%
83.3%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

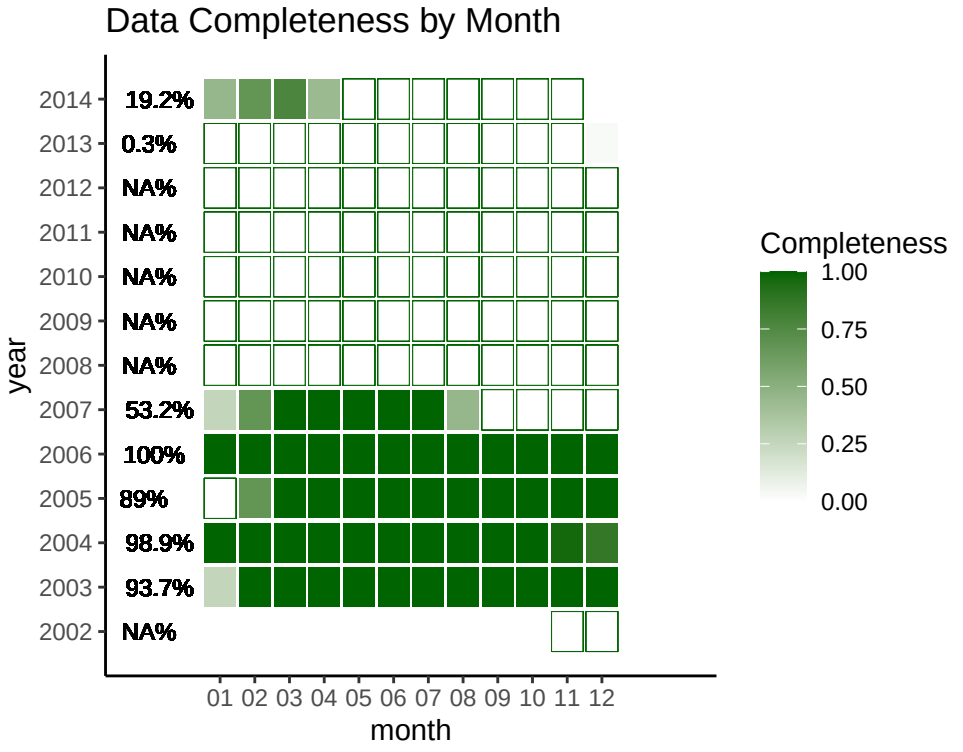

21, Philadelphia, PA
concentration (per cubic meter)
e8
e7
e6
e5
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020
date

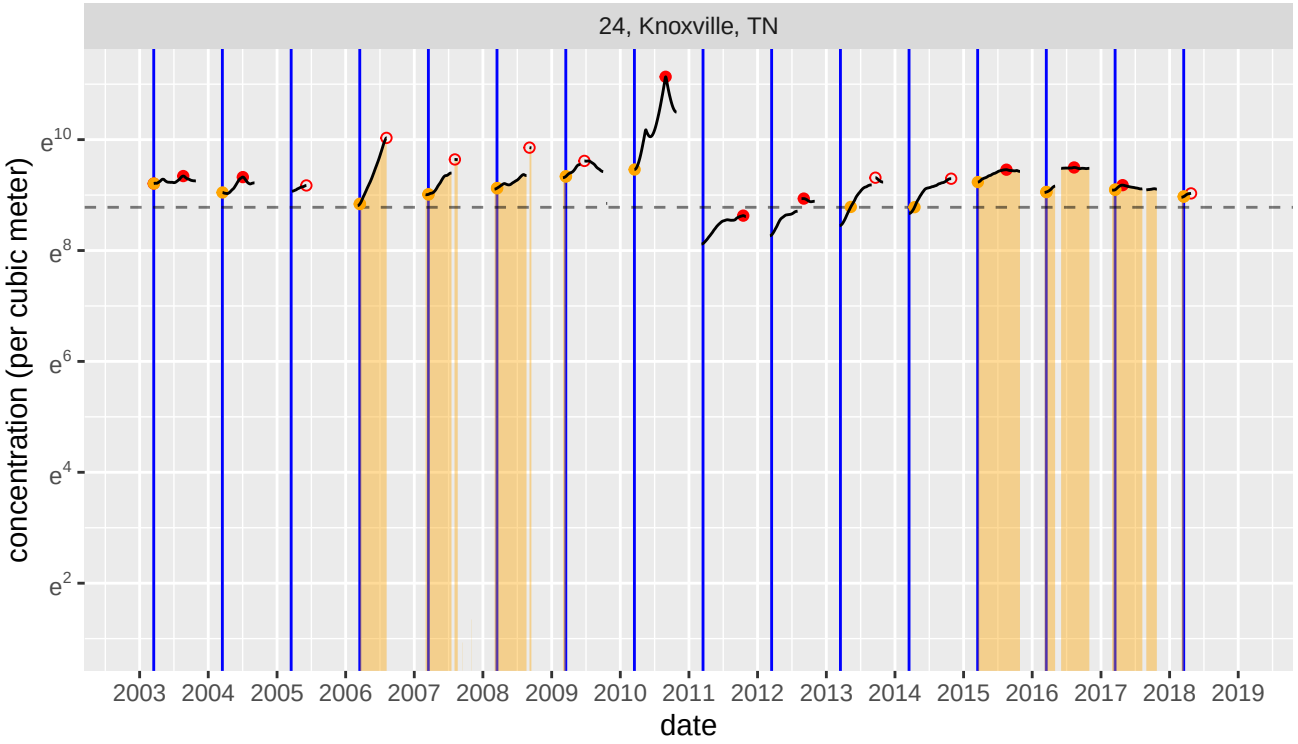

Data Completeness by Month
year
2019 60.8%
2018 62.5%
2017 65.2%
2016 68.2%
2015 62.7%
2014 62.5%
2013 62.5%
2012 62.2%
2011 63%
2010 63.8%
2009 63.8%
2008 50.1%
2007 63.6%
2006 64.1%
2005 64.7%
2004 64.7%
2003 16.7%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

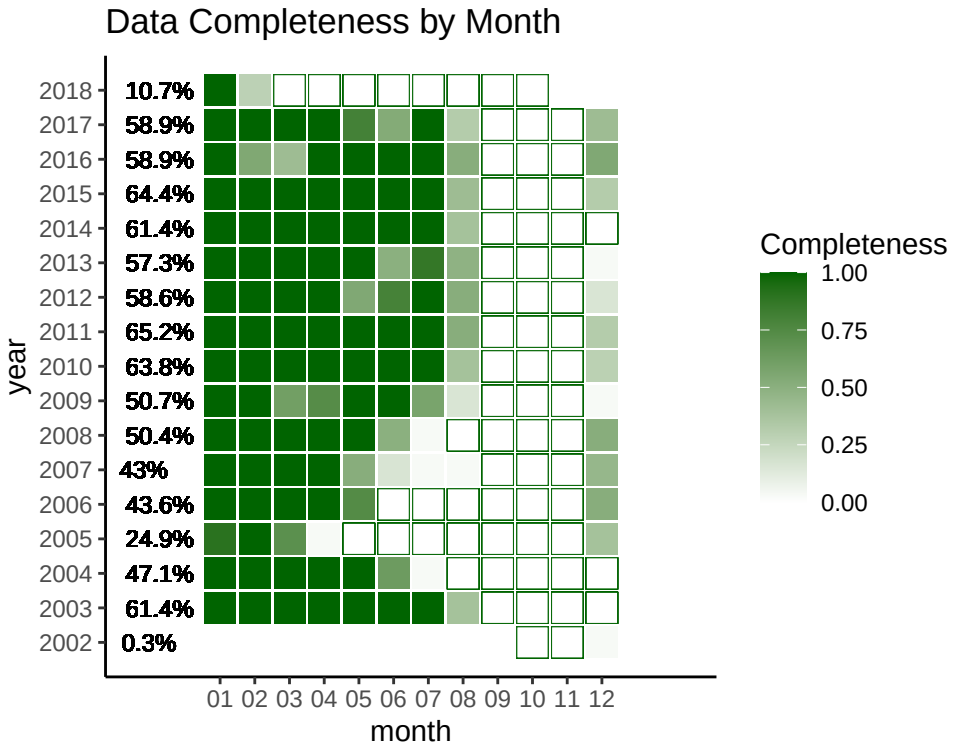

22, Orange, CA
concentration (per cubic meter)
e8
e6
e4
e2
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
date

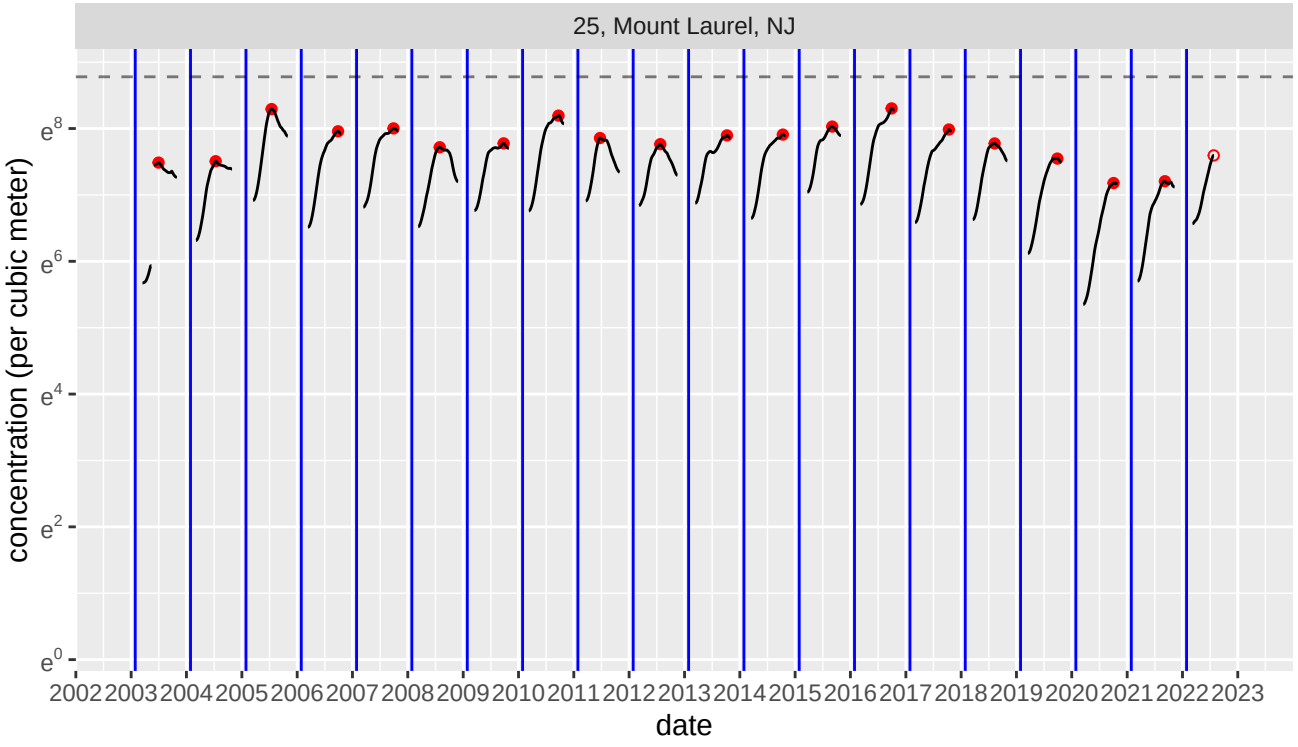

Data Completeness by Month
year
2011
2010
2009
2008
2007
2006
2005
2004
2003
2002
32.3%
100%
100%
100%
100%
100%
100%
100%
85.8%
0.3%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

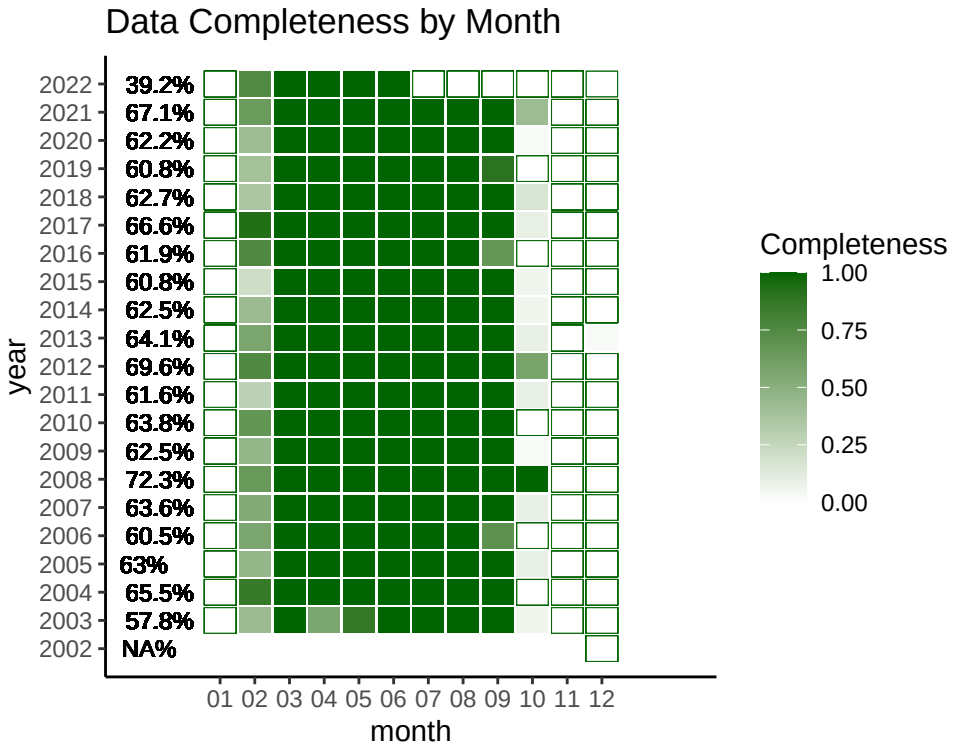

23, London, ON
concentration (per cubic meter)
e^5
e^0
e^-5
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
date

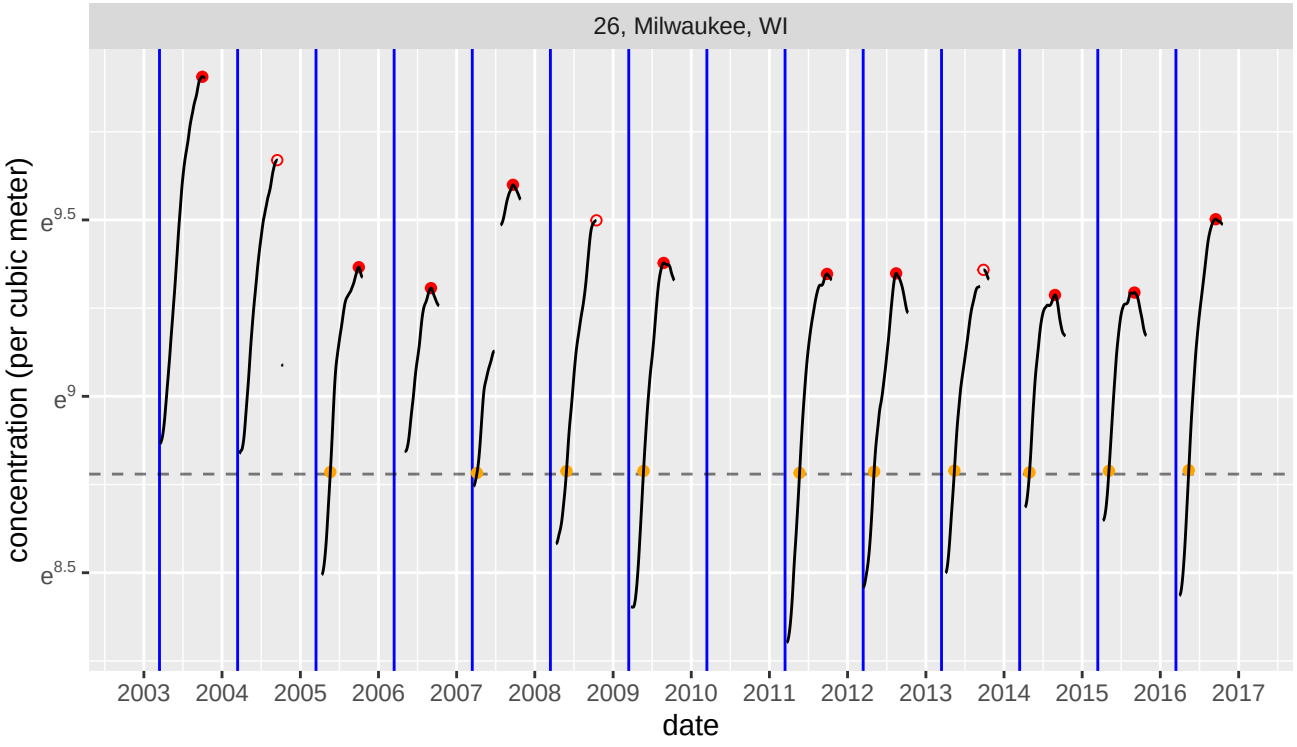

Data Completeness by Month
year
2014 19.2%
2013 0.3%
2012 NA%
2011 NA%
2010 NA%
2009 NA%
2008 NA%
2007 53.2%
2006 100%
2005 89%
2004 98.9%
2003 93.7%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

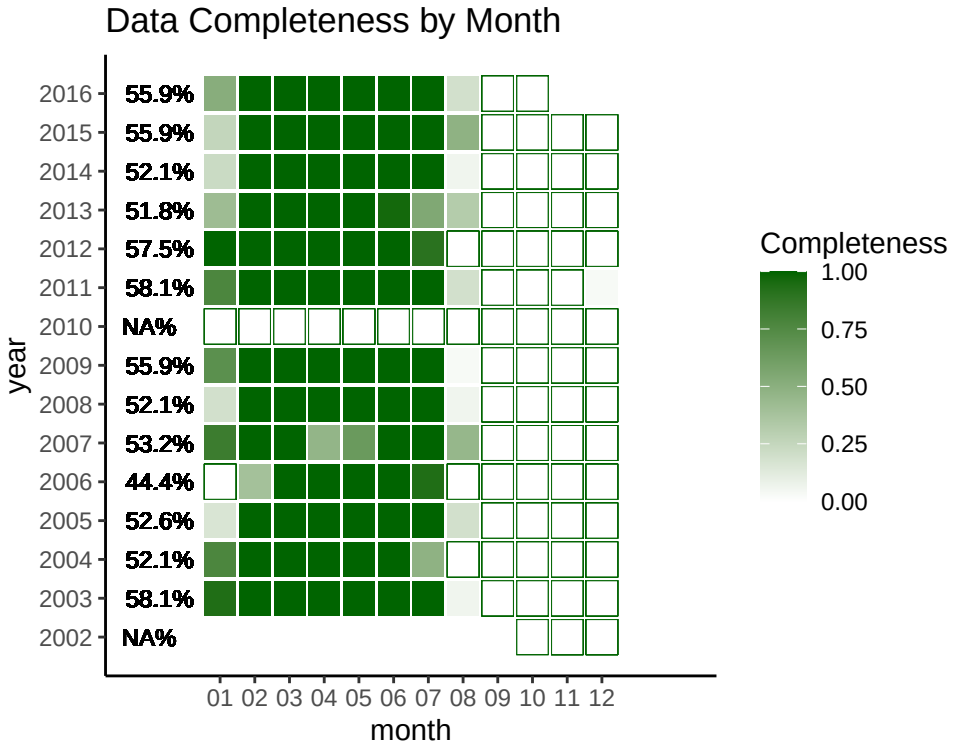

24, Knoxville, TN
concentration (per cubic meter)
e10
e8
e6
e4
e2
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
date

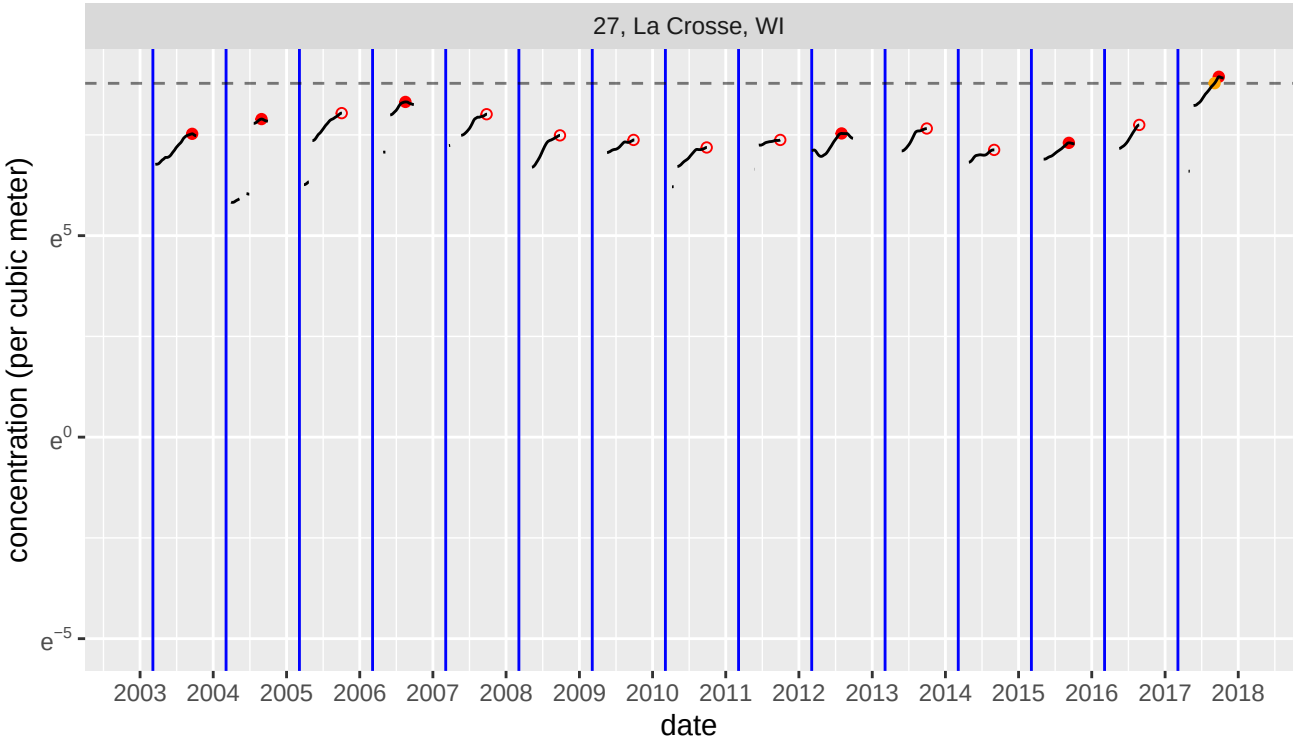

Data Completeness by Month
year
2018 10.7%
2017 58.9%
2016 58.9%
2015 64.4%
2014 61.4%
2013 57.3%
2012 58.6%
2011 65.2%
2010 63.8%
2009 50.7%
2008 50.4%
2007 43%
2006 43.6%
2005 24.9%
2004 47.1%
2003 61.4%
2002 0.3%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

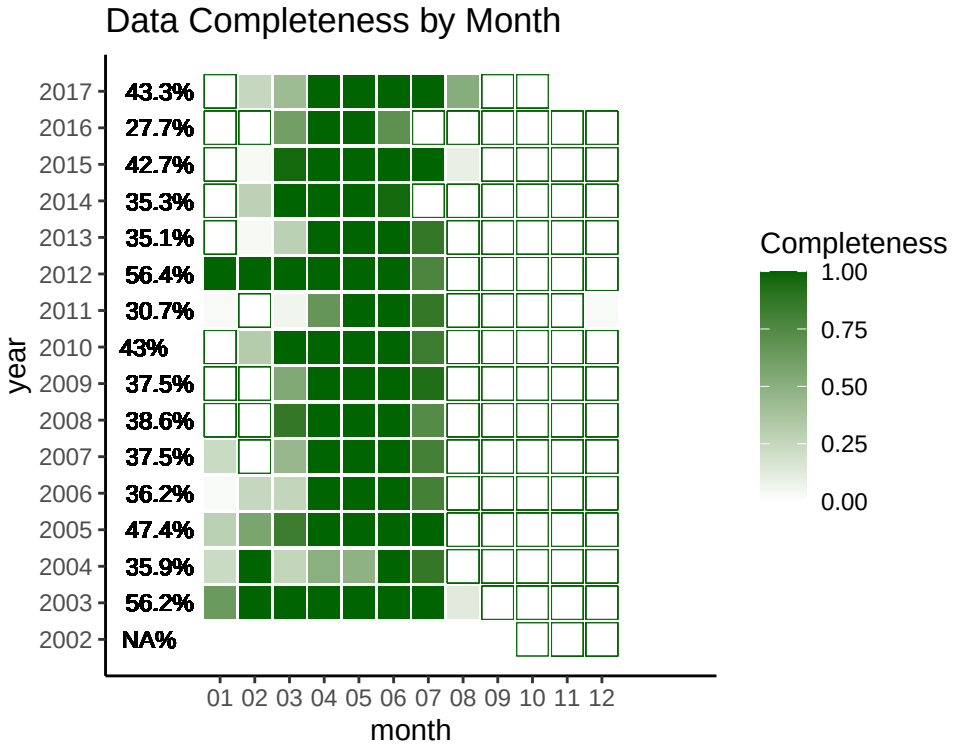

25, Mount Laurel, NJ
concentration (per cubic meter)
e8
e6
e4
e2
e0
2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

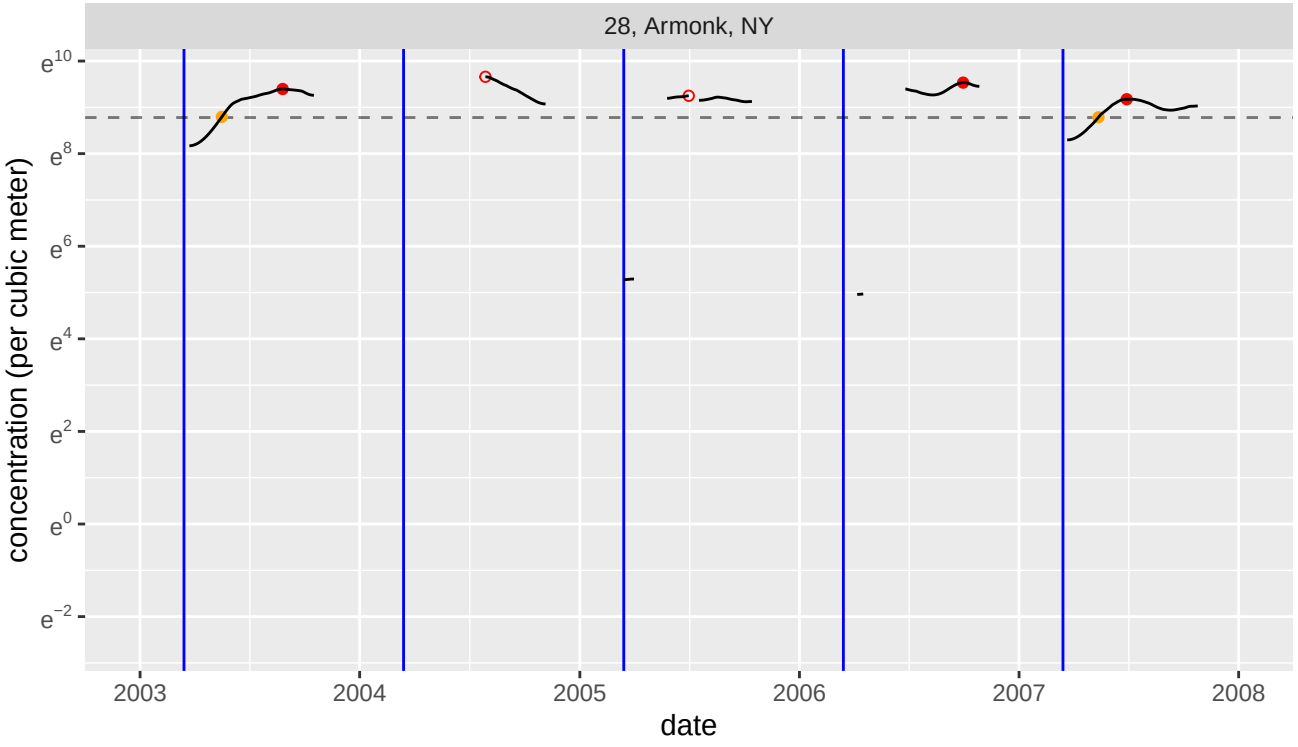

Data Completeness by Month
year
2022 39.2%
2021 67.1%
2020 62.2%
2019 60.8%
2018 62.7%
2017 66.6%
2016 61.9%
2015 60.8%
2014 62.5%
2013 64.1%
2012 69.6%
2011 61.6%
2010 63.8%
2009 62.5%
2008 72.3%
2007 63.6%
2006 60.5%
2005 63%
2004 65.5%
2003 57.8%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

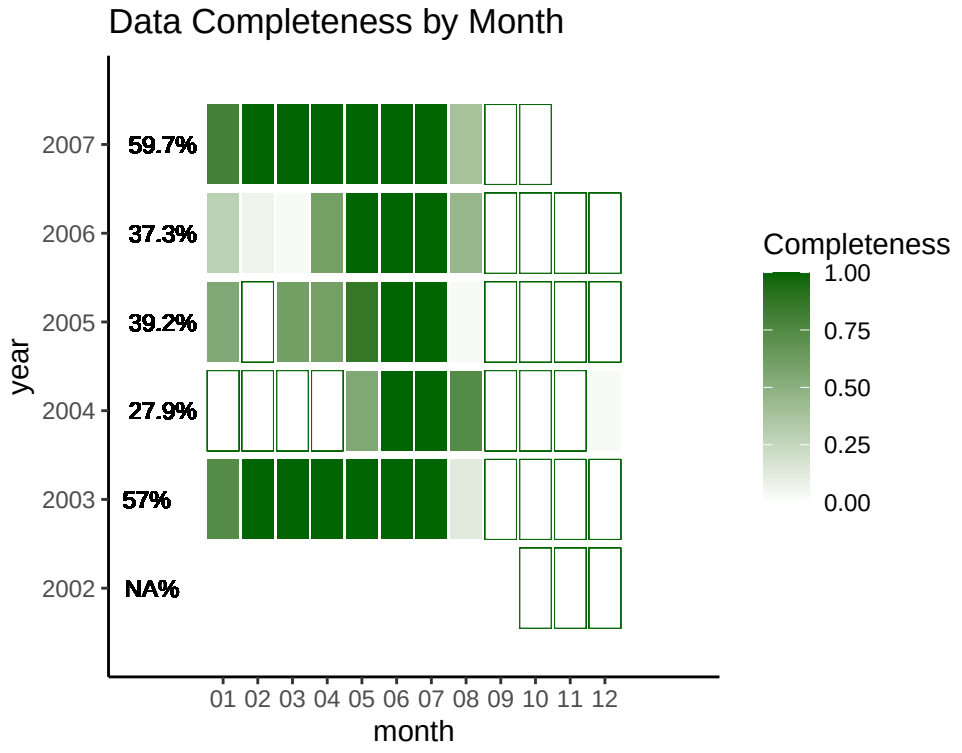

26, Milwaukee, WI
concentration (per cubic meter)
e^9.5
e^9
e^8.5
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
date

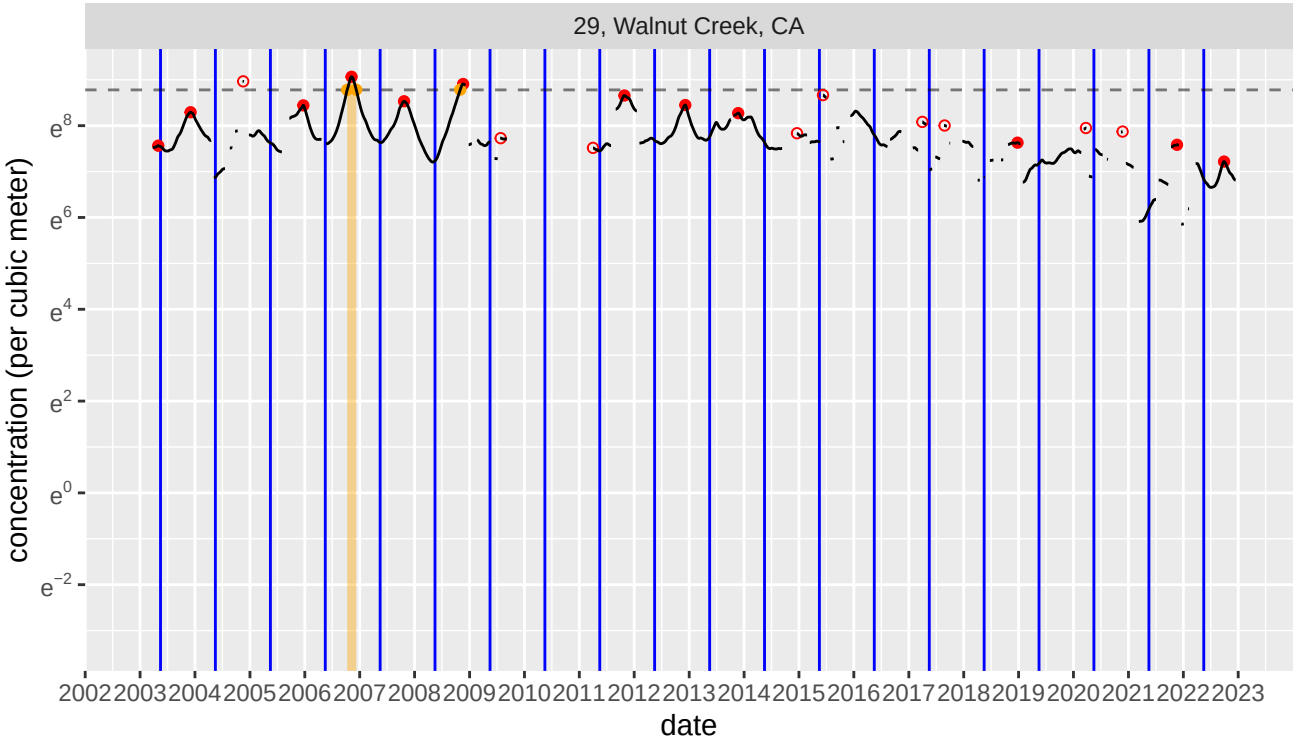

Data Completeness by Month
year
2016 55.9%
2015 55.9%
2014 52.1%
2013 51.8%
2012 57.5%
2011 58.1%
2010 NA%
2009 55.9%
2008 52.1%
2007 53.2%
2006 44.4%
2005 52.6%
2004 52.1%
2003 58.1%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

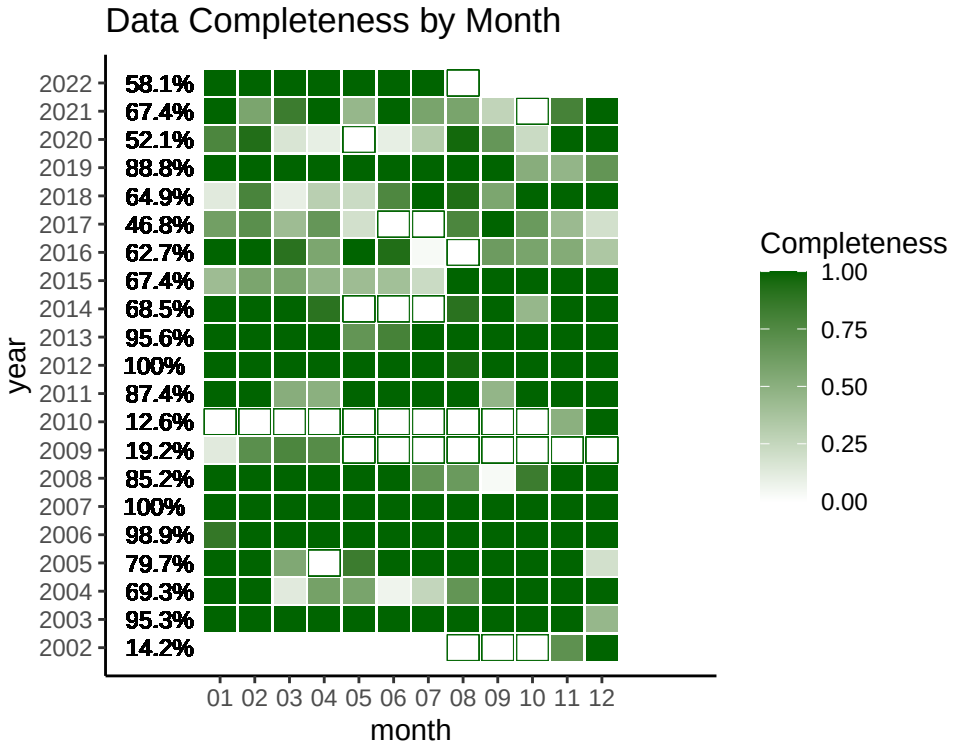

27, La Crosse, WI
concentration (per cubic meter)
e^5
e^0
e^{-5}
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018
date

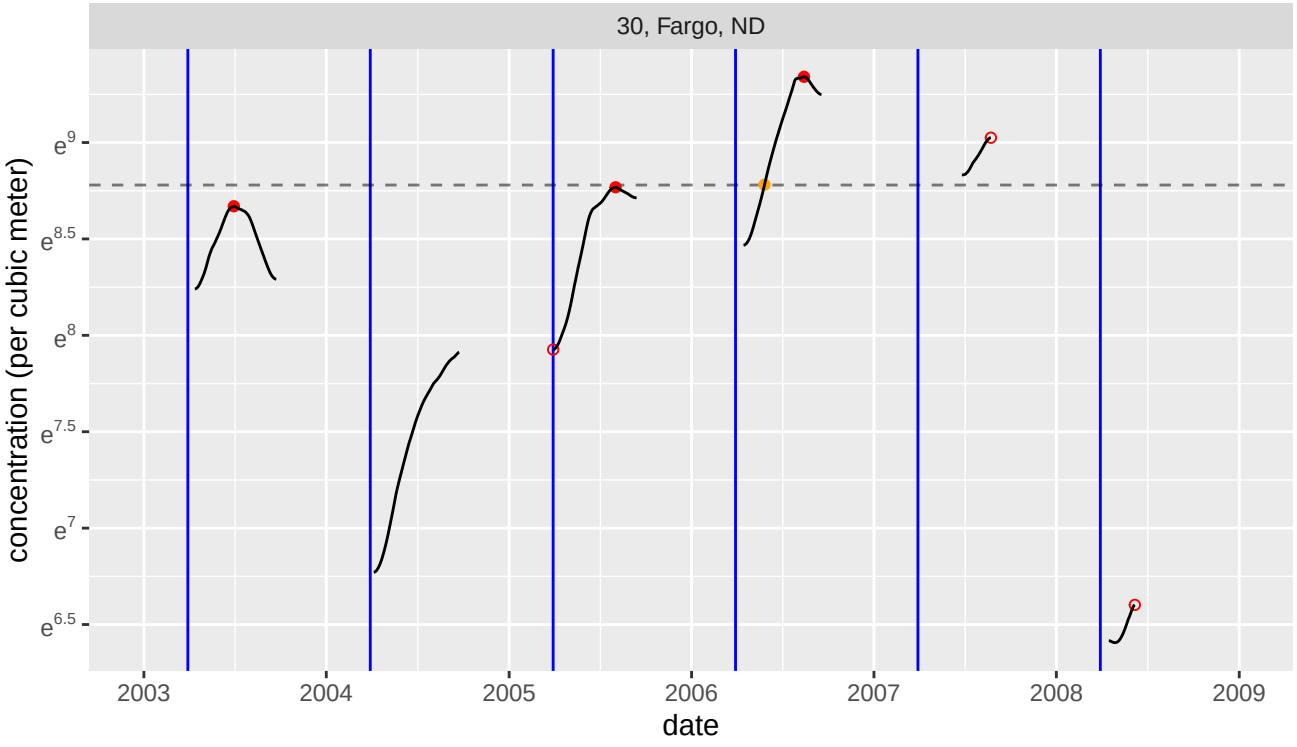

Data Completeness by Month
year
2017 43.3%
2016 27.7%
2015 42.7%
2014 35.3%
2013 35.1%
2012 56.4%
2011 30.7%
2010 43%
2009 37.5%
2008 38.6%
2007 37.5%
2006 36.2%
2005 47.4%
2004 35.9%
2003 56.2%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

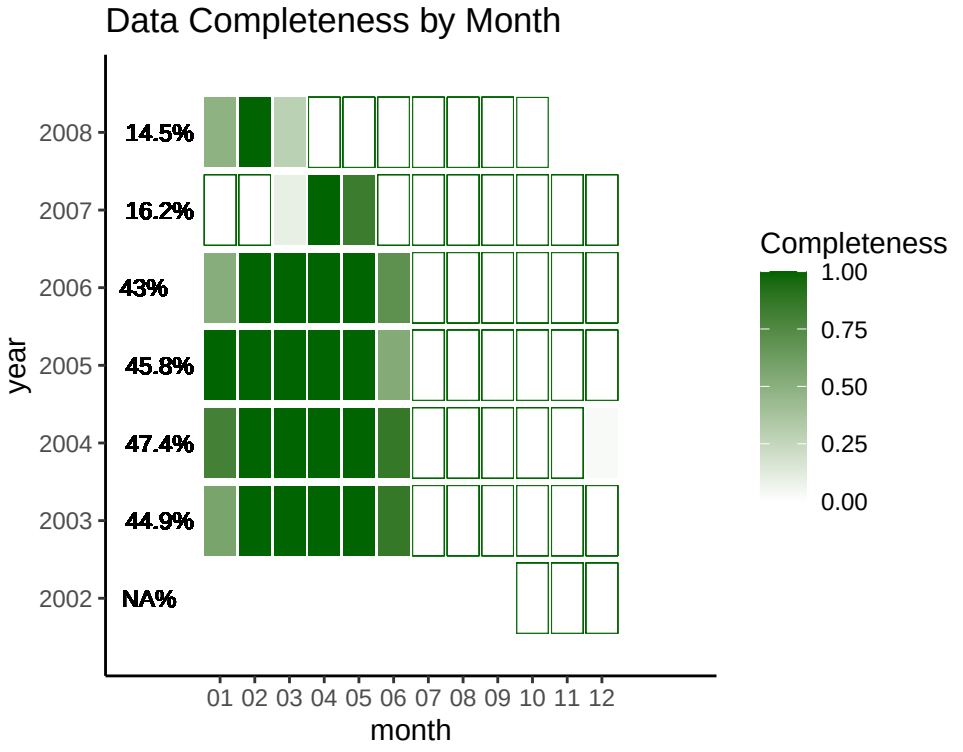

28, Armonk, NY
concentration (per cubic meter)
e^{10}
e^{8}
e^{6}
e^{4}
e^{2}
e^{0}
e^{-2}
2003
2004
2005
2006
2007
2008
date

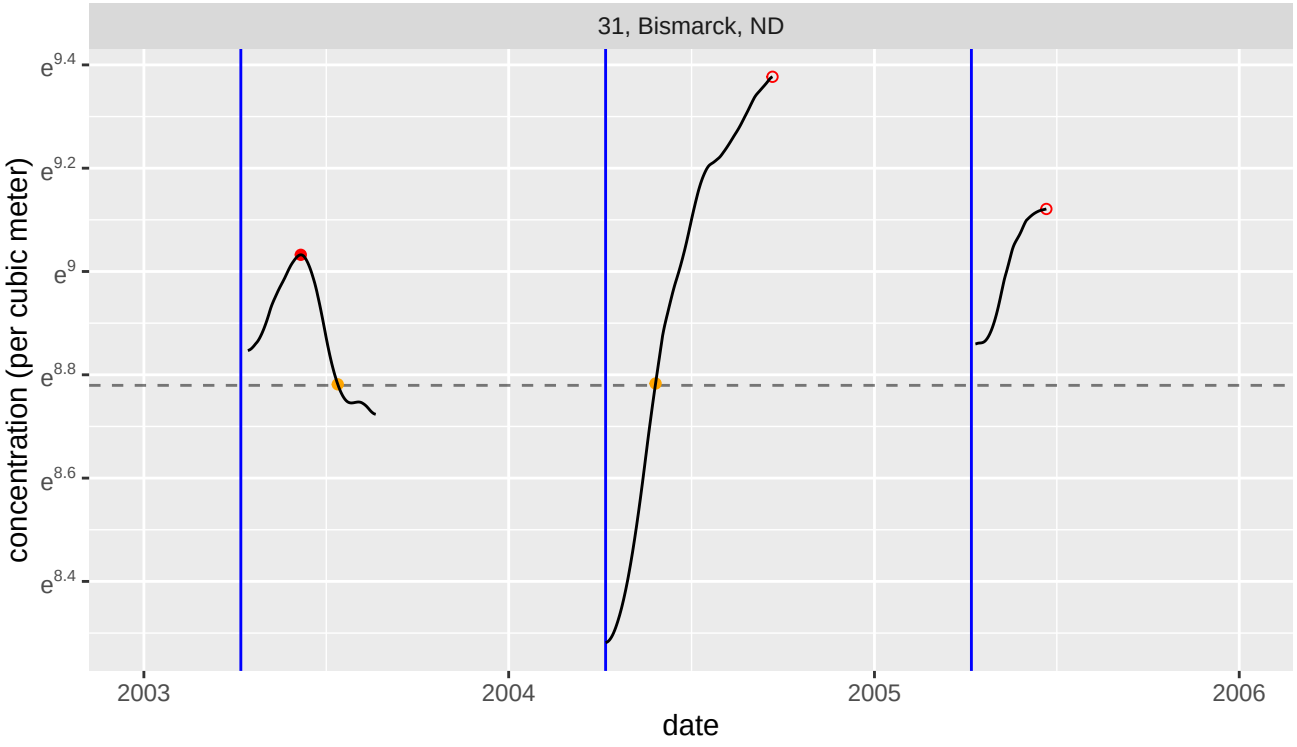

Data Completeness by Month
year
2007
2006
2005
2004
2003
2002
59.7%
37.3%
39.2%
27.9%
57%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

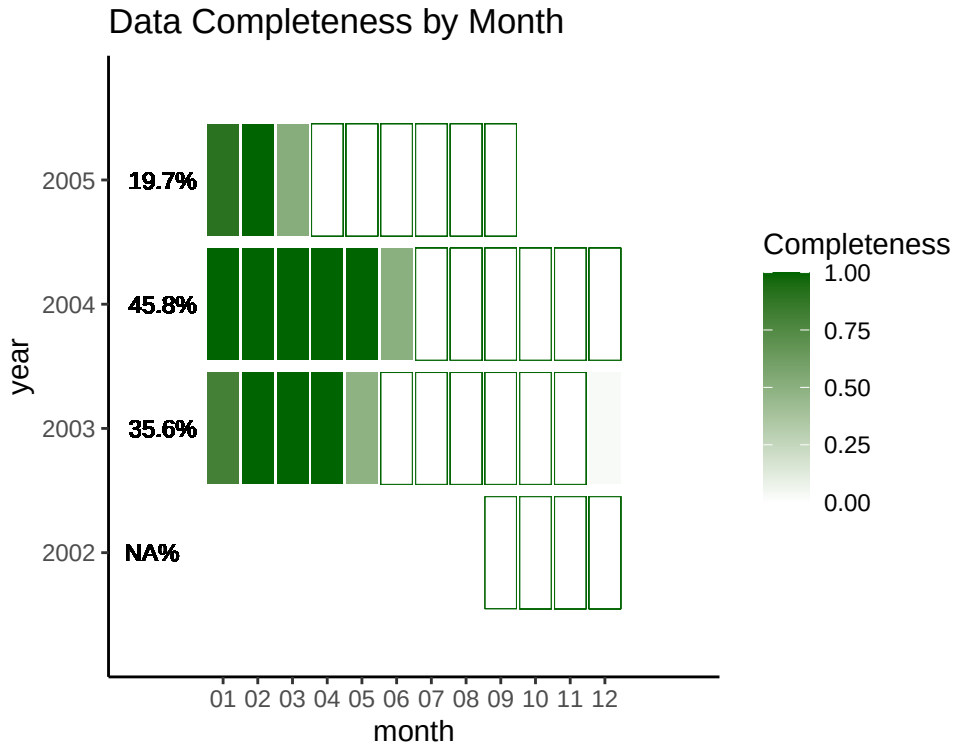

29, Walnut Creek, CA
concentration (per cubic meter)
e^8
e^6
e^4
e^2
e^0
e^-2
2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

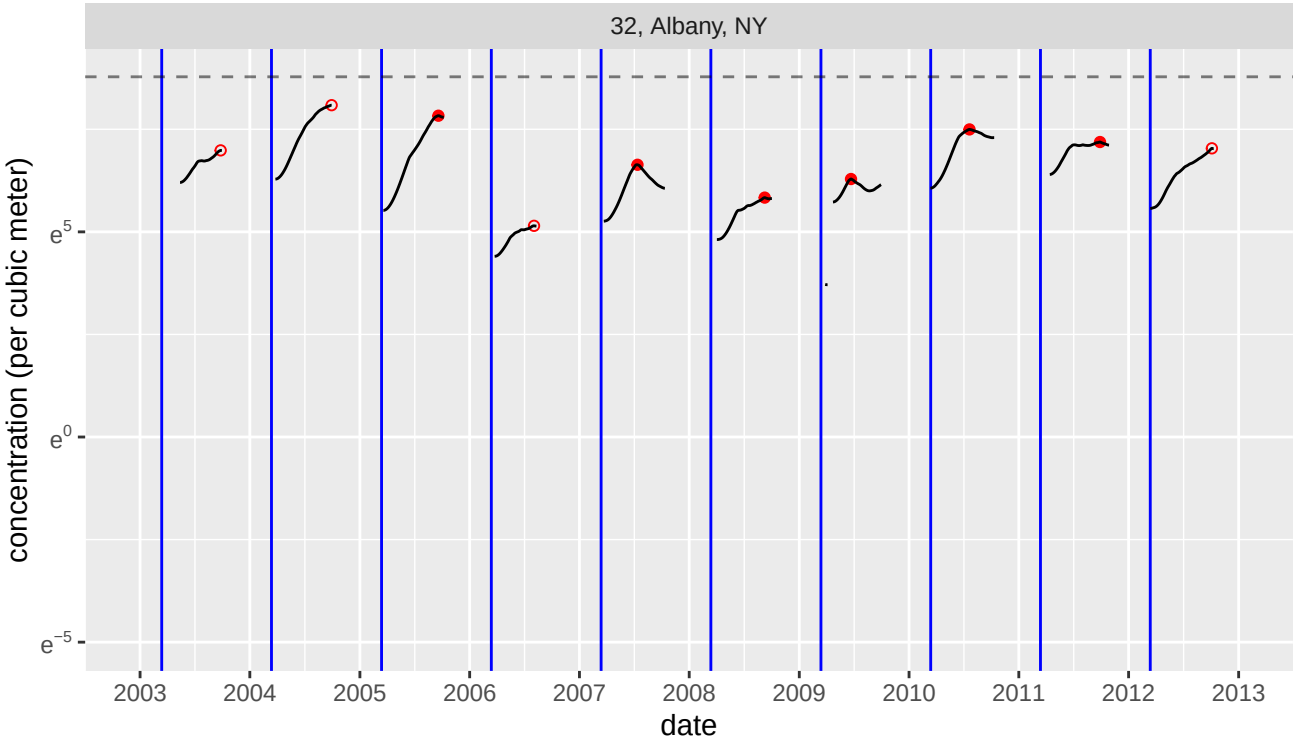

Data Completeness by Month
year
2022 58.1%
2021 67.4%
2020 52.1%
2019 88.8%
2018 64.9%
2017 46.8%
2016 62.7%
2015 67.4%
2014 68.5%
2013 95.6%
2012 100%
2011 87.4%
2010 12.6%
2009 19.2%
2008 85.2%
2007 100%
2006 98.9%
2005 79.7%
2004 69.3%
2003 95.3%
2002 14.2%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

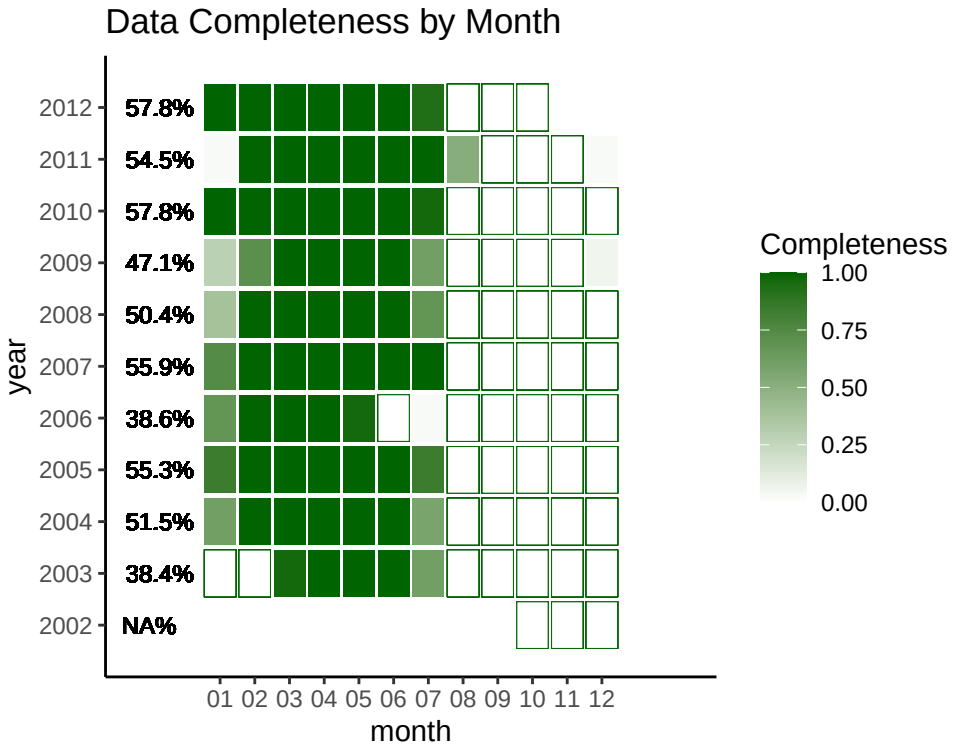

30, Fargo, ND
concentration (per cubic meter)
e^9
e^8.5
e^8
e^7.5
e^7
e^6.5
2003
2004
2005
2006
2007
2008
2009
date

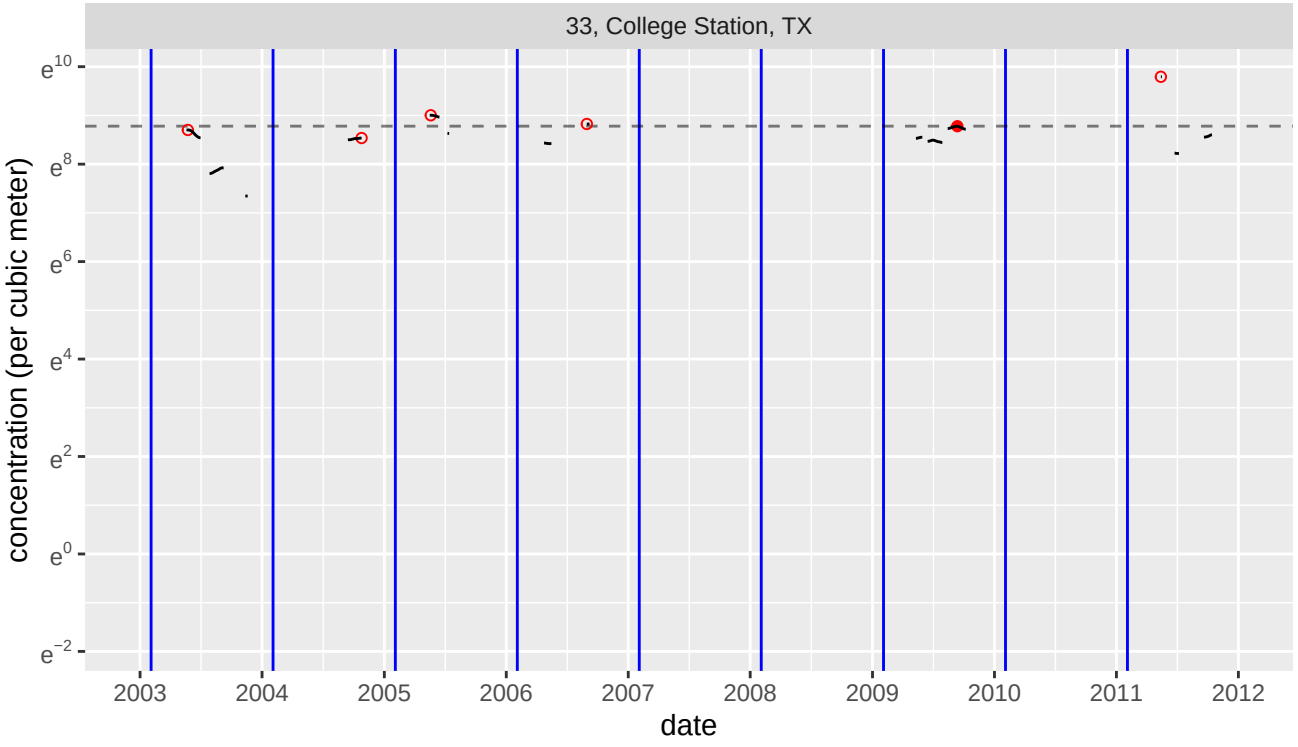

Data Completeness by Month
year
2008
2007
2006
2005
2004
2003
2002
14.5%
16.2%
43%
45.8%
47.4%
44.9%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

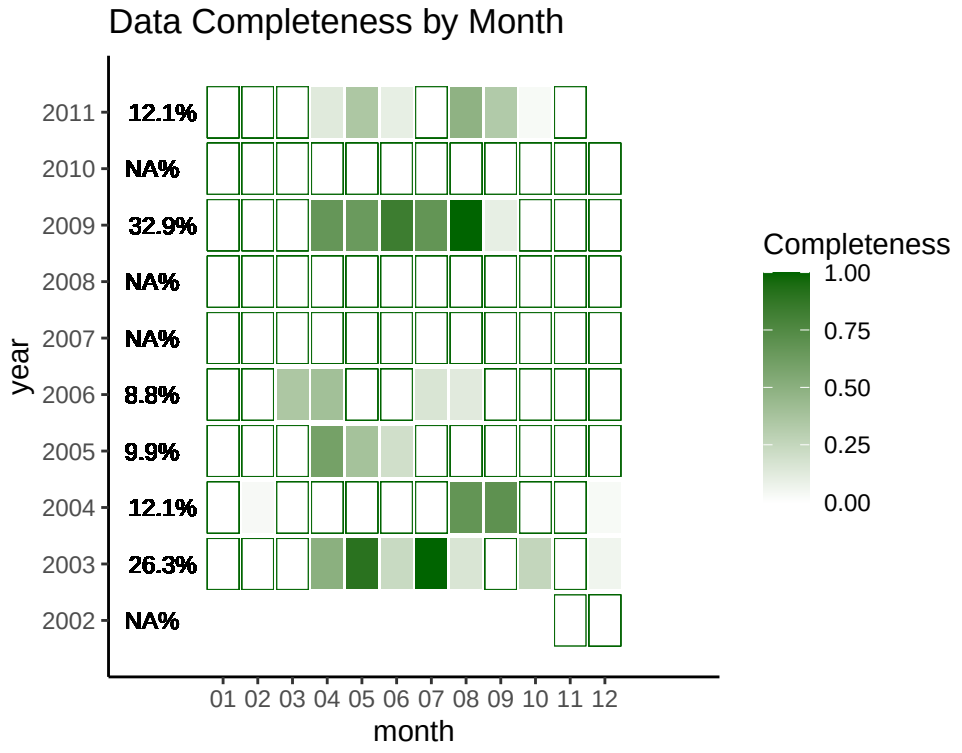

31, Bismarck, ND
concentration (per cubic meter)
e^9.4
e^9.2
e^9
e^8.8
e^8.6
e^8.4
2003
2004
2005
2006
date

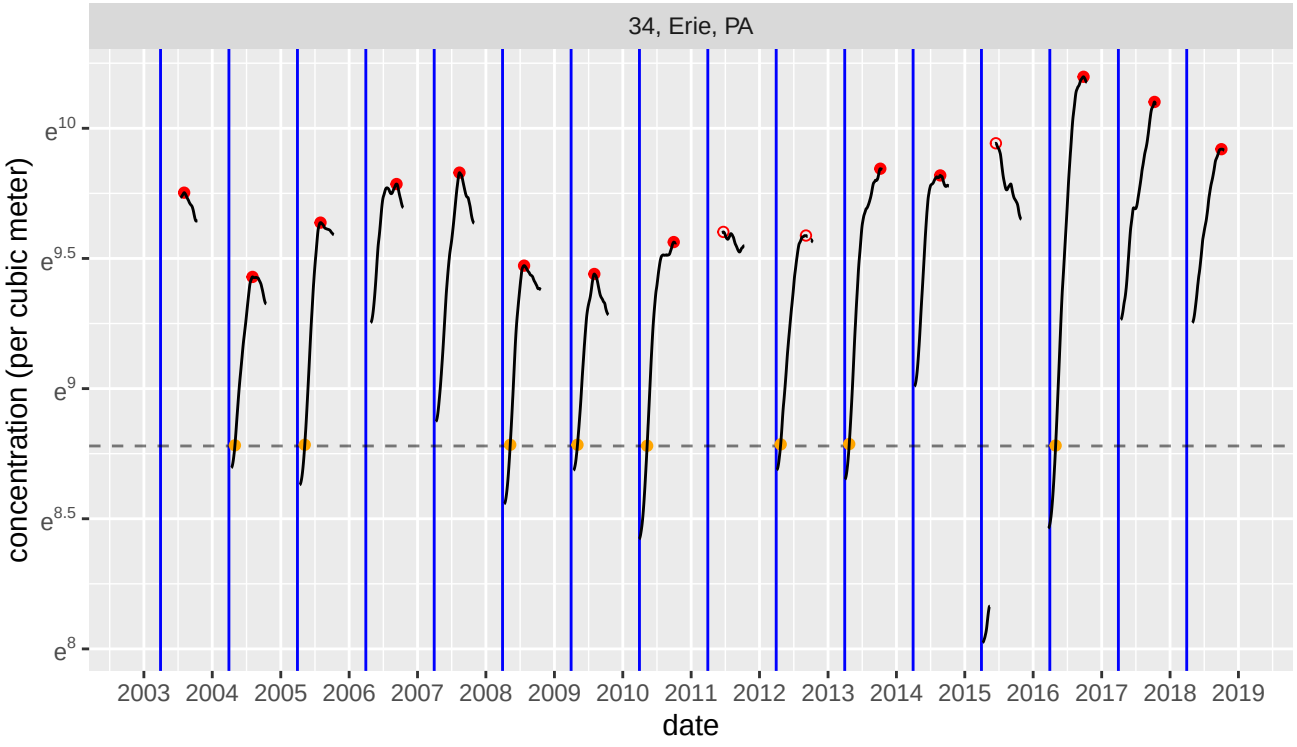

Data Completeness by Month
year
2005
2004
2003
2002
19.7%
45.8%
35.6%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

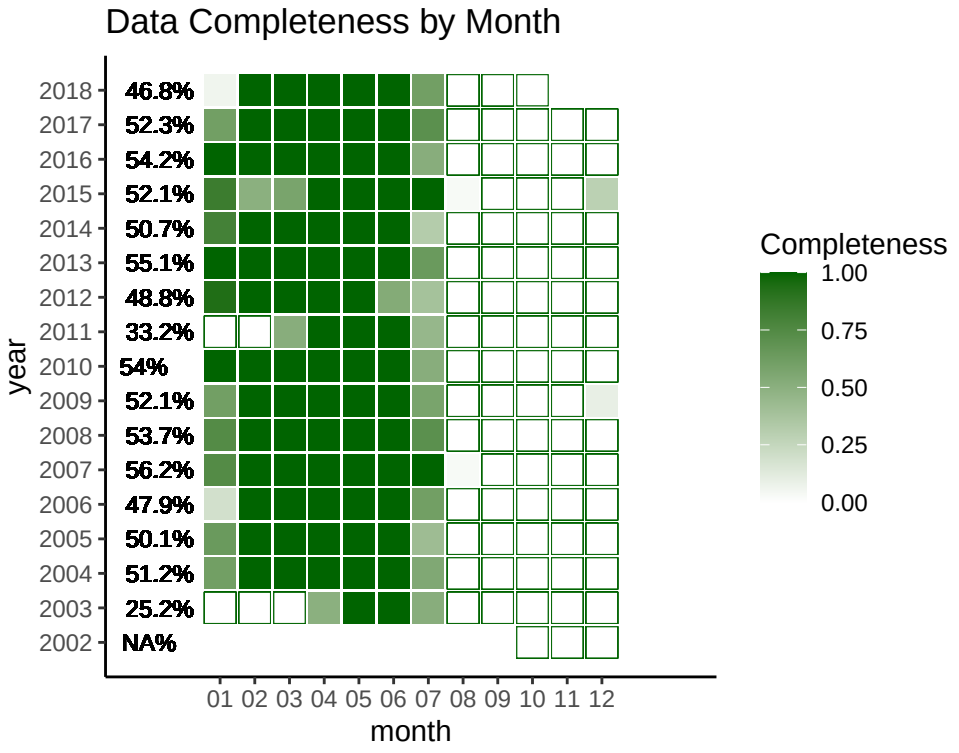

32, Albany, NY
concentration (per cubic meter)
e^5
e^0
e^{-5}
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
date

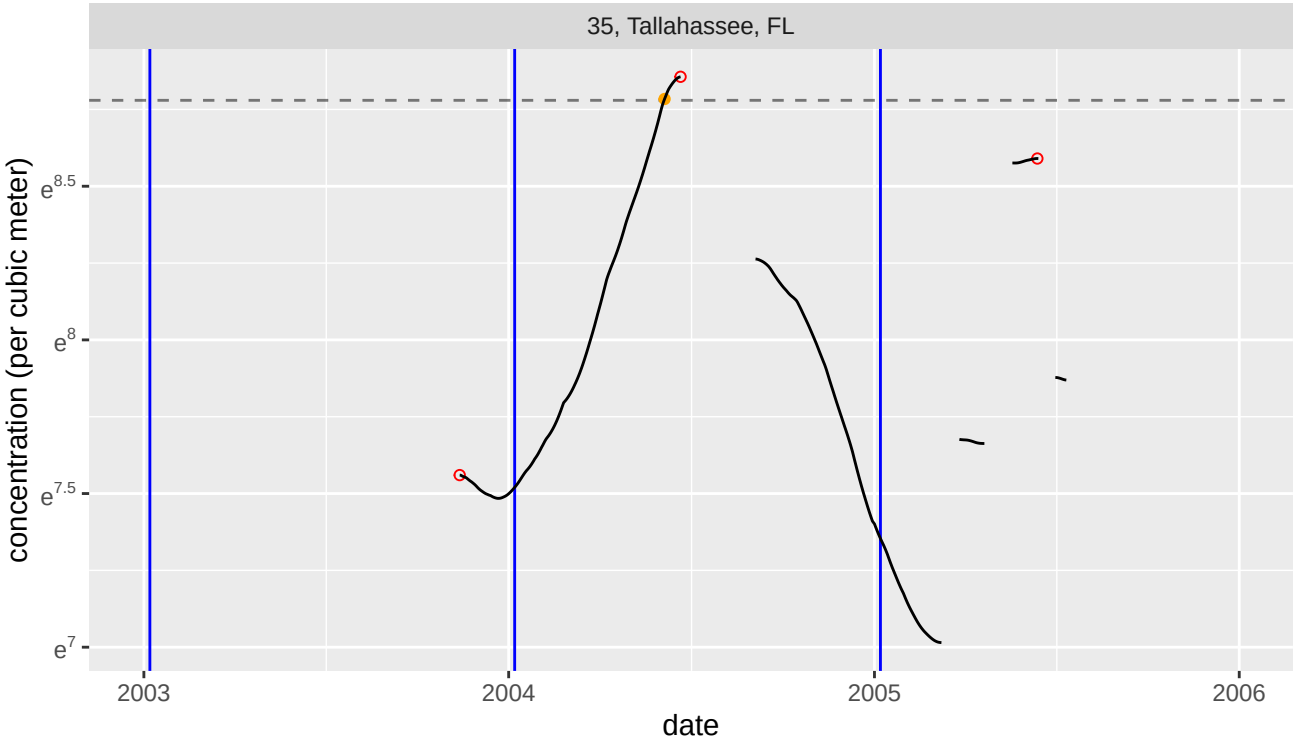

Data Completeness by Month
year
2012
2011
2010
2009
2008
2007
2006
2005
2004
2003
2002
57.8%
54.5%
57.8%
47.1%
50.4%
55.9%
38.6%
55.3%
51.5%
38.4%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

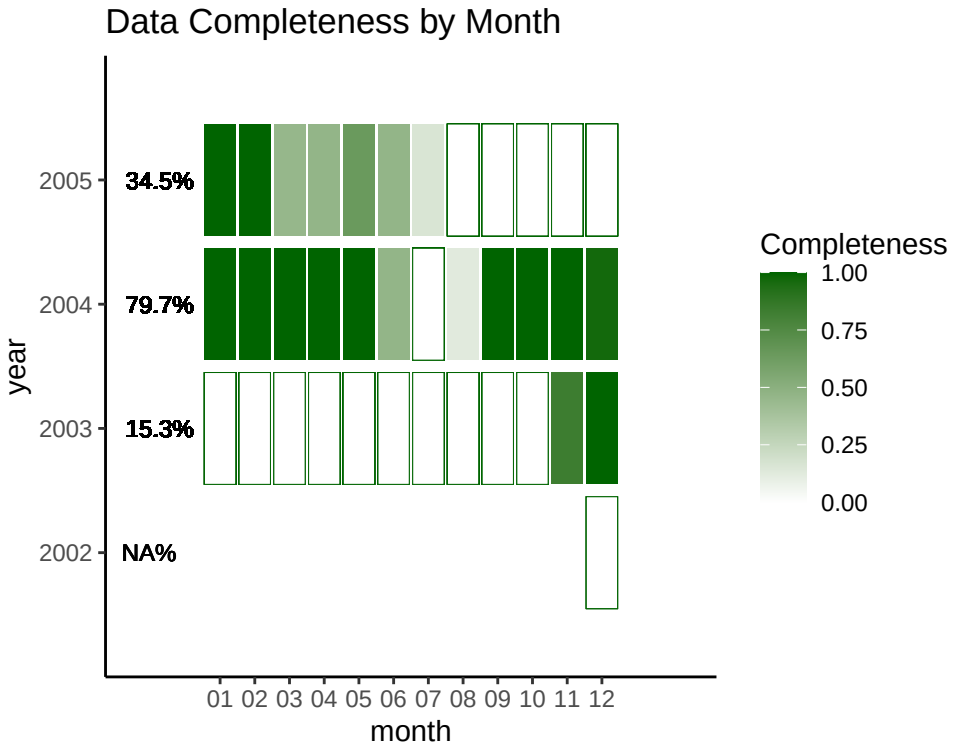

33, College Station, TX
concentration (per cubic meter)
e^{10}
e^{8}
e^{6}
e^{4}
e^{2}
e^{0}
e^{-2}
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
date

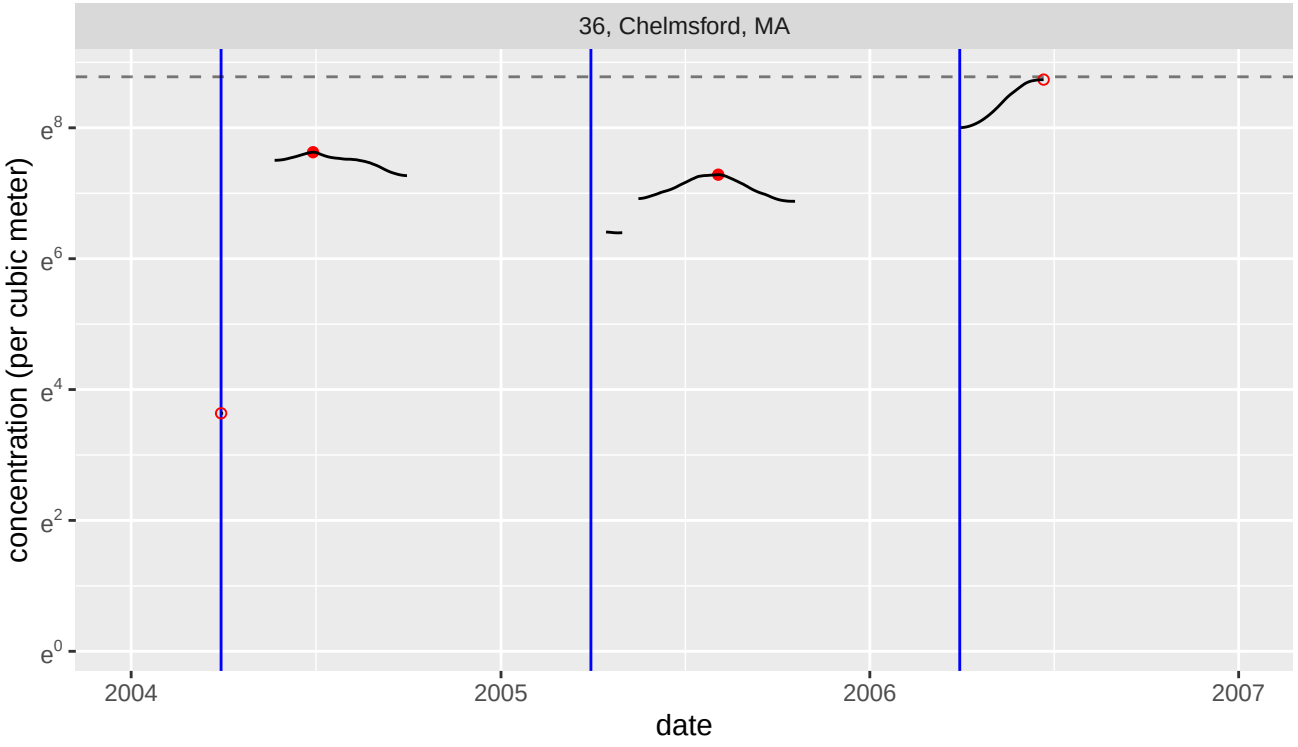

Data Completeness by Month
year
2011
2010
2009
2008
2007
2006
2005
2004
2003
2002
12.1%
NA%
32.9%
NA%
NA%
8.8%
9.9%
12.1%
26.3%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

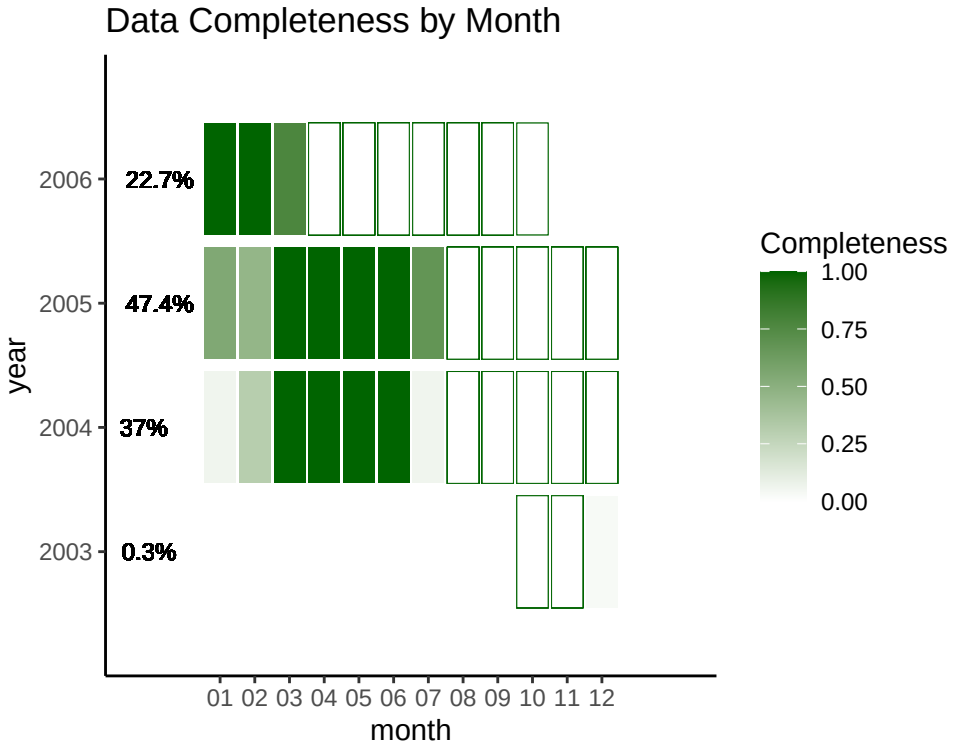

34, Erie, PA
concentration (per cubic meter)
e^10
e^9.5
e^9
e^8.5
e^8
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
date

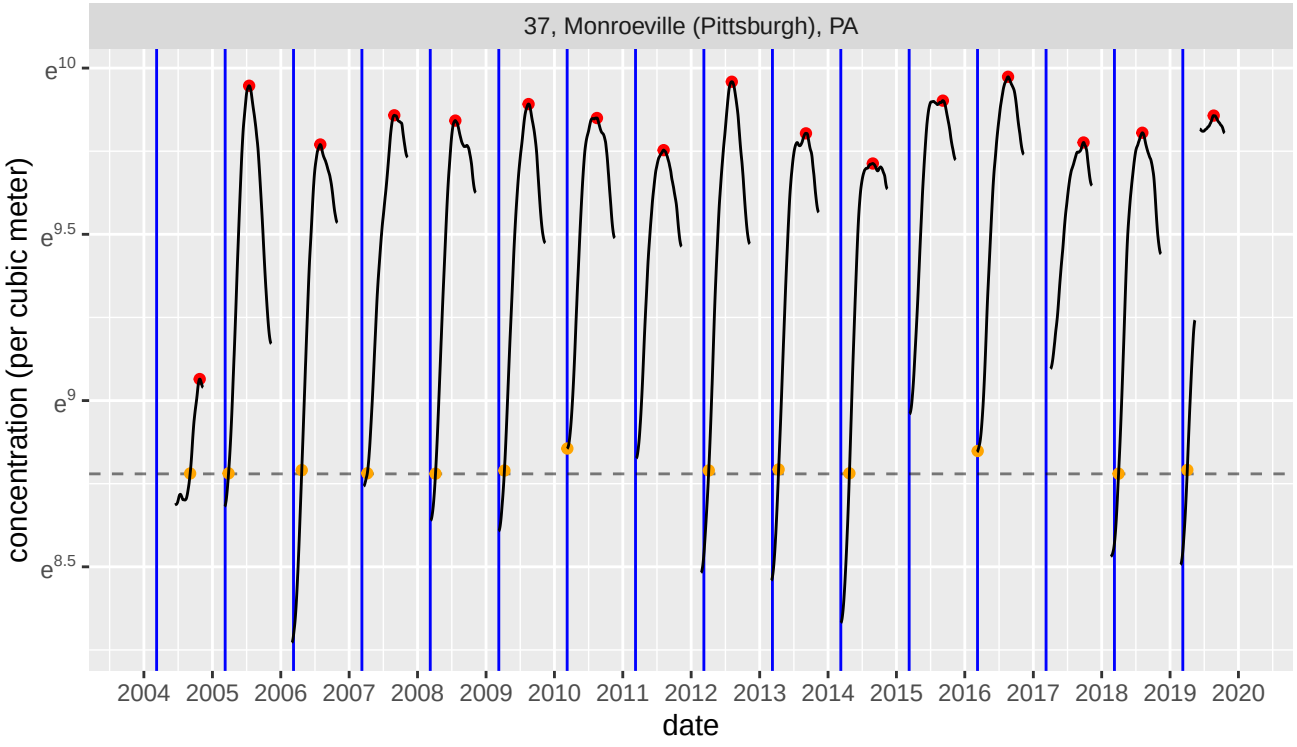

Data Completeness by Month
year
2018 46.8%
2017 52.3%
2016 54.2%
2015 52.1%
2014 50.7%
2013 55.1%
2012 48.8%
2011 33.2%
2010 54%
2009 52.1%
2008 53.7%
2007 56.2%
2006 47.9%
2005 50.1%
2004 51.2%
2003 25.2%
2002 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

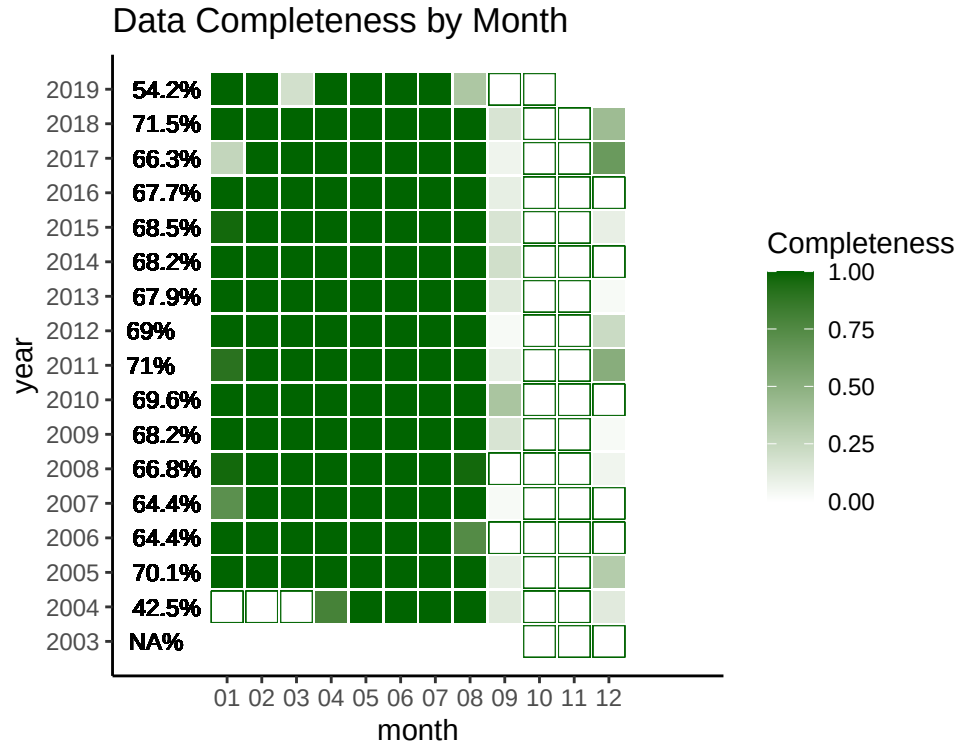

35, Tallahassee, FL
concentration (per cubic meter)
e^8.5
e^8
e^7.5
e^7
2003
2004
2005
2006
date

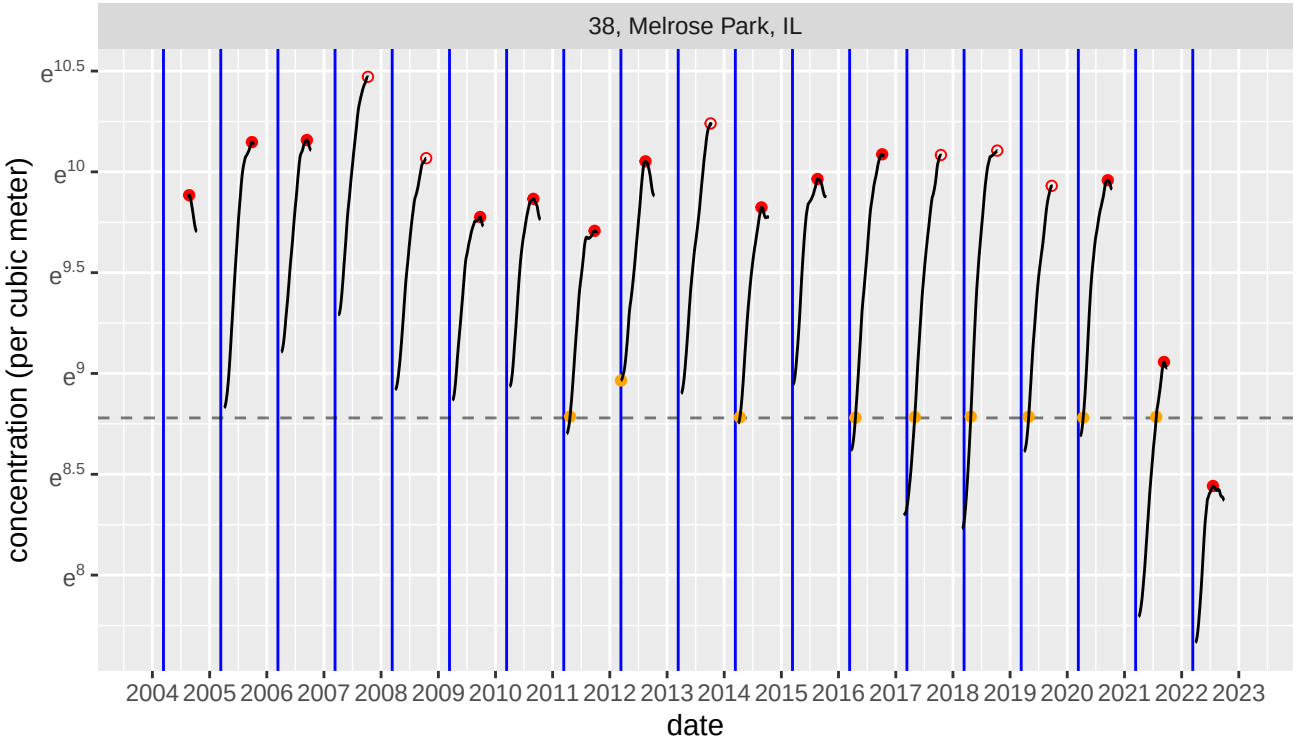

Data Completeness by Month
year
2005
2004
2003
2002
34.5%
79.7%
15.3%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

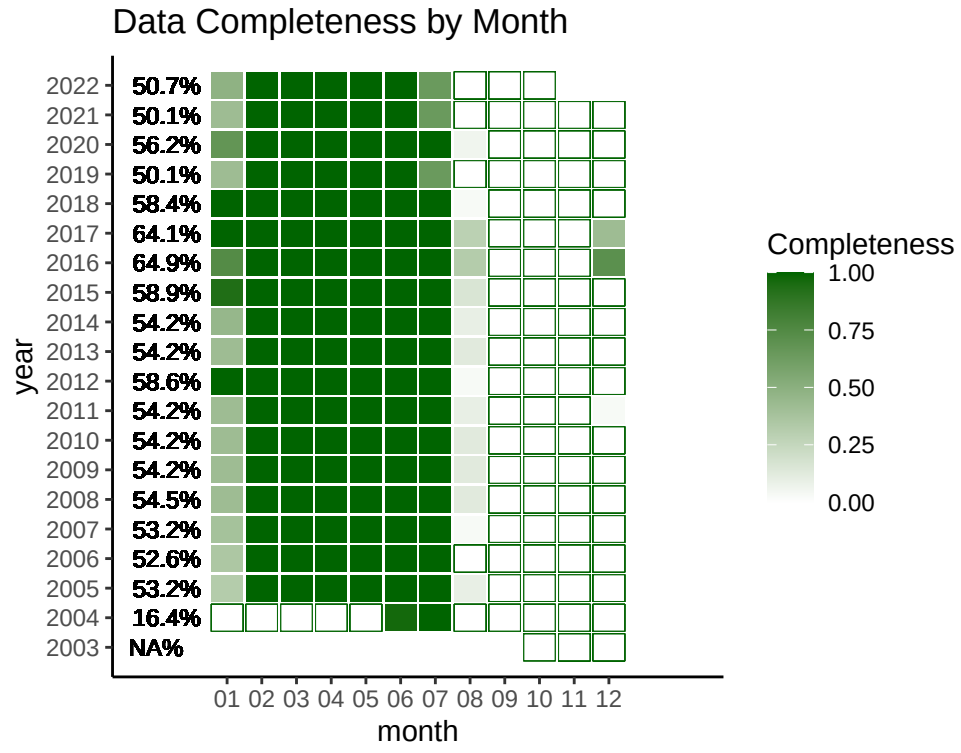

36, Chelmsford, MA
concentration (per cubic meter)
e8
e6
e4
e2
e0
2004
2005
2006
2007
date

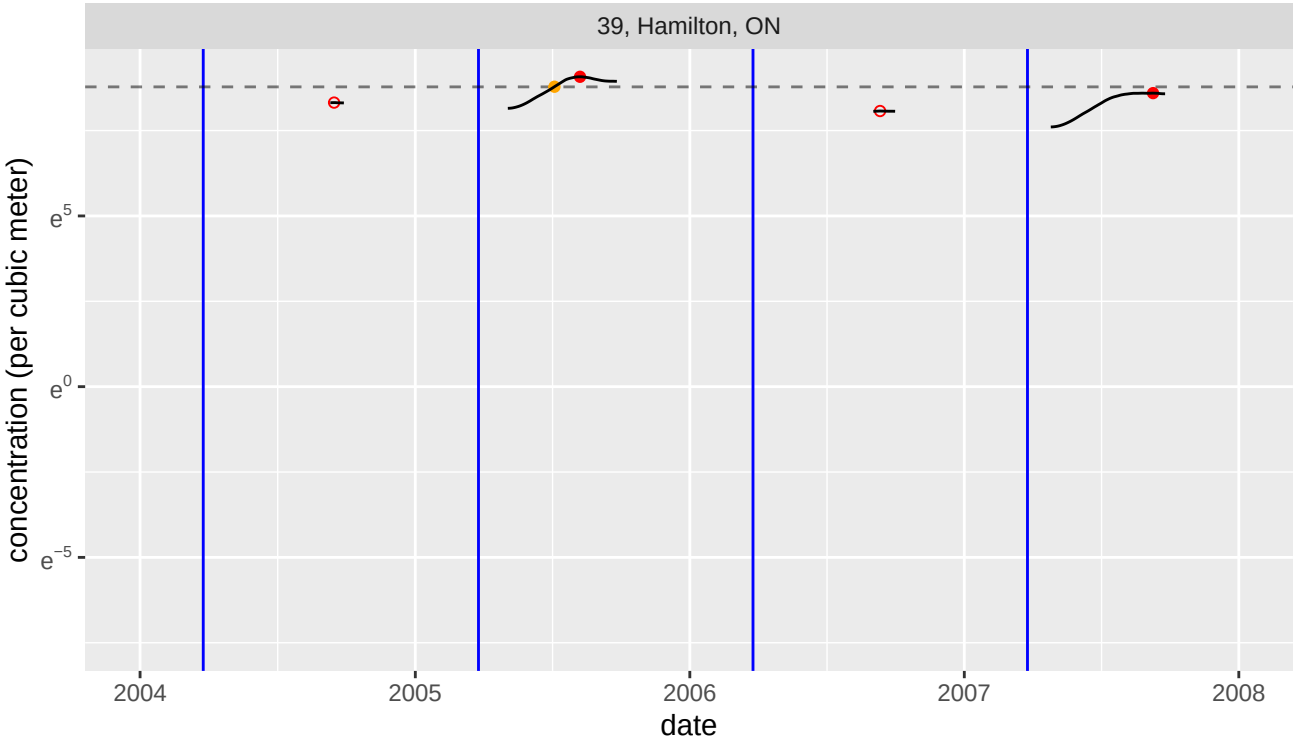

Data Completeness by Month
year
2006
2005
2004
2003
22.7%
47.4%
37%
0.3%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

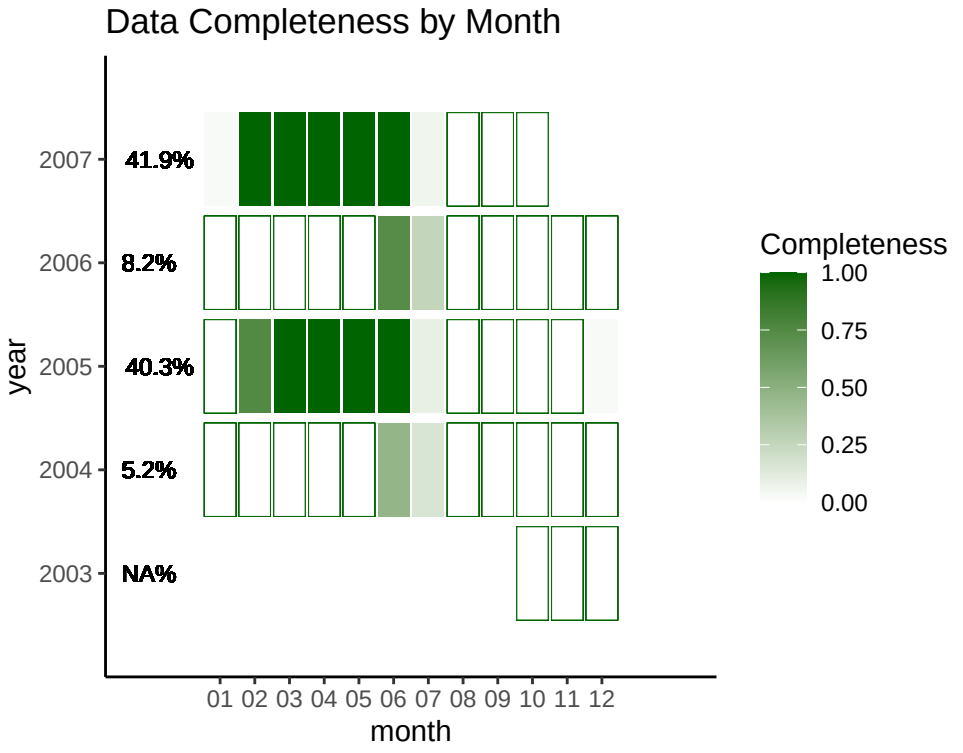

37, Monroeville (Pittsburgh), PA
concentration (per cubic meter)
e^10
e^9.5
e^9
e^8.5
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020
date

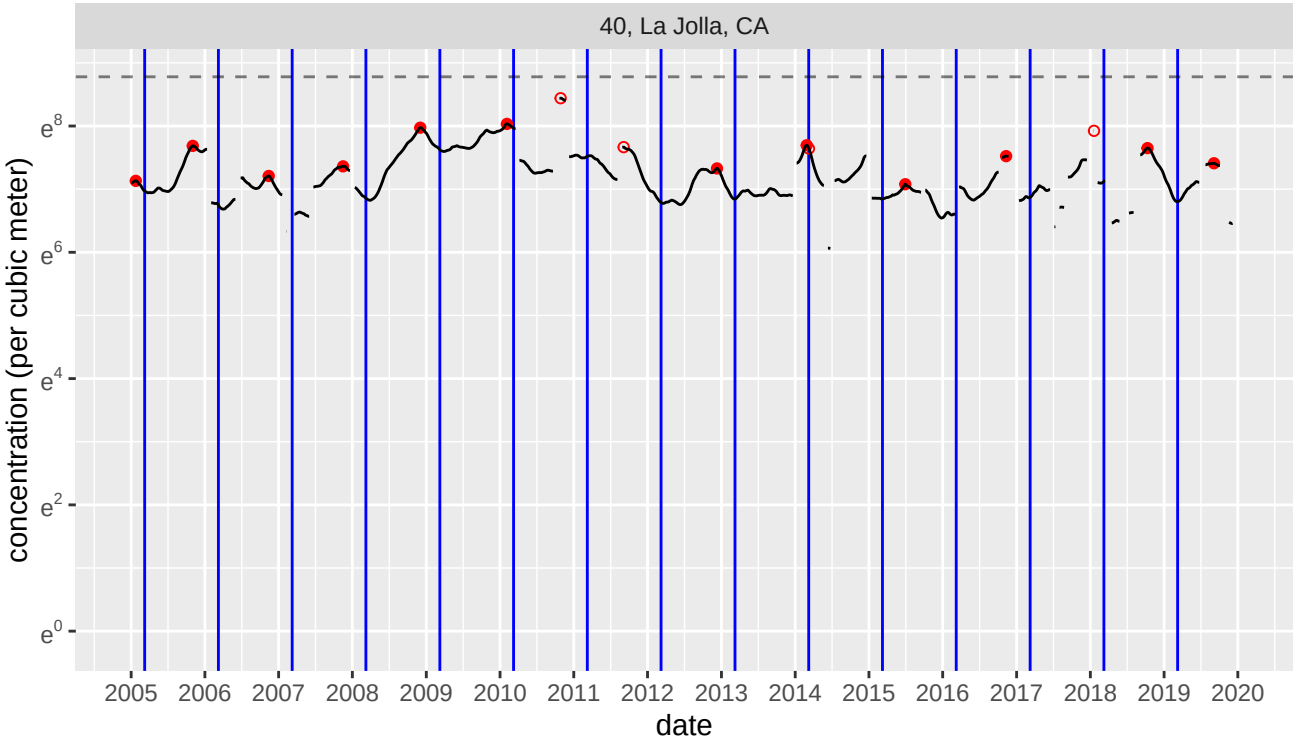

Data Completeness by Month
year
2019 54.2%
2018 71.5%
2017 66.3%
2016 67.7%
2015 68.5%
2014 68.2%
2013 67.9%
2012 69%
2011 71%
2010 69.6%
2009 68.2%
2008 66.8%
2007 64.4%
2006 64.4%
2005 70.1%
2004 42.5%
2003 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

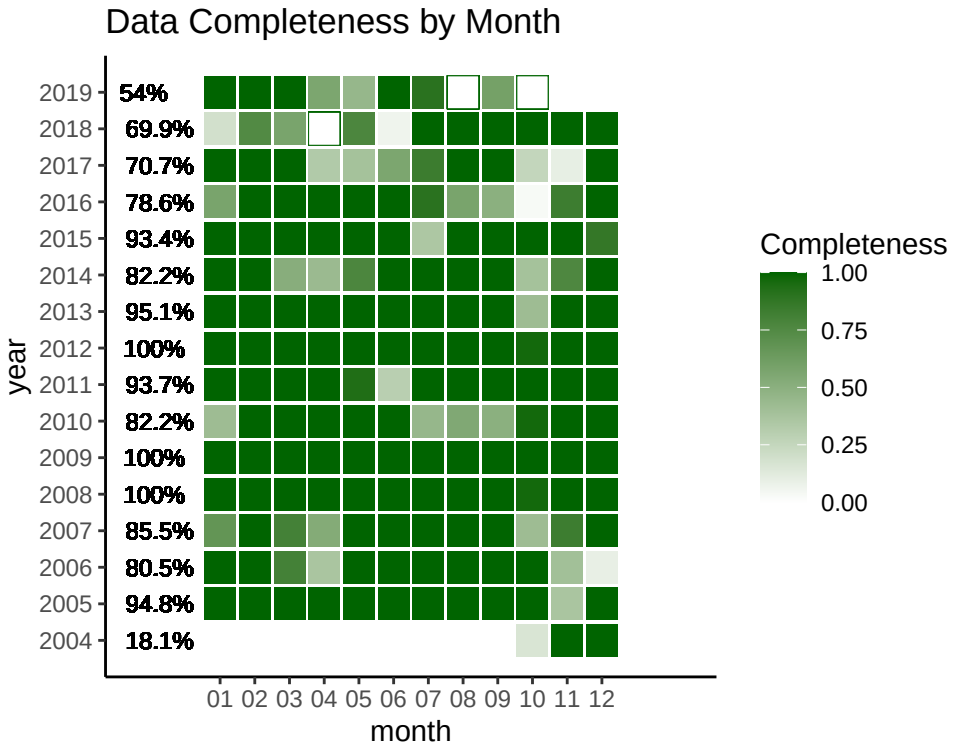

38, Melrose Park, IL
concentration (per cubic meter)
e^10.5
e^10
e^9.5
e^9
e^8.5
e^8
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

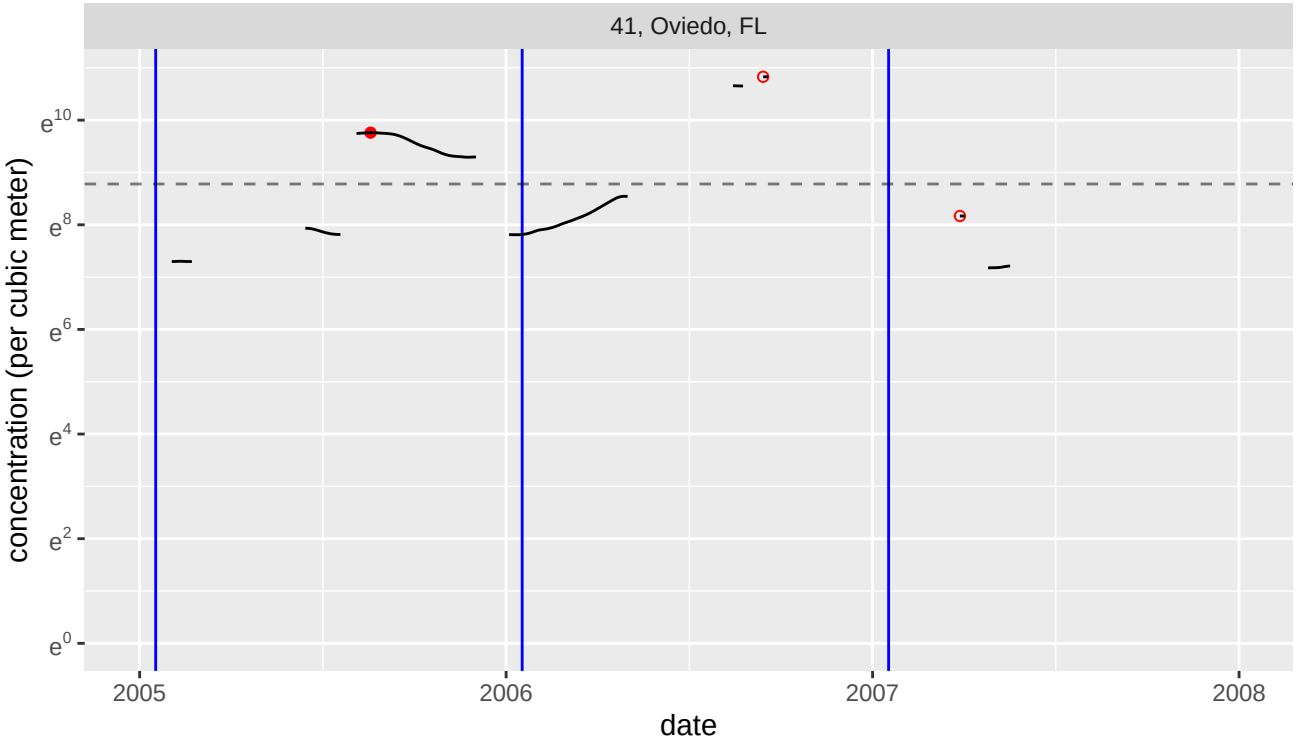

Data Completeness by Month
year
2022 50.7%
2021 50.1%
2020 56.2%
2019 50.1%
2018 58.4%
2017 64.1%
2016 64.9%
2015 58.9%
2014 54.2%
2013 54.2%
2012 58.6%
2011 54.2%
2010 54.2%
2009 54.2%
2008 54.5%
2007 53.2%
2006 52.6%
2005 53.2%
2004 16.4%
2003 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

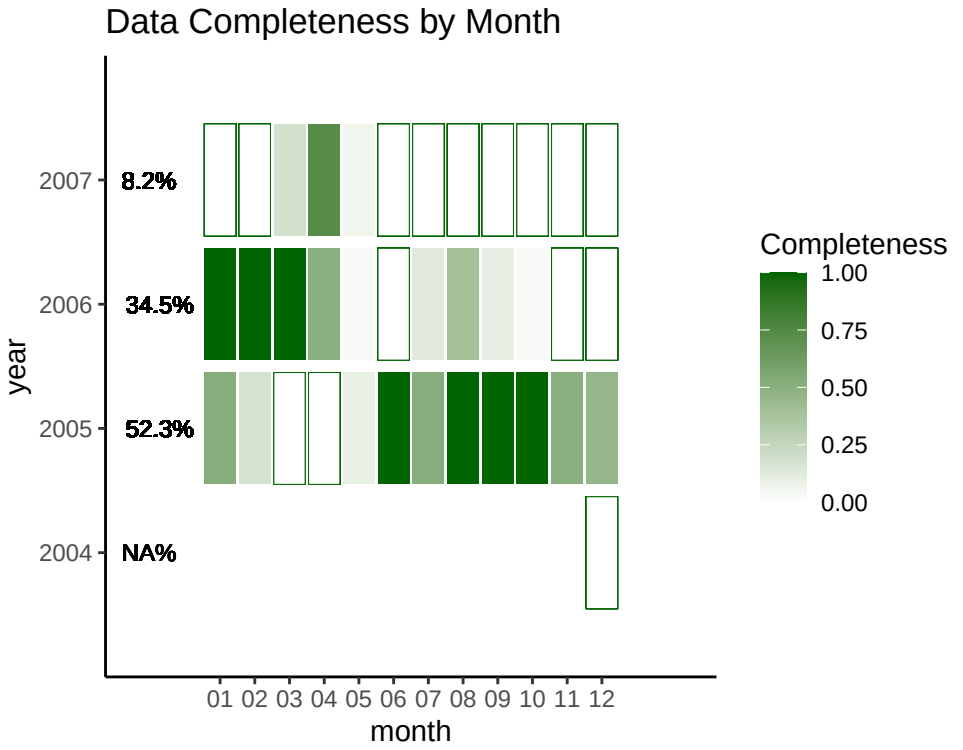

39, Hamilton, ON
concentration (per cubic meter)
e^5
e^0
e^{-5}
2004
2005
2006
2007
2008
date

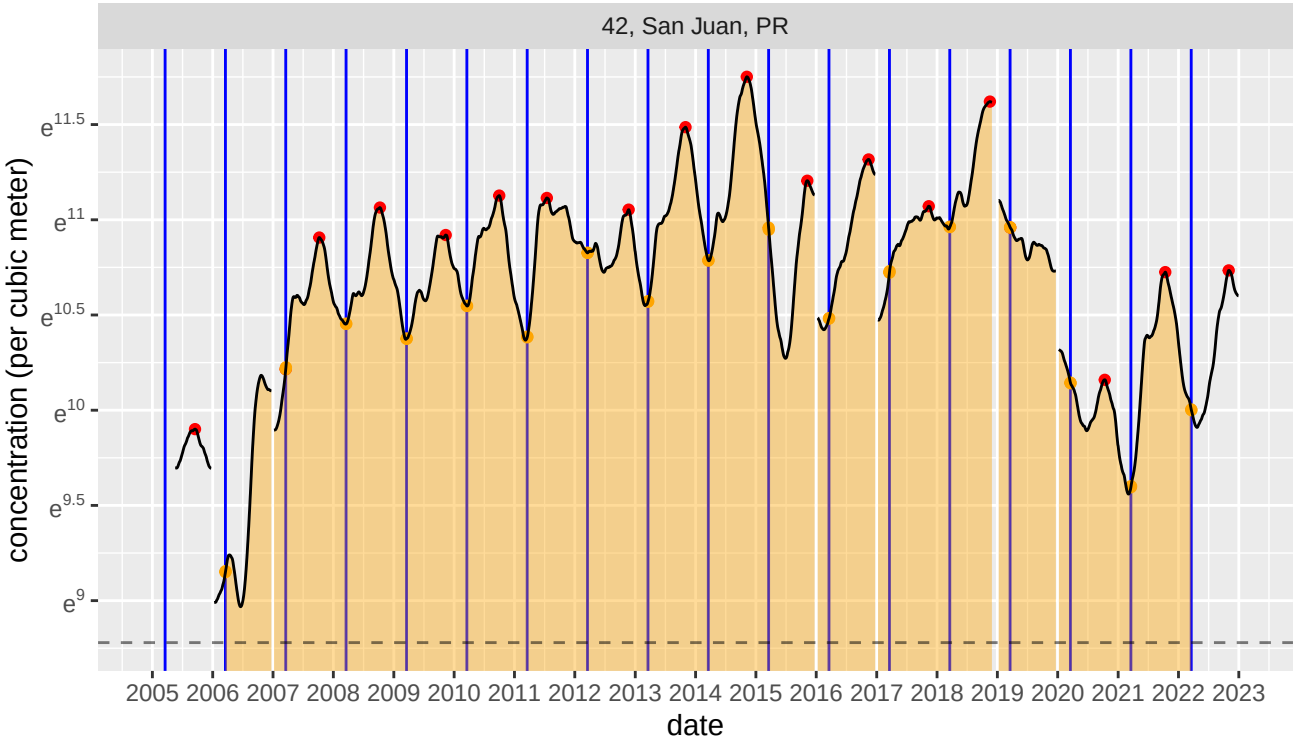

Data Completeness by Month
year
2007
2006
2005
2004
2003
41.9%
8.2%
40.3%
5.2%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

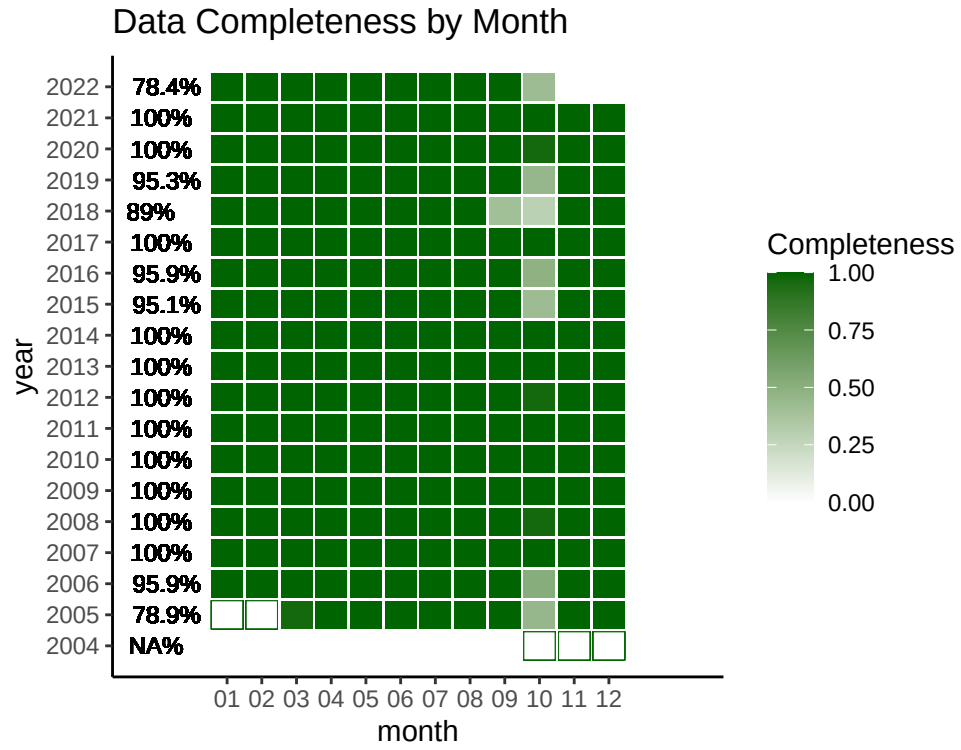

40, La Jolla, CA
concentration (per cubic meter)
e^8
e^6
e^4
e^2
e^0
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020
date

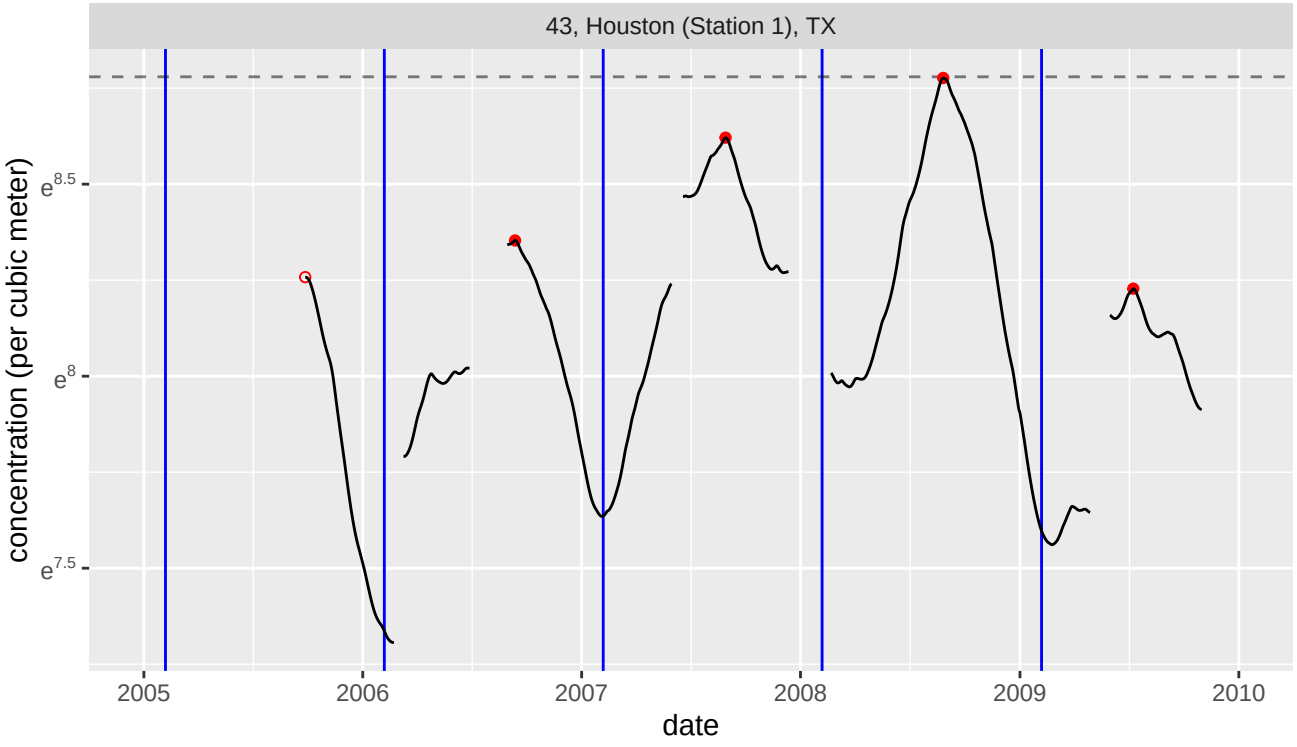

Data Completeness by Month
year
2019 54%
2018 69.9%
2017 70.7%
2016 78.6%
2015 93.4%
2014 82.2%
2013 95.1%
2012 100%
2011 93.7%
2010 82.2%
2009 100%
2008 100%
2007 85.5%
2006 80.5%
2005 94.8%
2004 18.1%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

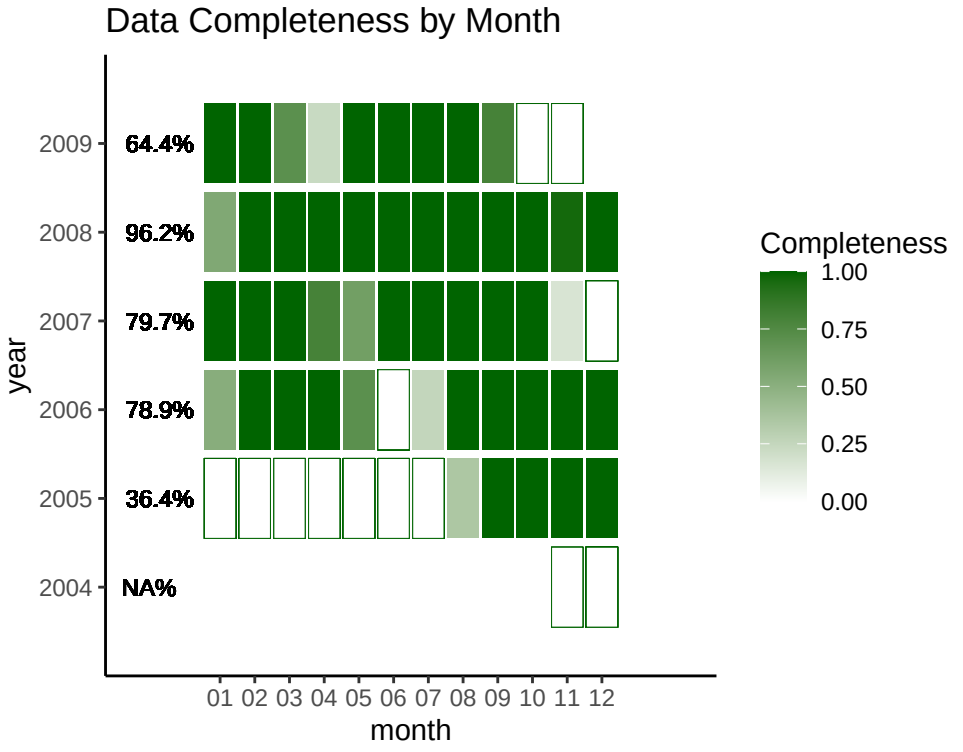

41, Oviedo, FL
concentration (per cubic meter)
e10
e8
e6
e4
e2
e0
2005
2006
2007
2008
date

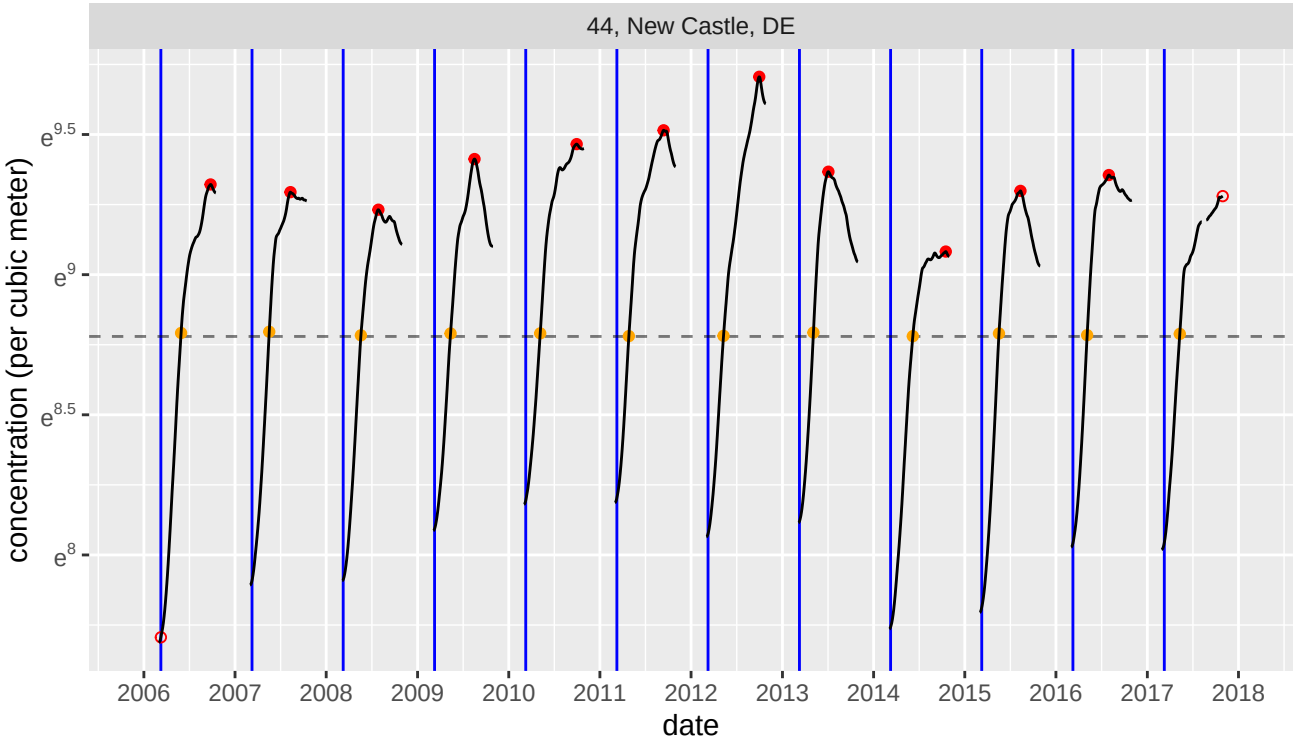

Data Completeness by Month
year
2007
2006
2005
2004
8.2%
34.5%
52.3%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

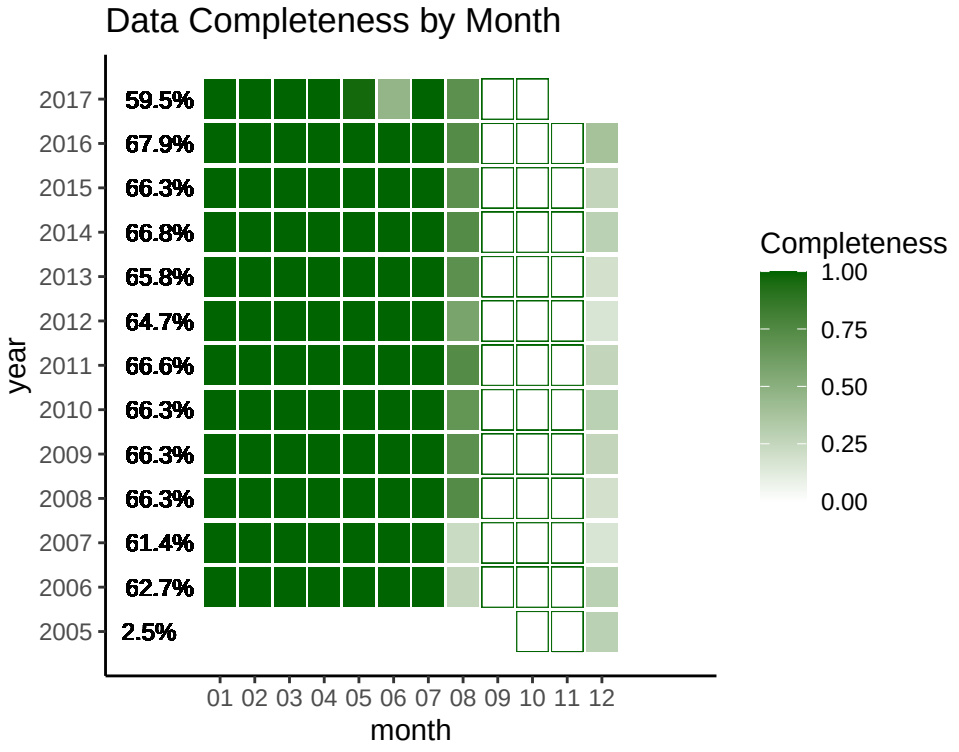

42, San Juan, PR
concentration (per cubic meter)
e^11.5
e^11
e^10.5
e^10
e^9.5
e^9
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

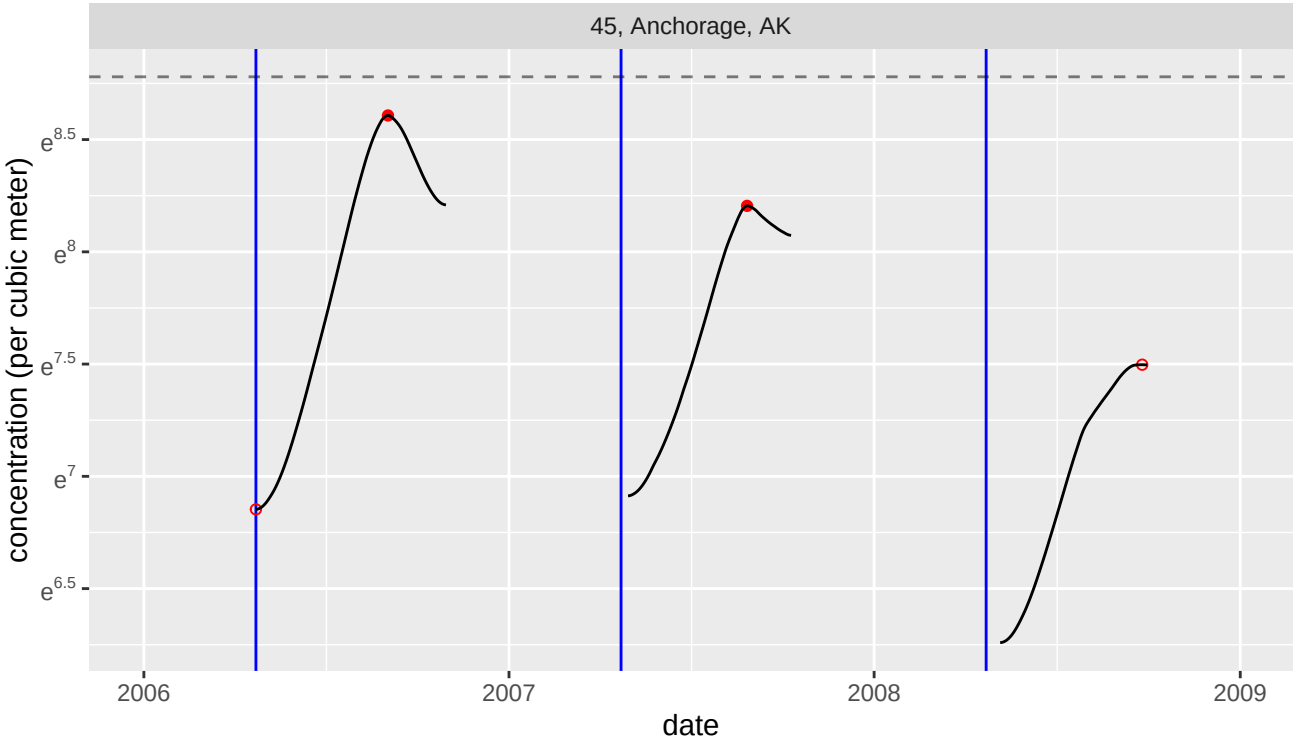

Data Completeness by Month
year
2022 78.4%
2021 100%
2020 100%
2019 95.3%
2018 89%
2017 100%
2016 95.9%
2015 95.1%
2014 100%
2013 100%
2012 100%
2011 100%
2010 100%
2009 100%
2008 100%
2007 100%
2006 95.9%
2005 78.9%
2004 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

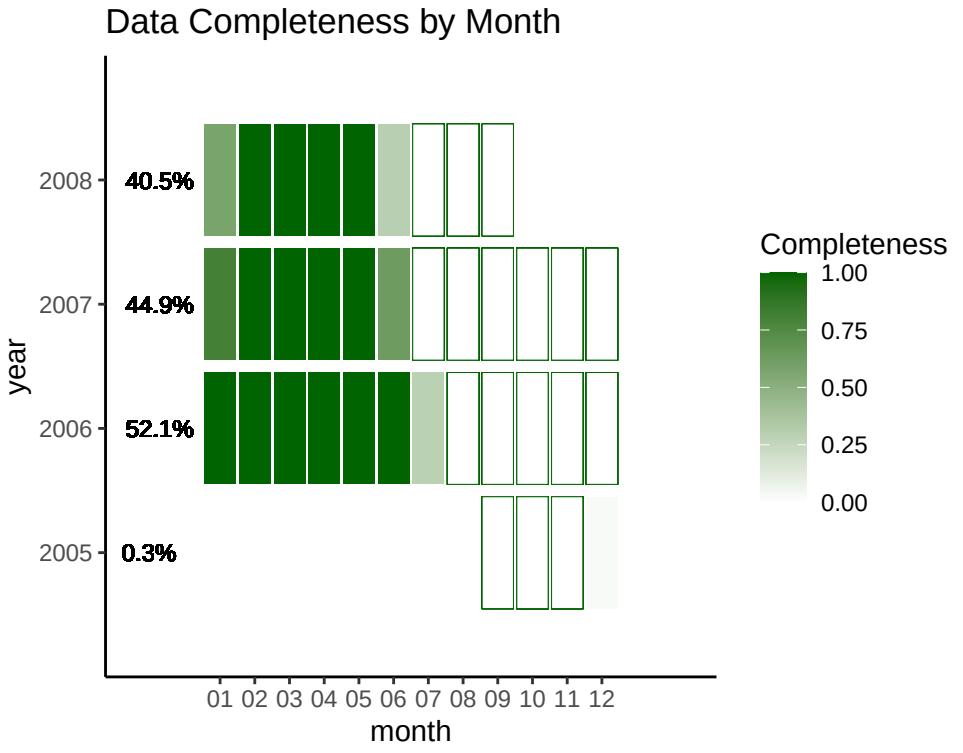

43, Houston (Station 1), TX
concentration (per cubic meter)
e^8.5
e^8
e^7.5
2005
2006
2007
2008
2009
2010
date

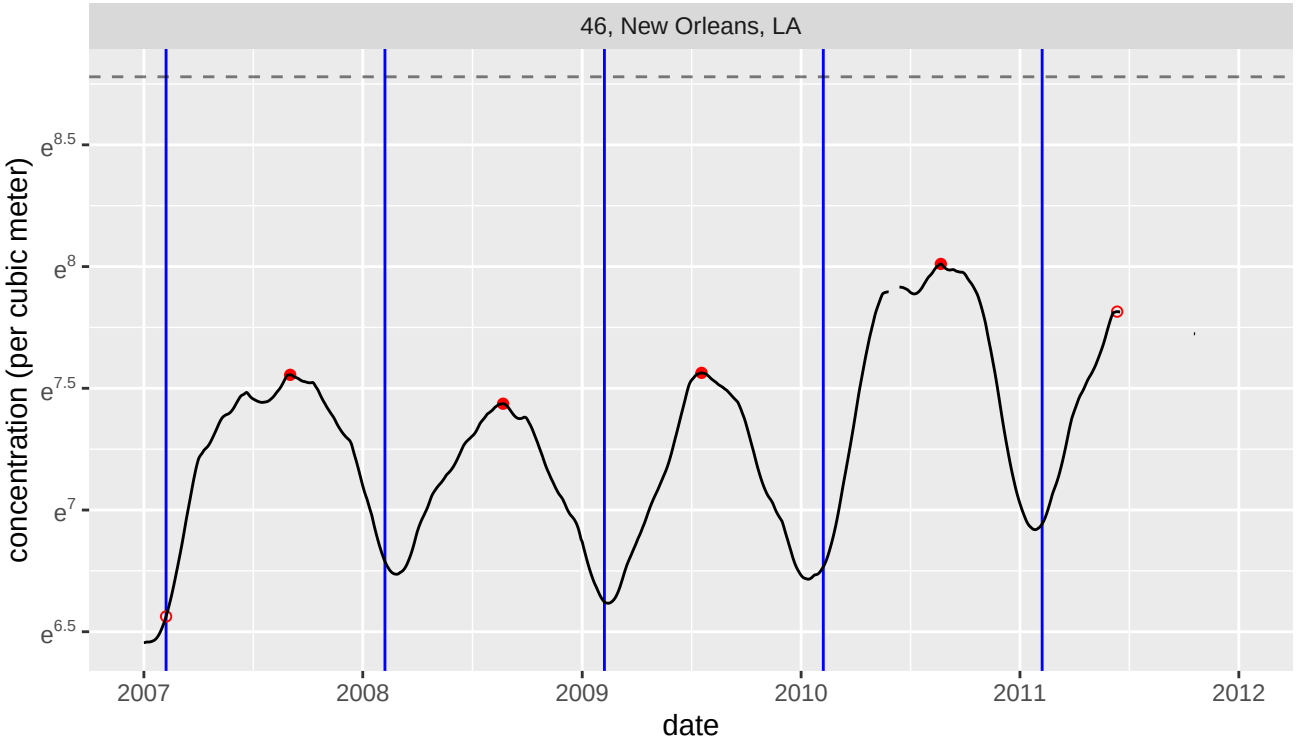

Data Completeness by Month
year
2009
2008
2007
2006
2005
2004
64.4%
96.2%
79.7%
78.9%
36.4%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

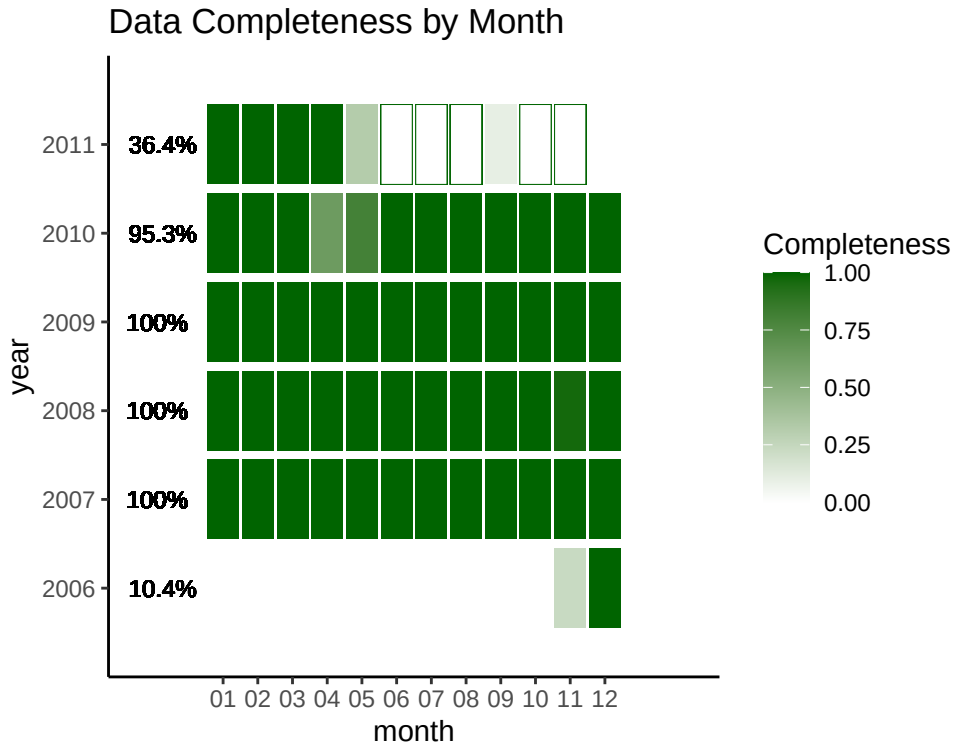

44, New Castle, DE
concentration (per cubic meter)
e^9.5
e^9
e^8.5
e^8
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
date

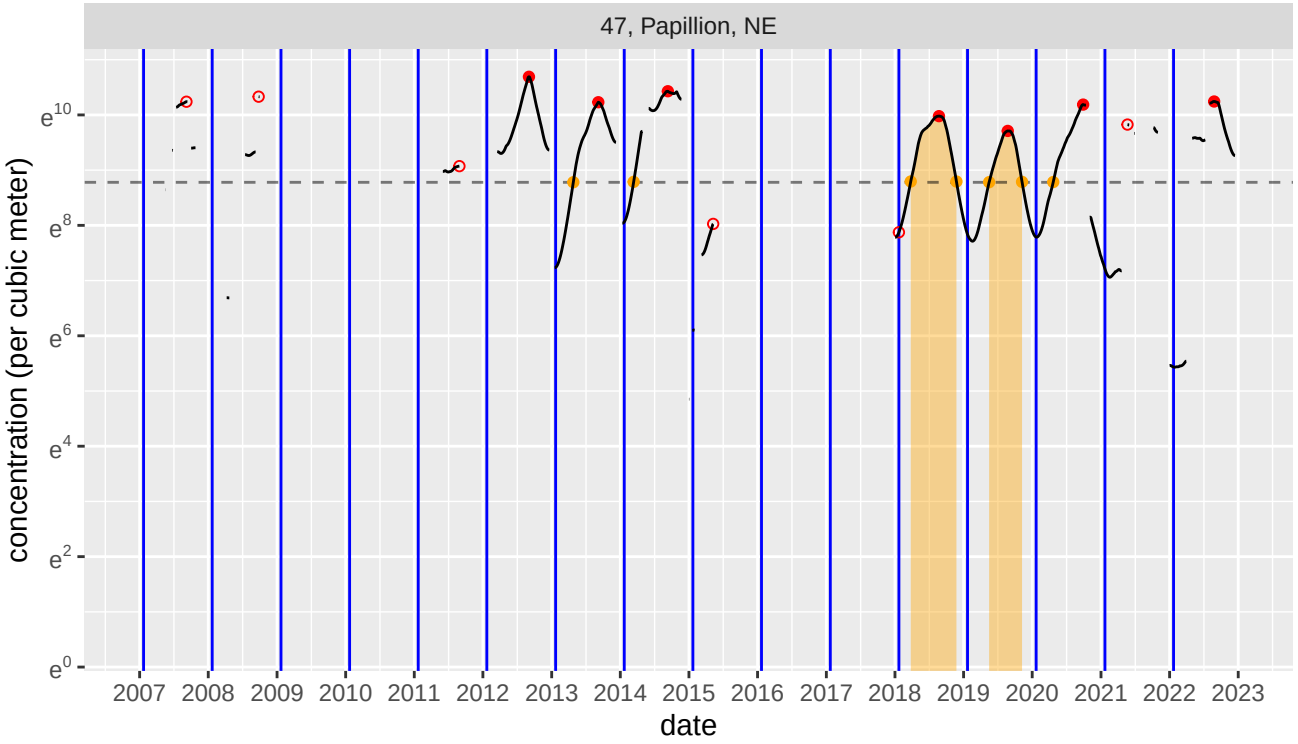

Data Completeness by Month
year
2017 59.5%
2016 67.9%
2015 66.3%
2014 66.8%
2013 65.8%
2012 64.7%
2011 66.6%
2010 66.3%
2009 66.3%
2008 66.3%
2007 61.4%
2006 62.7%
2005 2.5%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

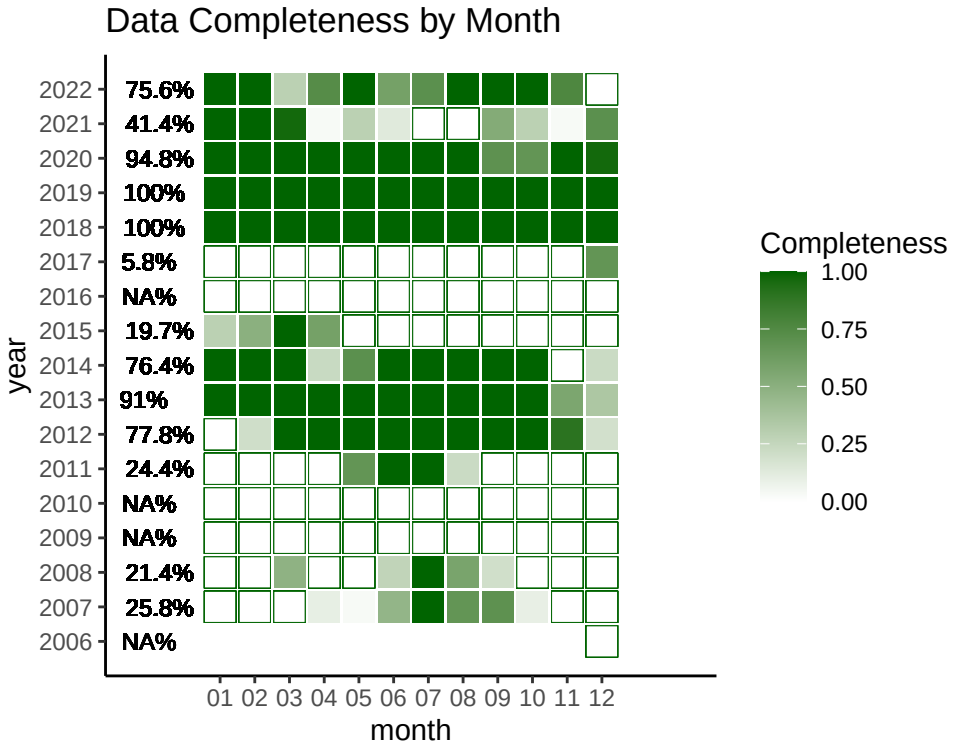

45, Anchorage, AK
concentration (per cubic meter)
e^8.5
e^8
e^7.5
e^7
e^6.5
2006
2007
2008
2009
date

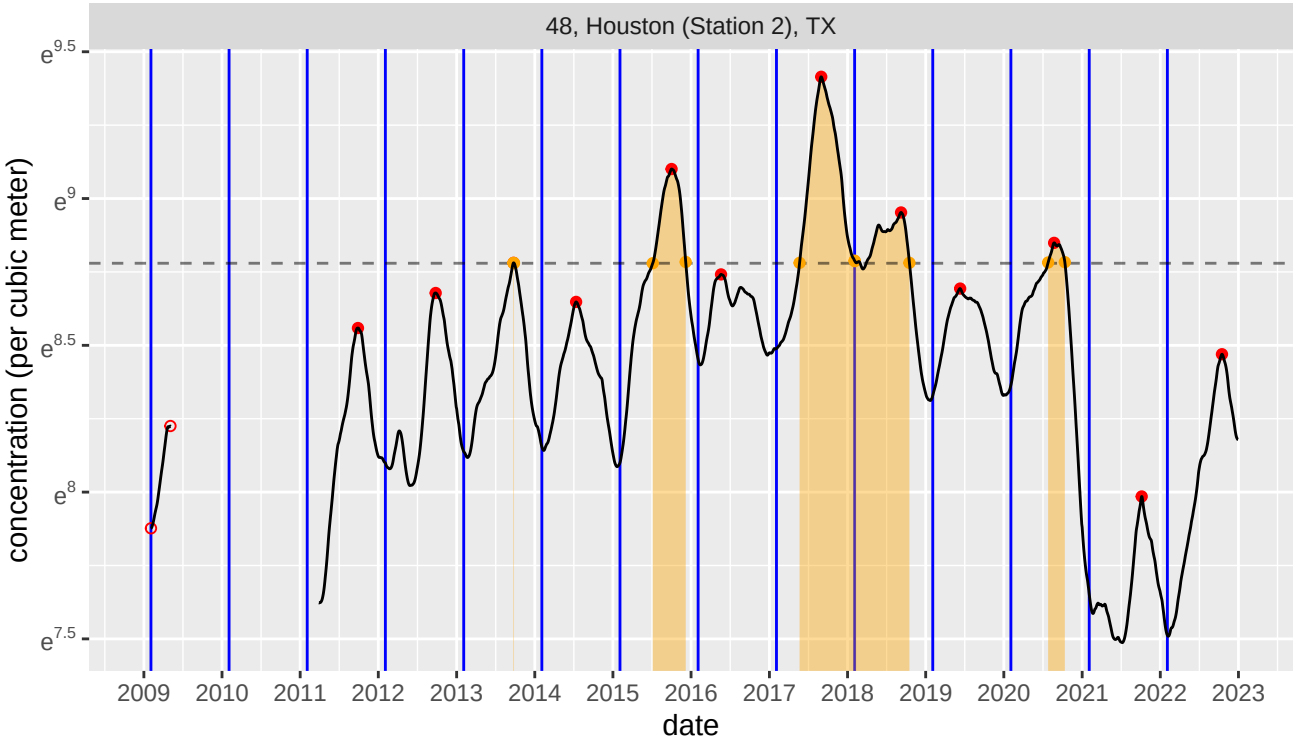

Data Completeness by Month
year
2008
2007
2006
2005
40.5%
44.9%
52.1%
0.3%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

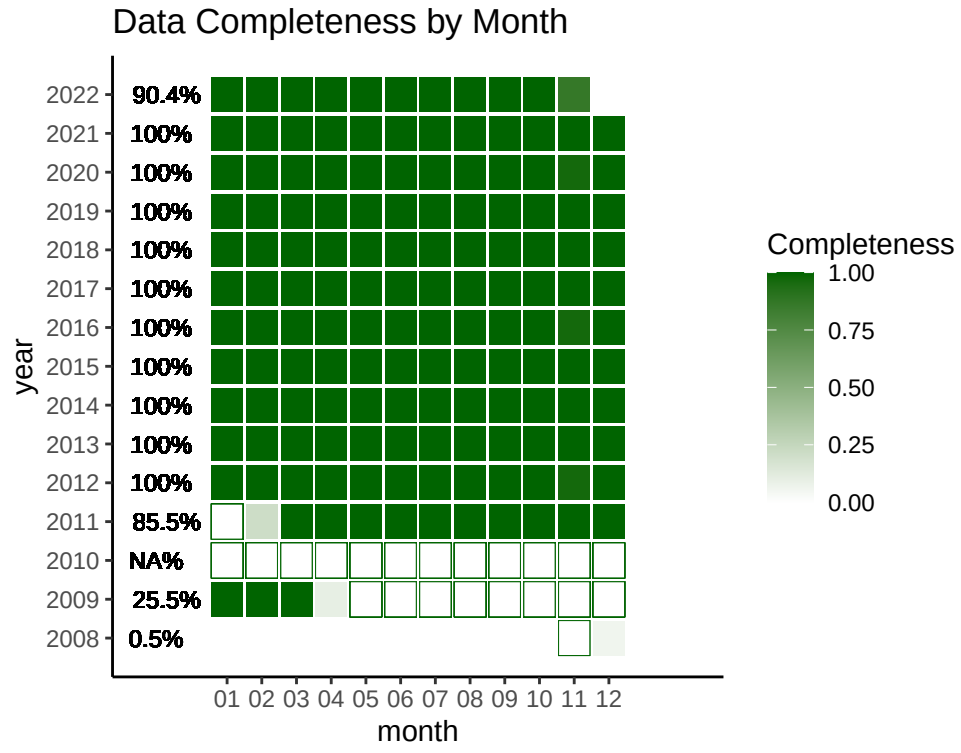

46, New Orleans, LA
concentration (per cubic meter)
e^8.5
e^8
e^7.5
e^7
e^6.5
2007
2008
2009
2010
2011
2012
date

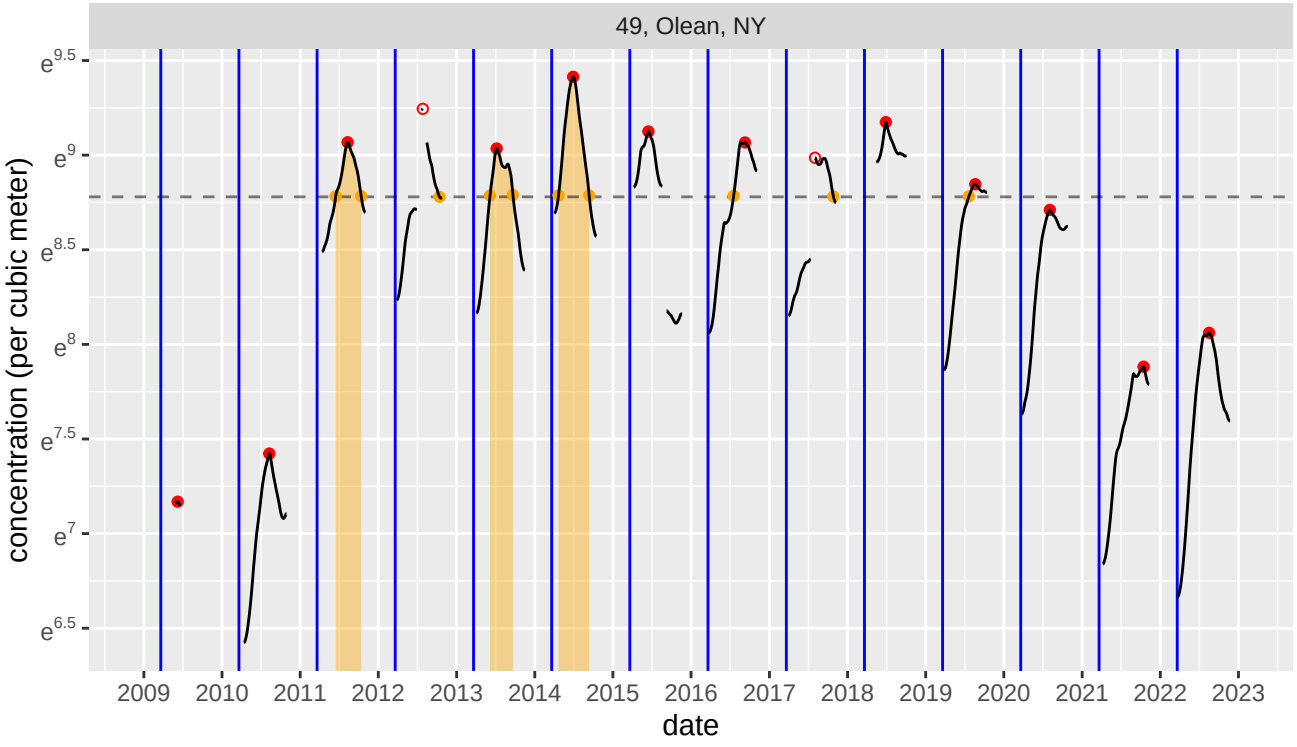

Data Completeness by Month
year
2011
2010
2009
2008
2007
2006
36.4%
95.3%
100%
100%
100%
10.4%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

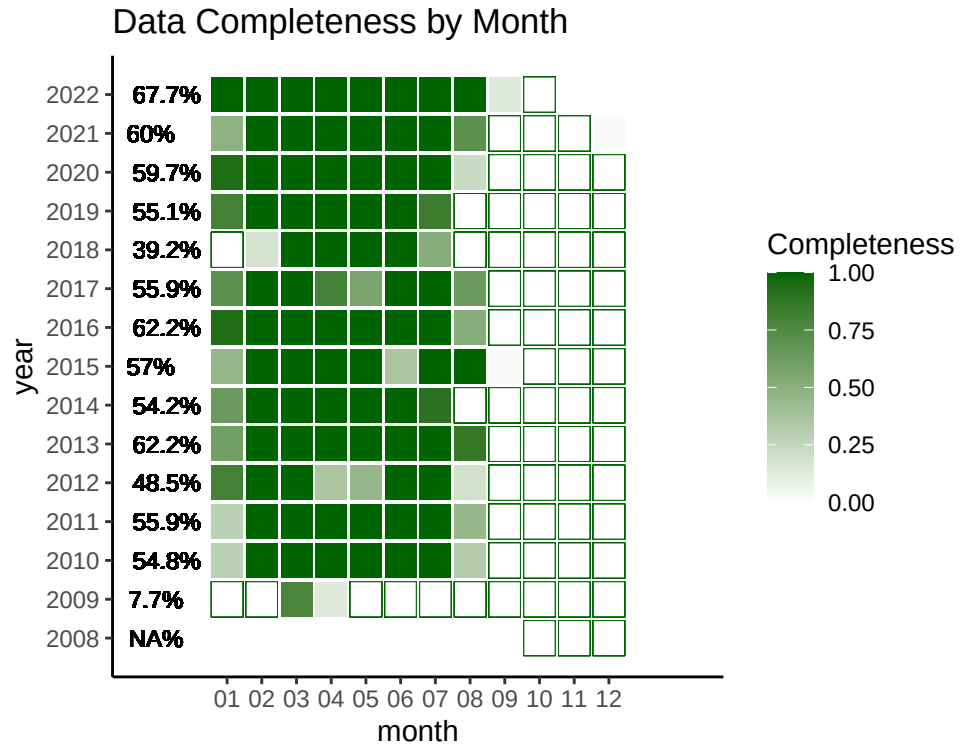

47, Papillion, NE
concentration (per cubic meter)
e^{10}
e^{8}
e^{6}
e^{4}
e^{2}
e^{0}
2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

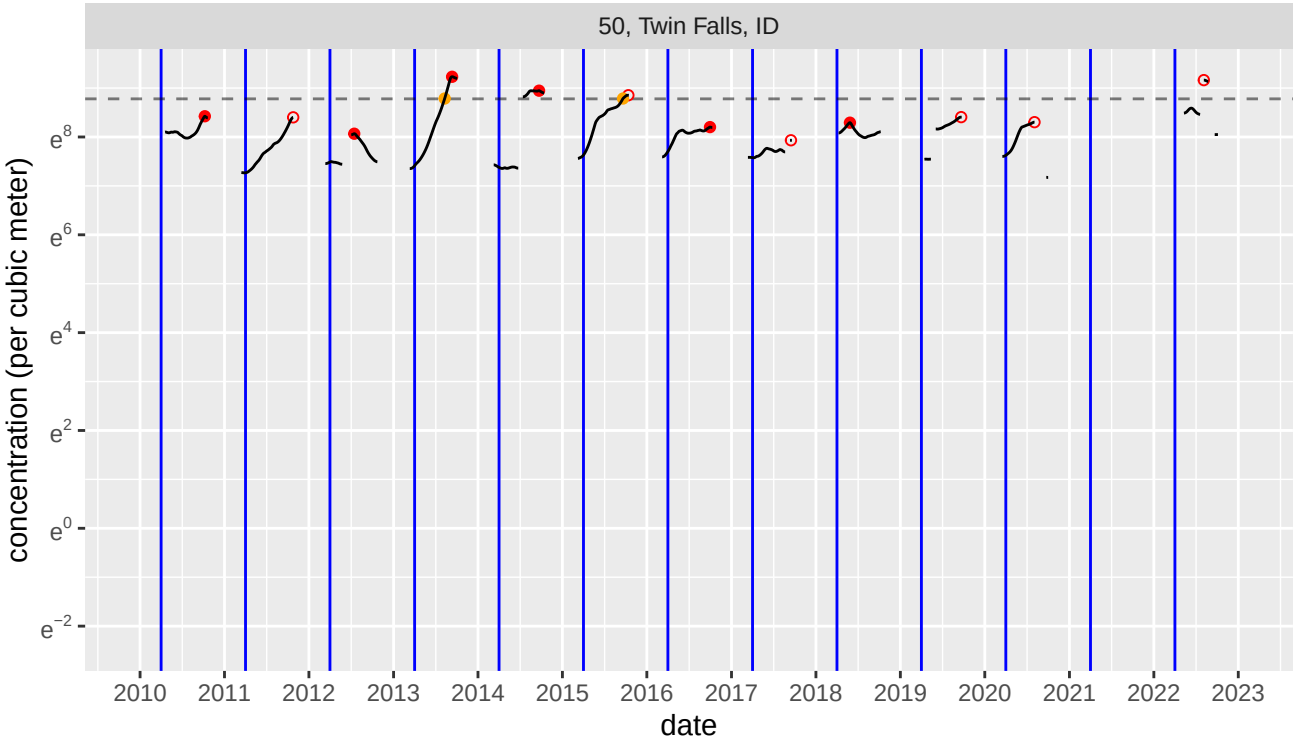

Data Completeness by Month
year
2022 75.6%
2021 41.4%
2020 94.8%
2019 100%
2018 100%
2017 5.8%
2016 NA%
2015 19.7%
2014 76.4%
2013 91%
2012 77.8%
2011 24.4%
2010 NA%
2009 NA%
2008 21.4%
2007 25.8%
2006 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

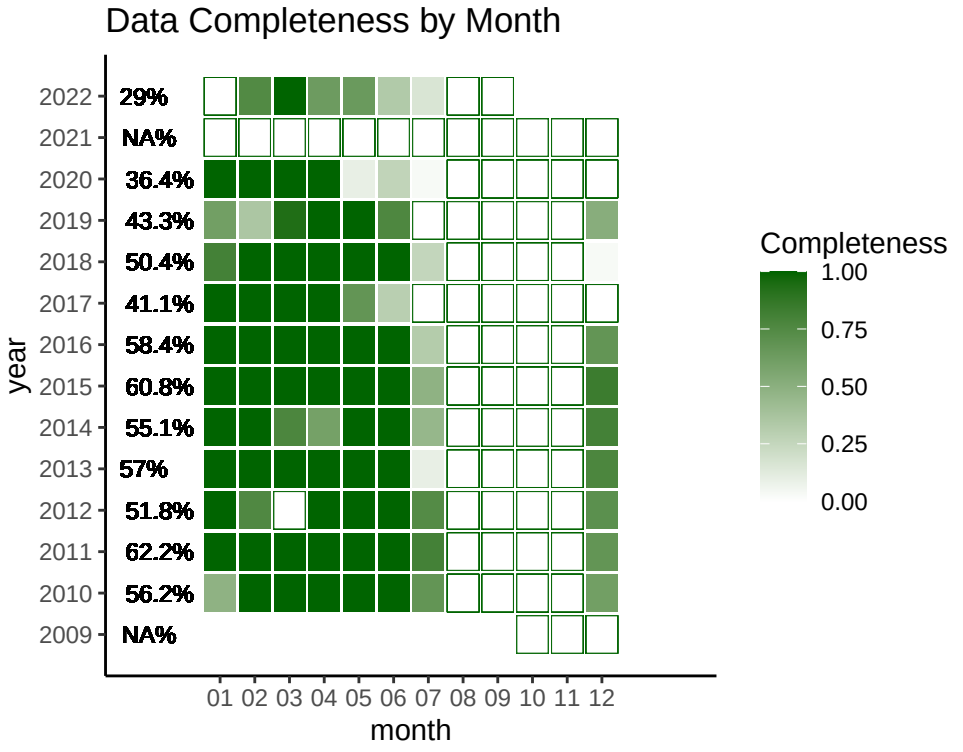

48, Houston (Station 2), TX
concentration (per cubic meter)
e^9.5
e^9
e^8.5
e^8
e^7.5
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
date

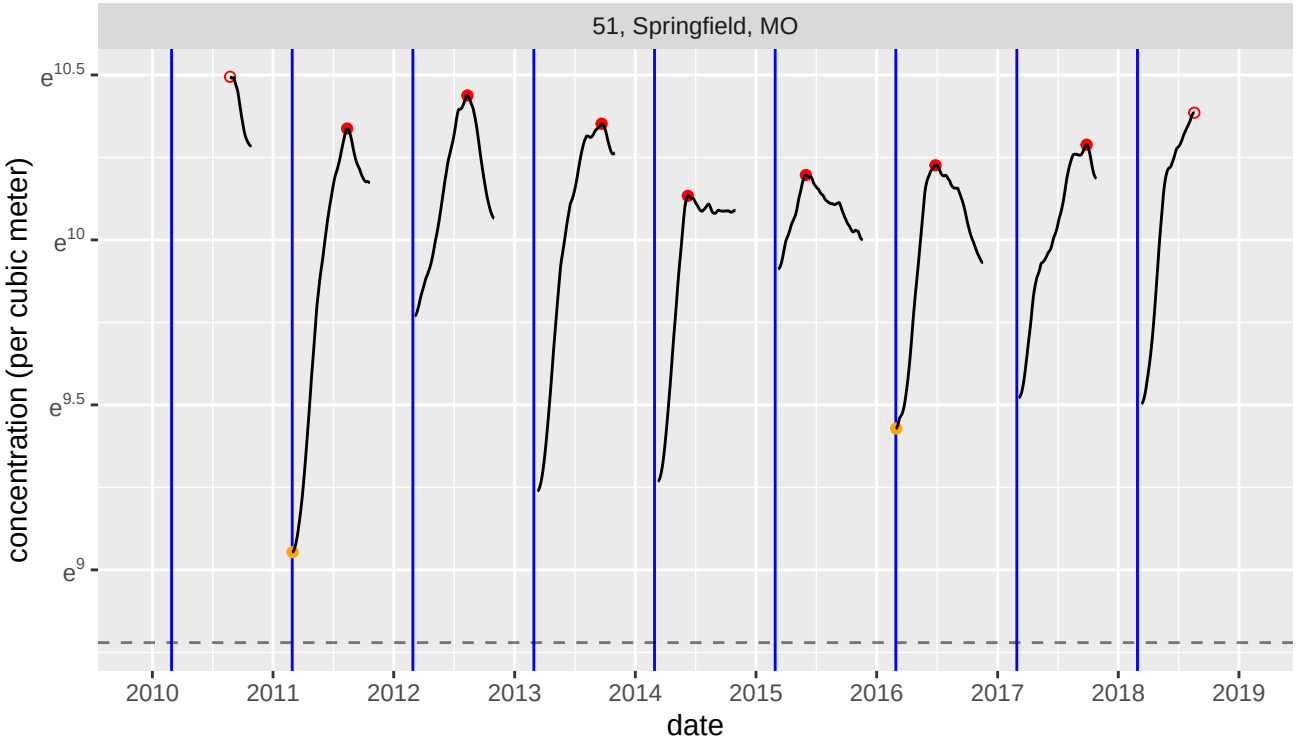

Data Completeness by Month
year
2022 90.4%
2021 100%
2020 100%
2019 100%
2018 100%
2017 100%
2016 100%
2015 100%
2014 100%
2013 100%
2012 100%
2011 85.5%
2010 NA%
2009 25.5%
2008 0.5%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

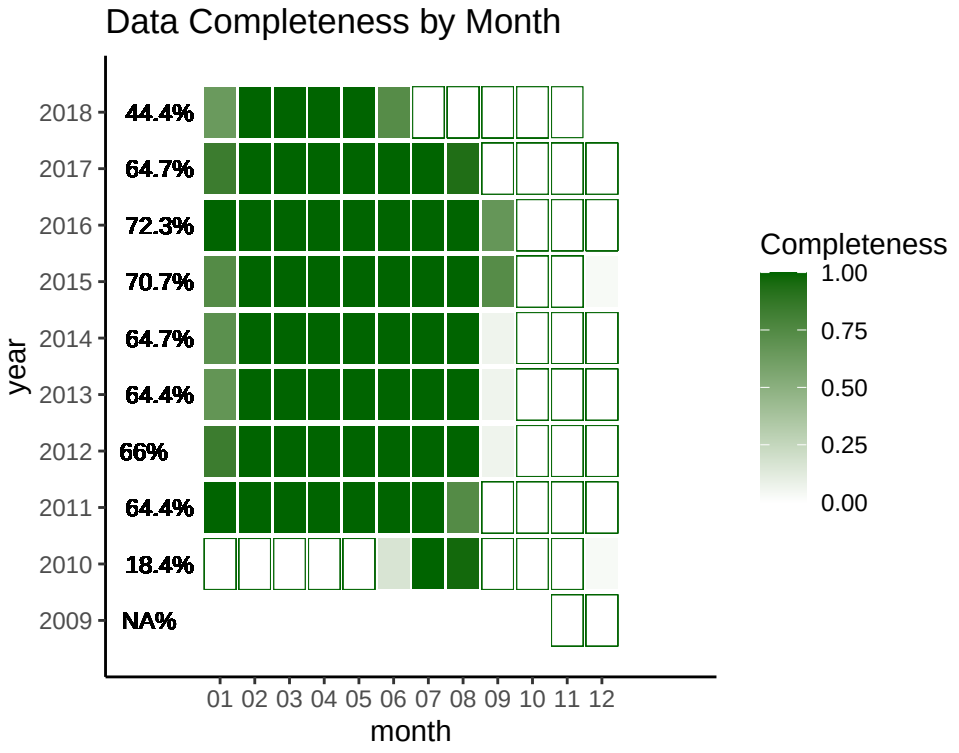

49, Olean, NY
concentration (per cubic meter)
e^9.5
e^9
e^8.5
e^8
e^7.5
e^7
e^6.5
2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

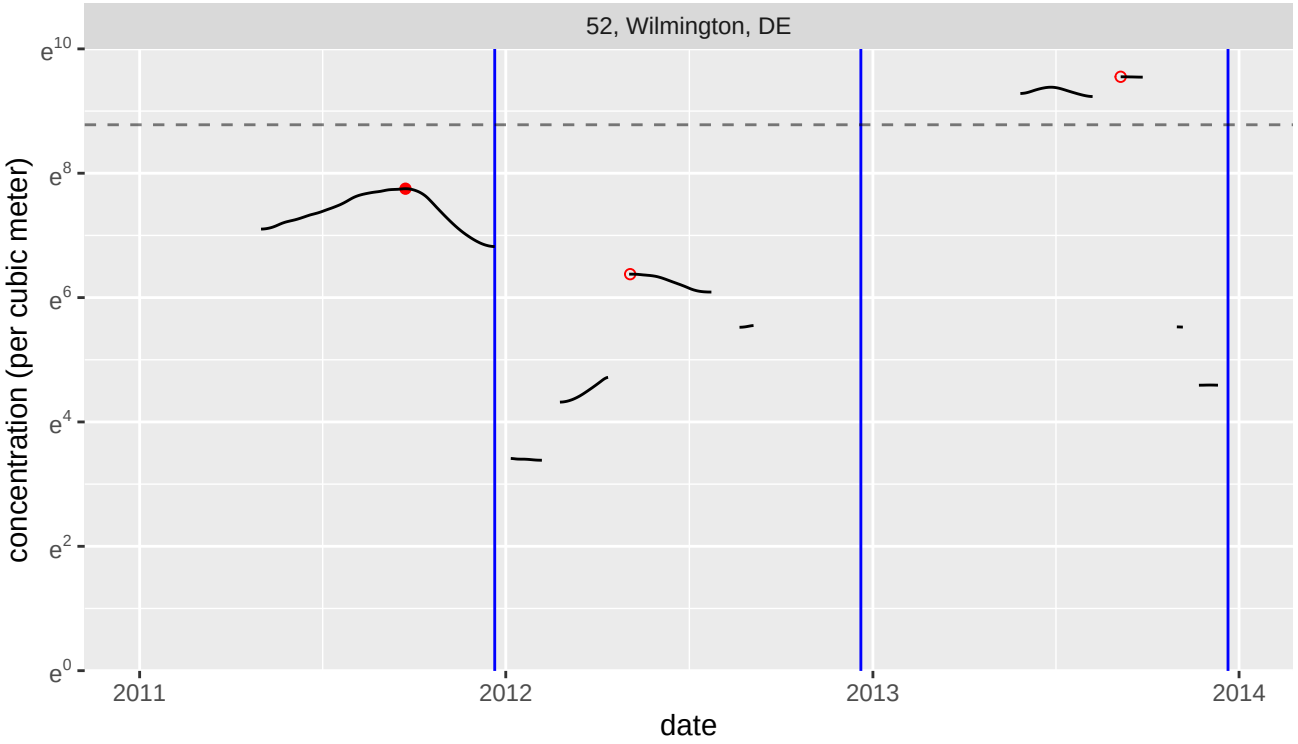

Data Completeness by Month
year
2022 67.7%
2021 60%
2020 59.7%
2019 55.1%
2018 39.2%
2017 55.9%
2016 62.2%
2015 57%
2014 54.2%
2013 62.2%
2012 48.5%
2011 55.9%
2010 54.8%
2009 7.7%
2008 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

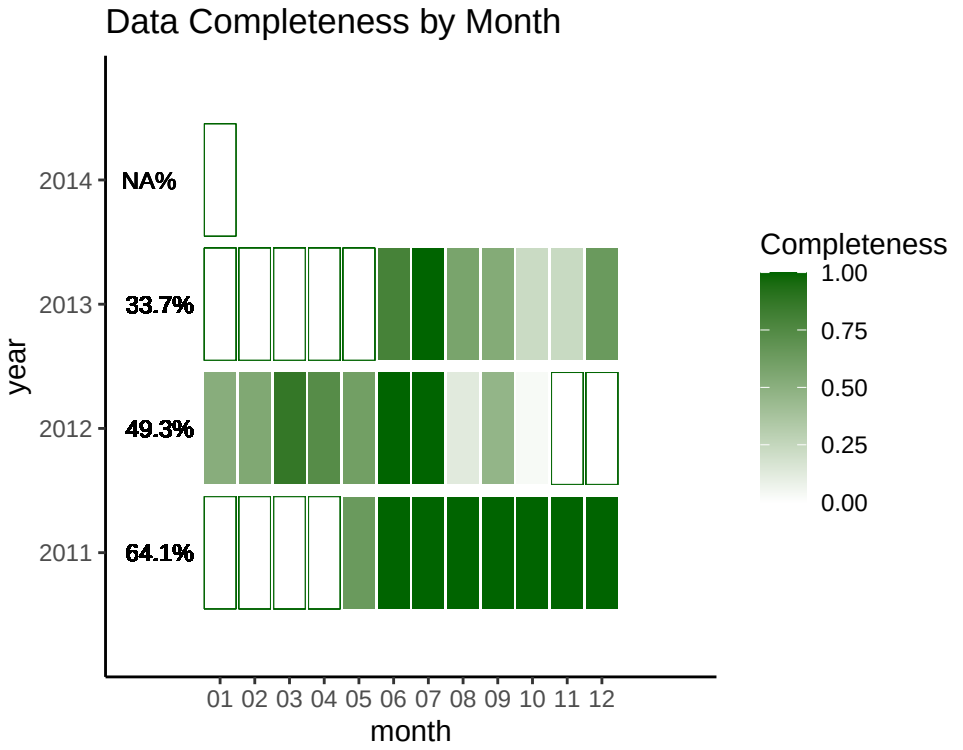

50, Twin Falls, ID
concentration (per cubic meter)
e^8
e^6
e^4
e^2
e^0
e^{-2}
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
date

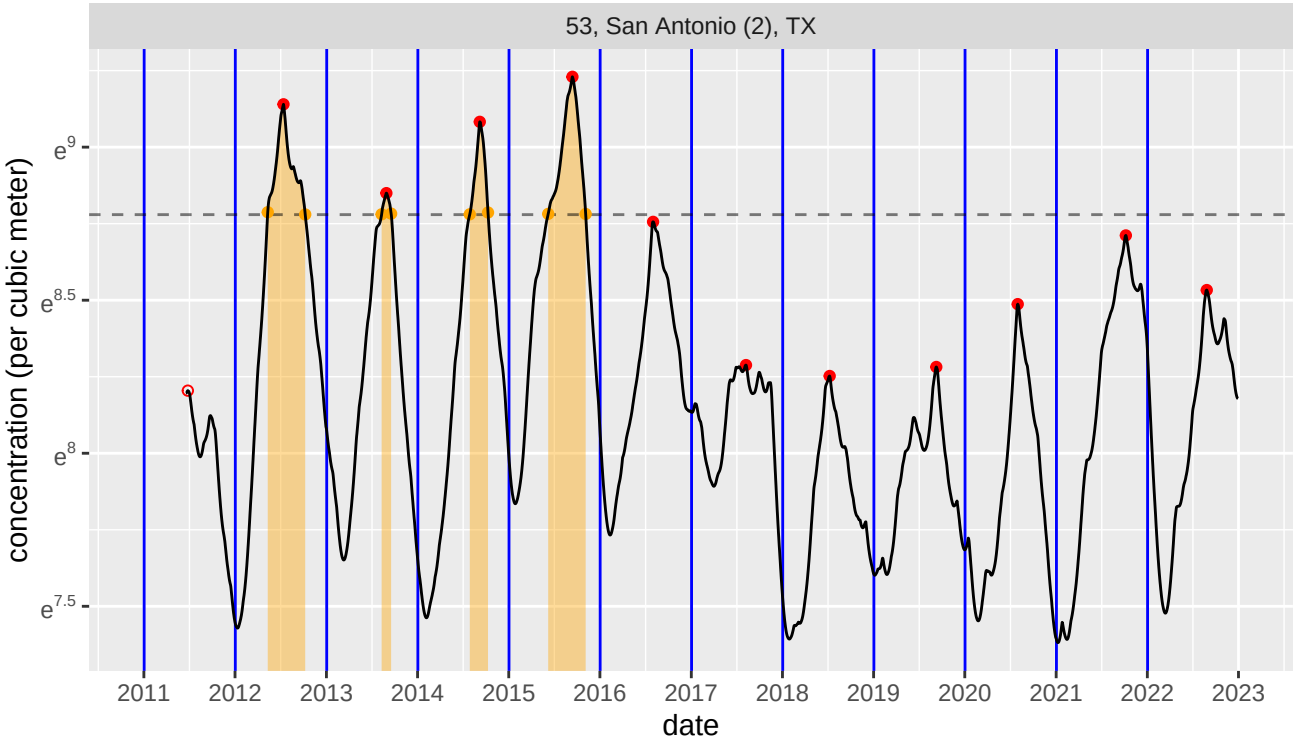

Data Completeness by Month
year
2022 29%
2021 NA%
2020 36.4%
2019 43.3%
2018 50.4%
2017 41.1%
2016 58.4%
2015 60.8%
2014 55.1%
2013 57%
2012 51.8%
2011 62.2%
2010 56.2%
2009 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

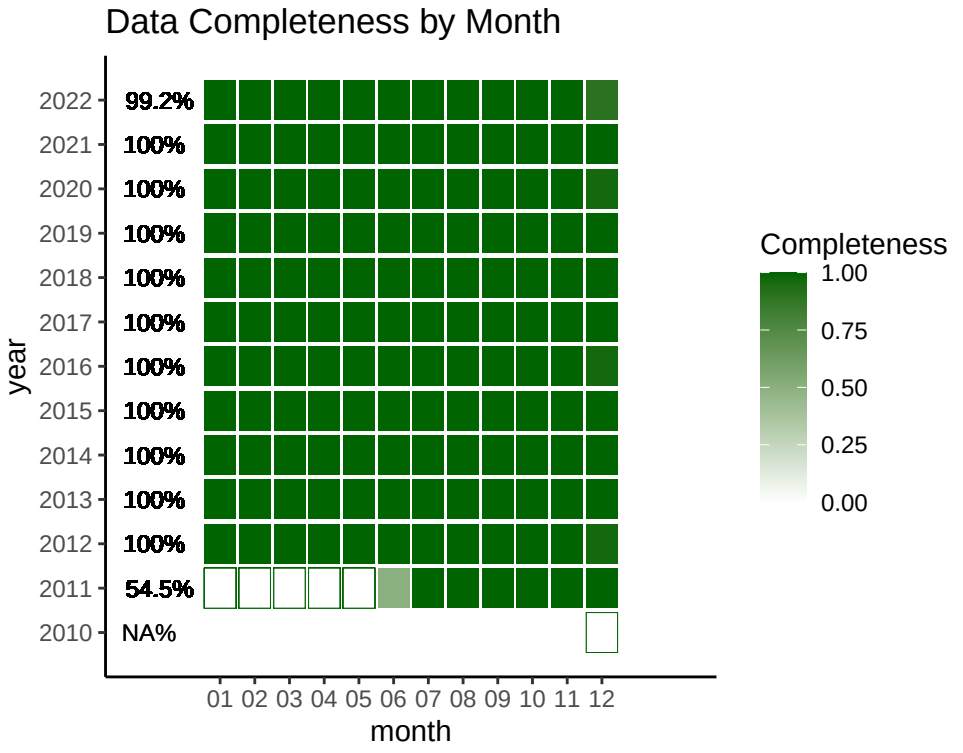

51, Springfield, MO
concentration (per cubic meter)
$e^{10.5}$
e^{10}
$e^{9.5}$
e^{9}
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
date

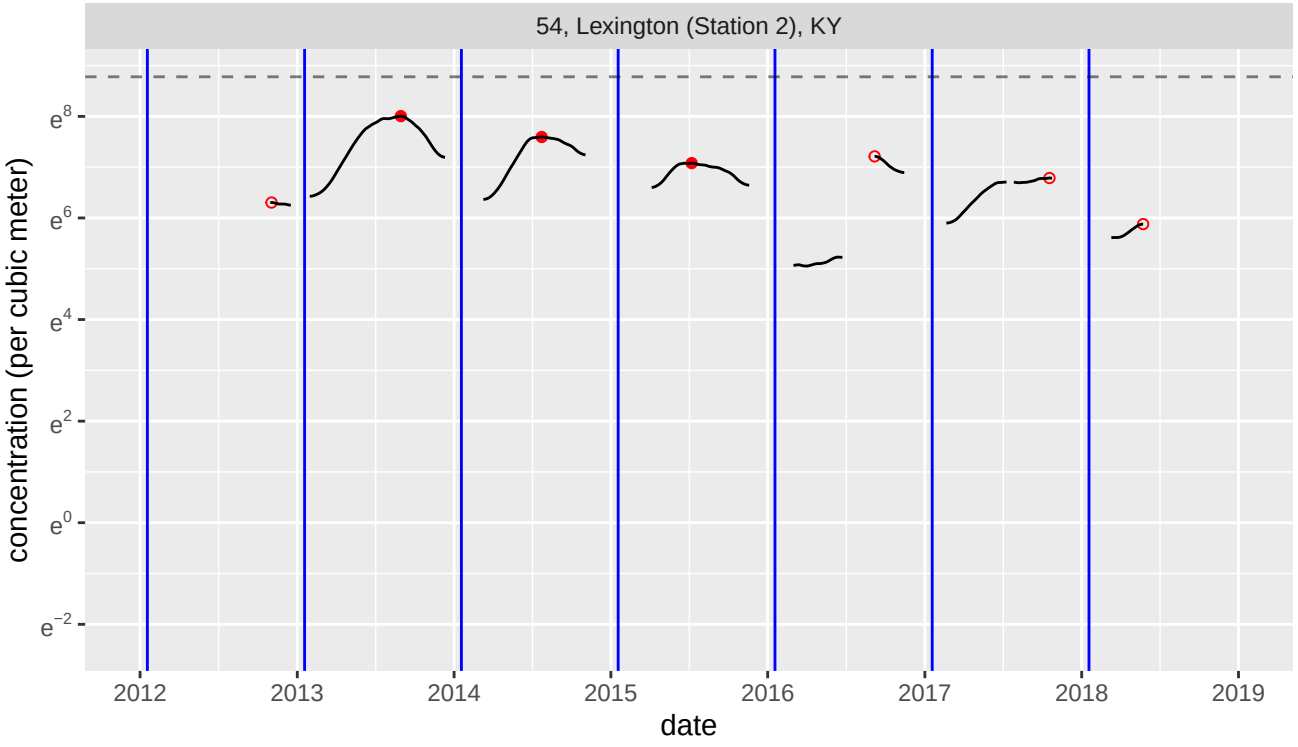

Data Completeness by Month
year
2018
2017
2016
2015
2014
2013
2012
2011
2010
2009
44.4%
64.7%
72.3%
70.7%
64.7%
64.4%
66%
64.4%
18.4%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

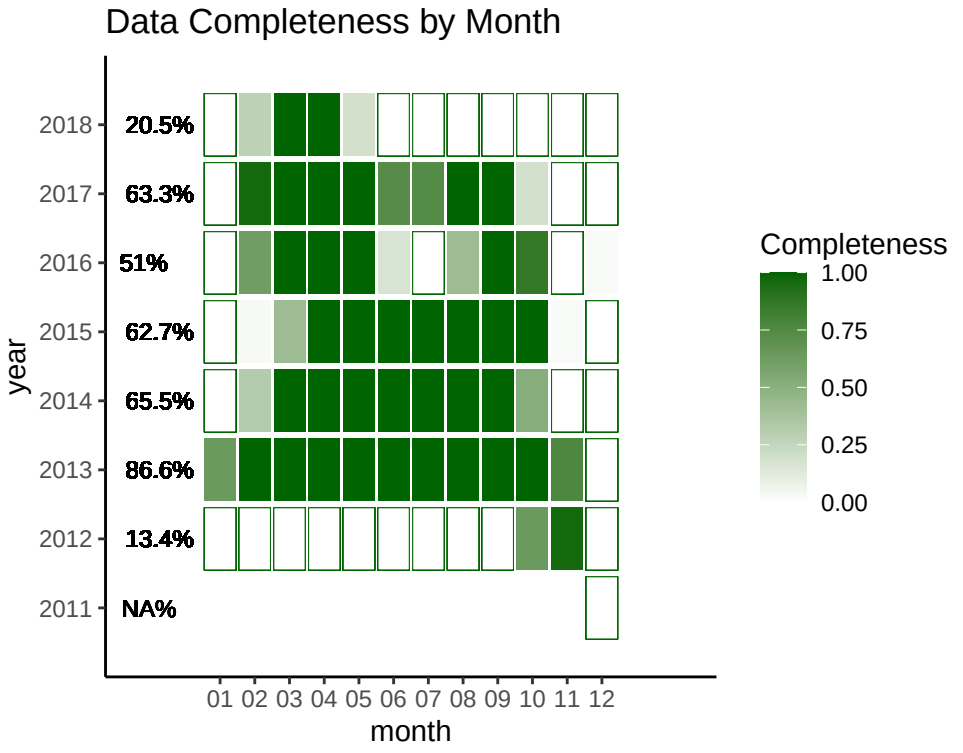

52, Wilmington, DE
concentration (per cubic meter)
e^{10}
e^{8}
e^{6}
e^{4}
e^{2}
e^{0}
2011
2012
2013
2014
date

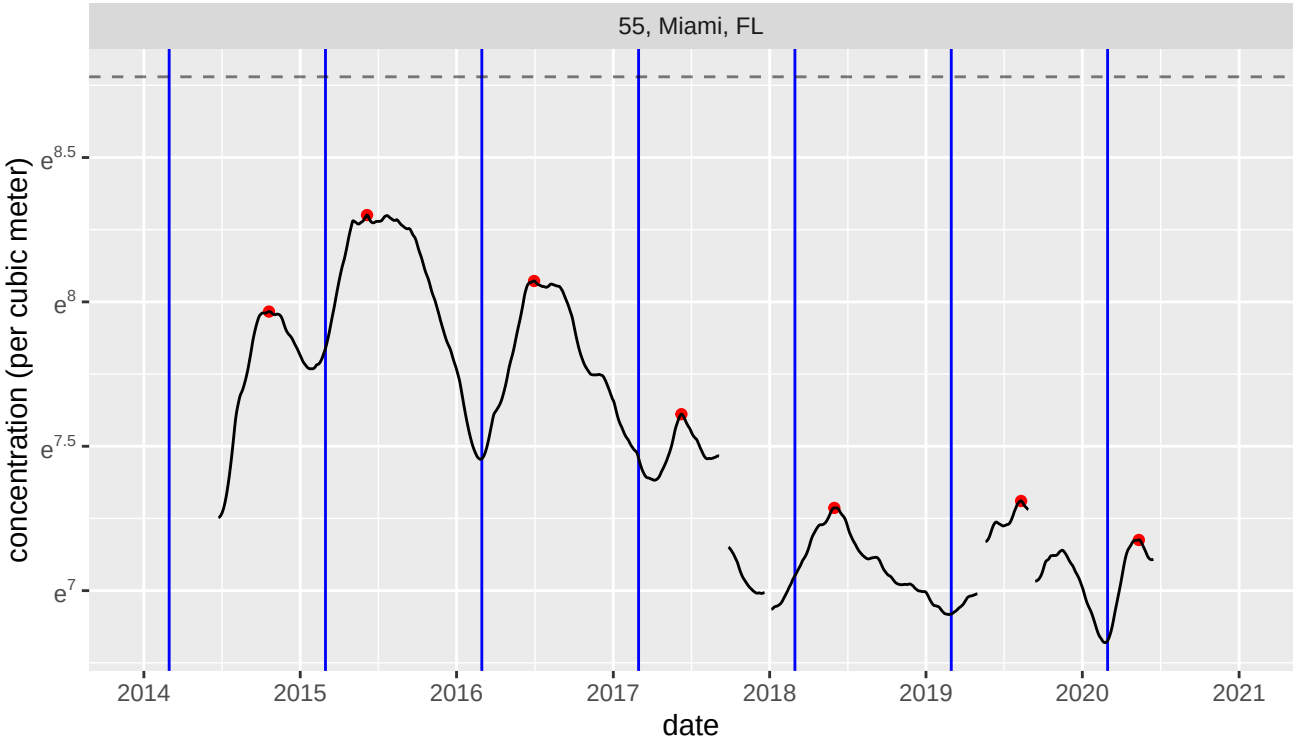

Data Completeness by Month
year
2014
2013
2012
2011
NA%
33.7%
49.3%
64.1%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

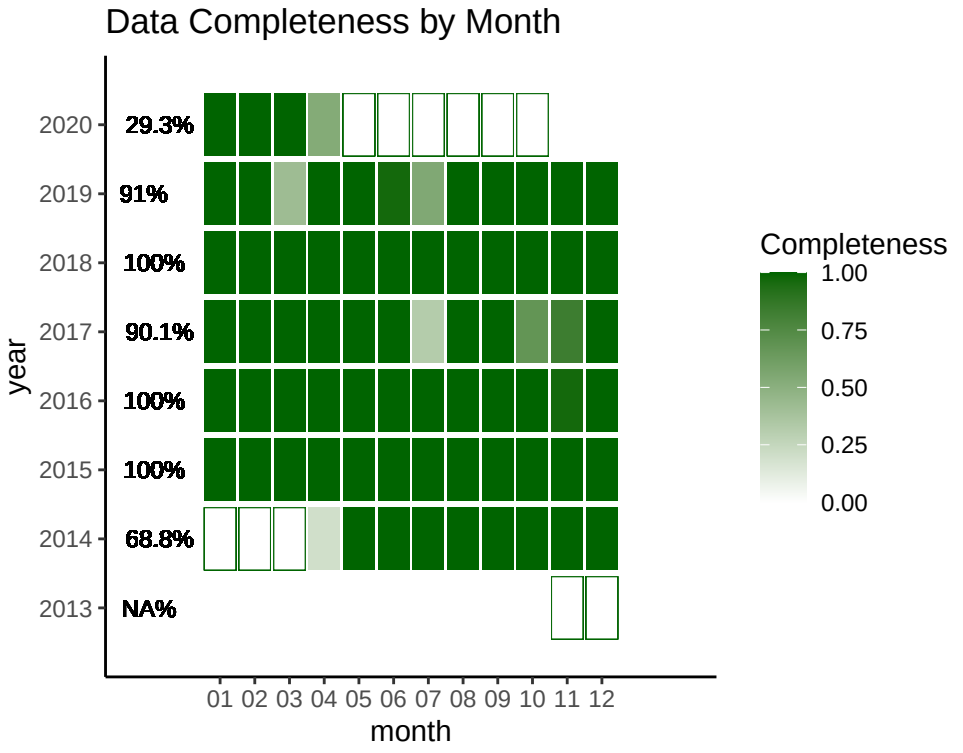

53, San Antonio (2), TX
concentration (per cubic meter)
e^9
e^8.5
e^8
e^7.5
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
date

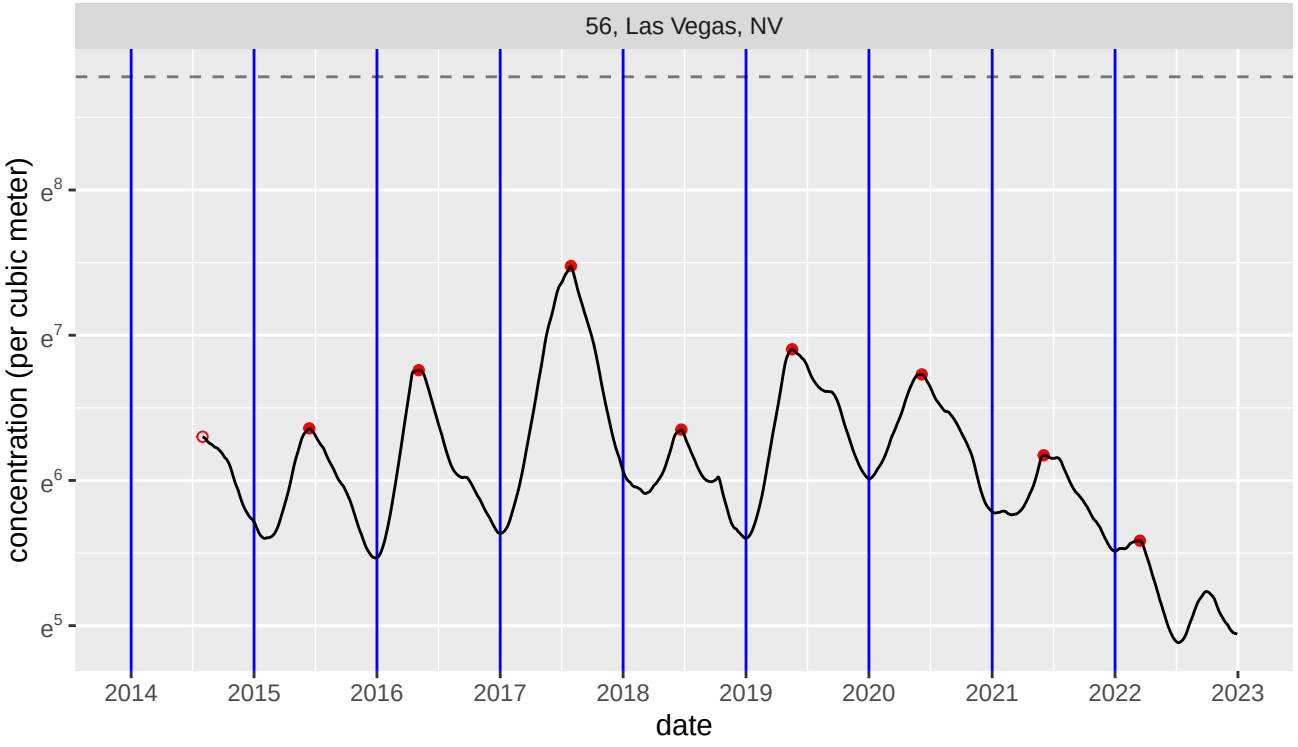

Data Completeness by Month
year
2022 99.2%
2021 100%
2020 100%
2019 100%
2018 100%
2017 100%
2016 100%
2015 100%
2014 100%
2013 100%
2012 100%
2011 54.5%
2010 NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

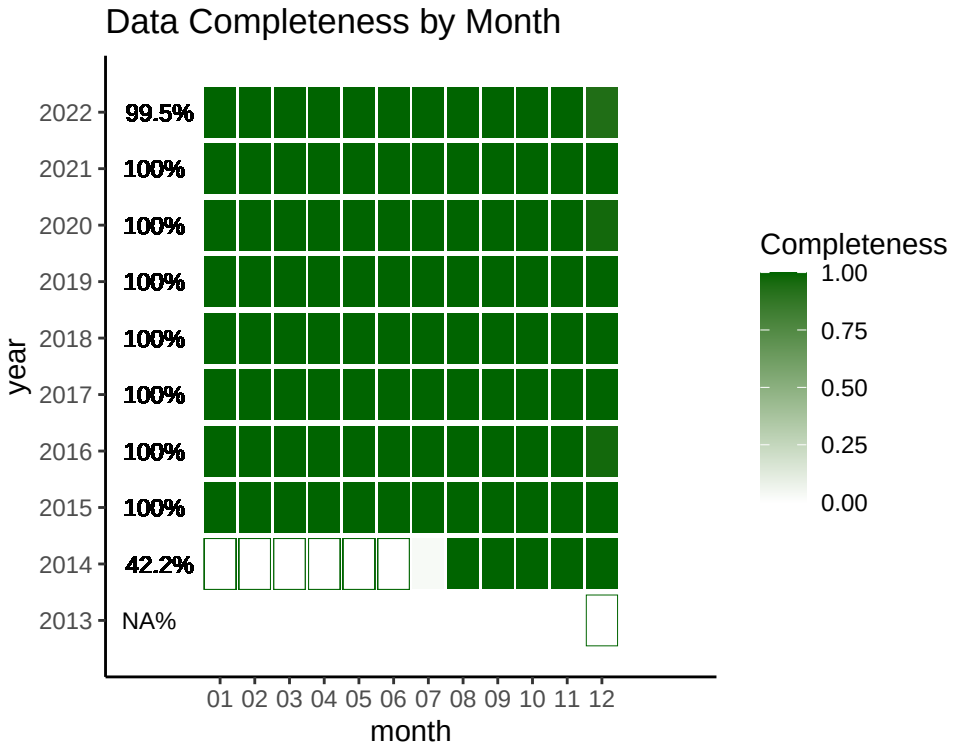

54, Lexington (Station 2), KY
concentration (per cubic meter)
e^8
e^6
e^4
e^2
e^0
e^{-2}
2012
2013
2014
2015
2016
2017
2018
2019
date

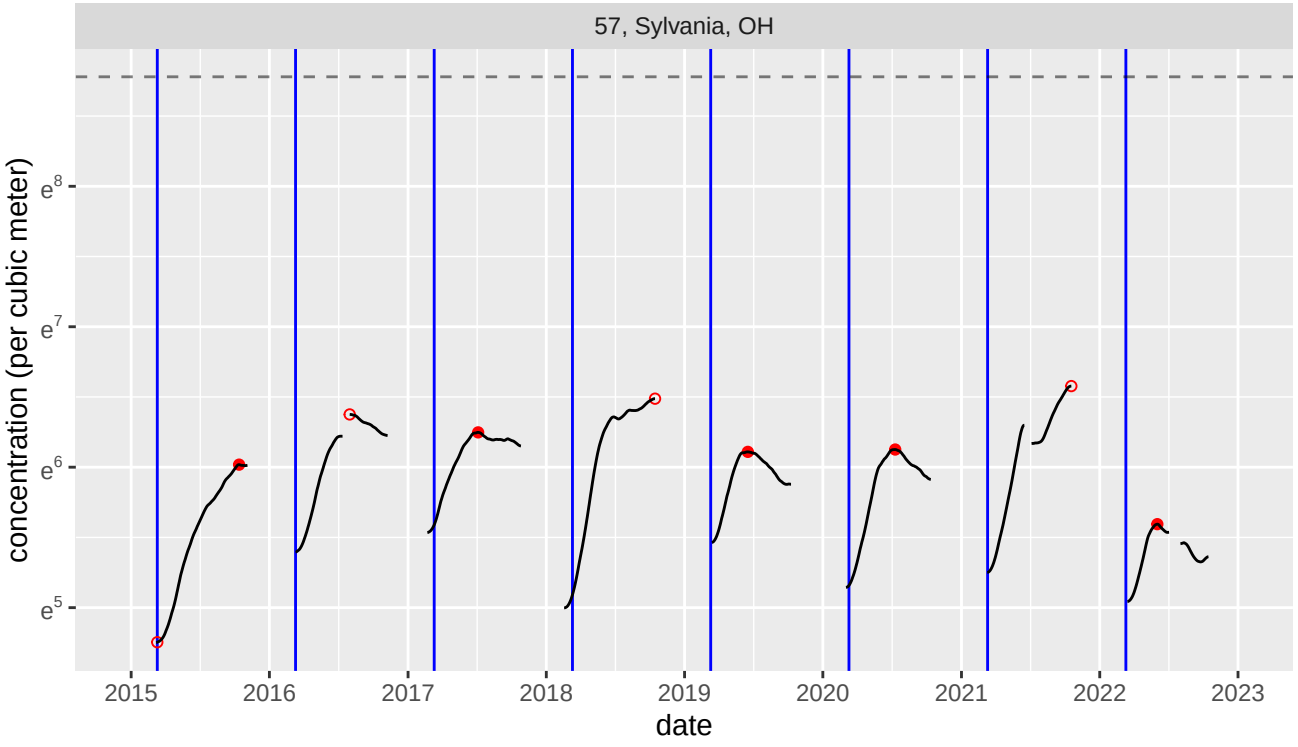

Data Completeness by Month
year
2018
2017
2016
2015
2014
2013
2012
2011
20.5%
63.3%
51%
62.7%
65.5%
86.6%
13.4%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

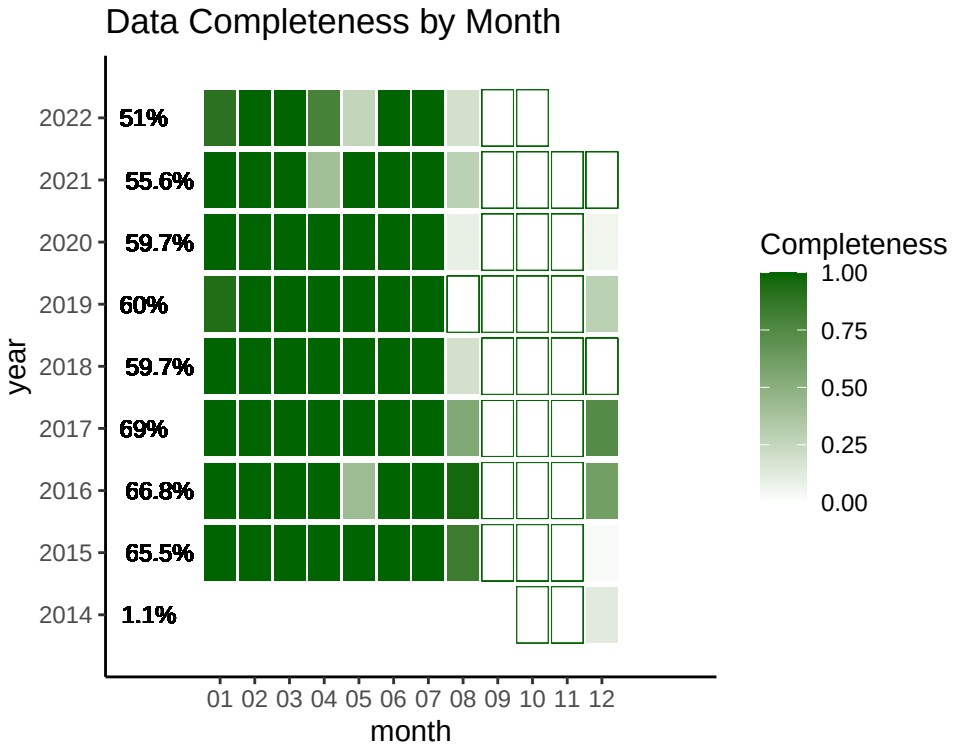

55, Miami, FL
concentration (per cubic meter)
e^8.5
e^8
e^7.5
e^7
2014
2015
2016
2017
2018
2019
2020
2021
date

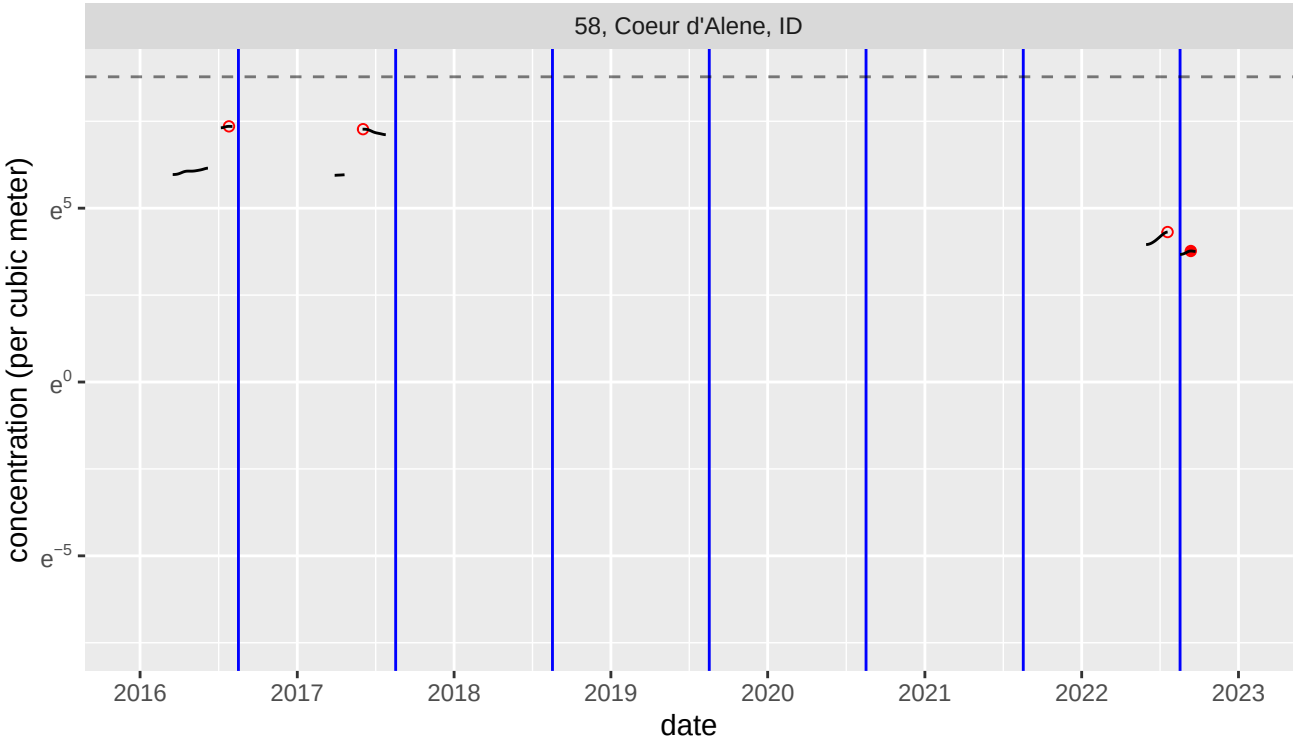

Data Completeness by Month
year
2020
2019
2018
2017
2016
2015
2014
2013
29.3%
91%
100%
90.1%
100%
100%
68.8%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

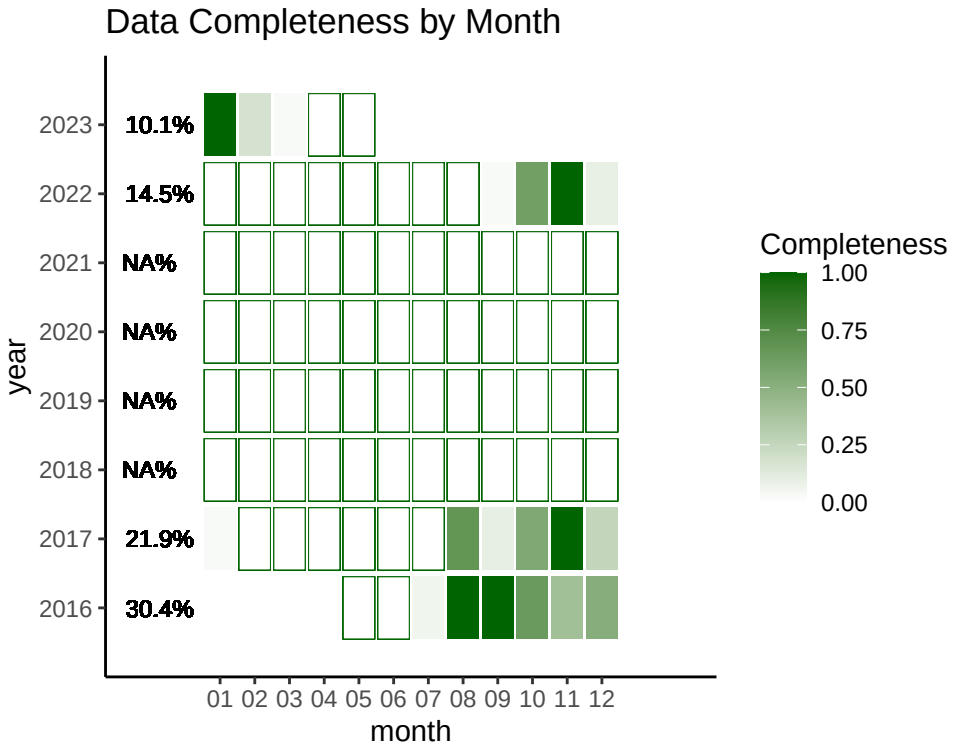

56, Las Vegas, NV
concentration (per cubic meter)
e8
e7
e6
e5
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
date

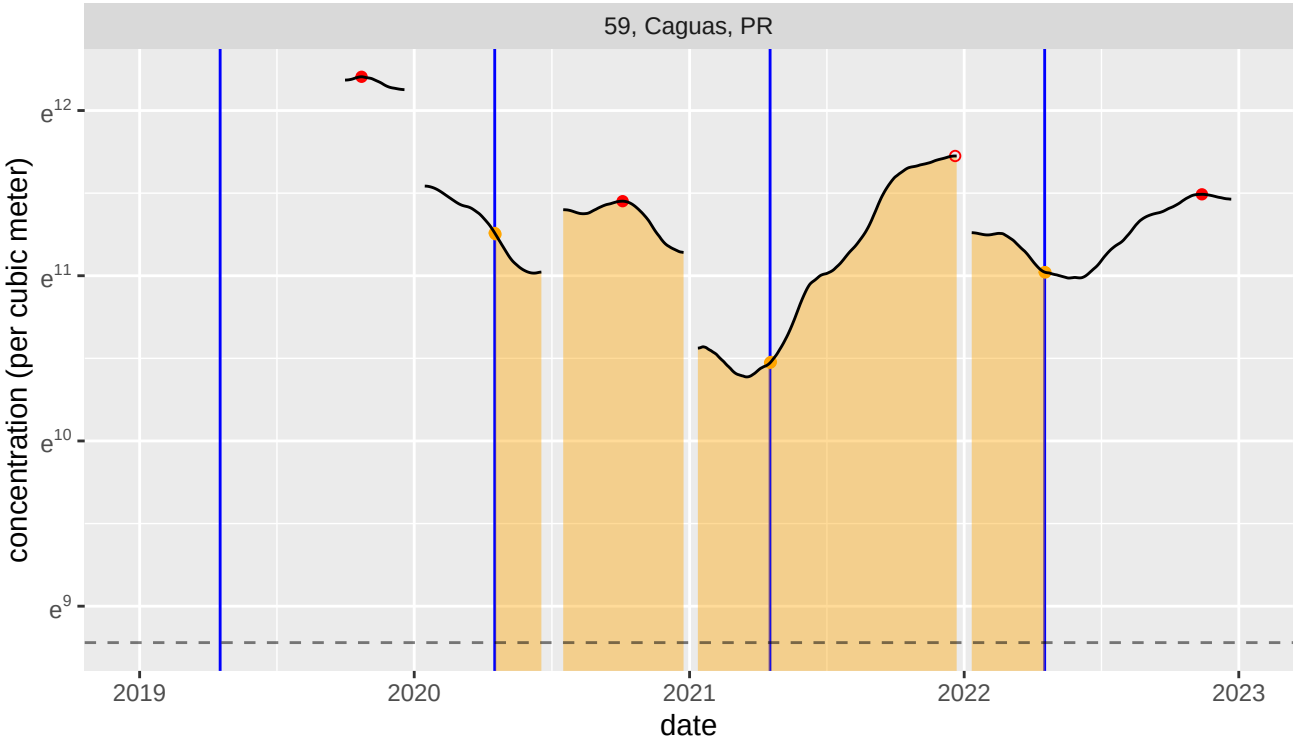

Data Completeness by Month
year
2022
2021
2020
2019
2018
2017
2016
2015
2014
2013
99.5%
100%
100%
100%
100%
100%
100%
100%
42.2%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

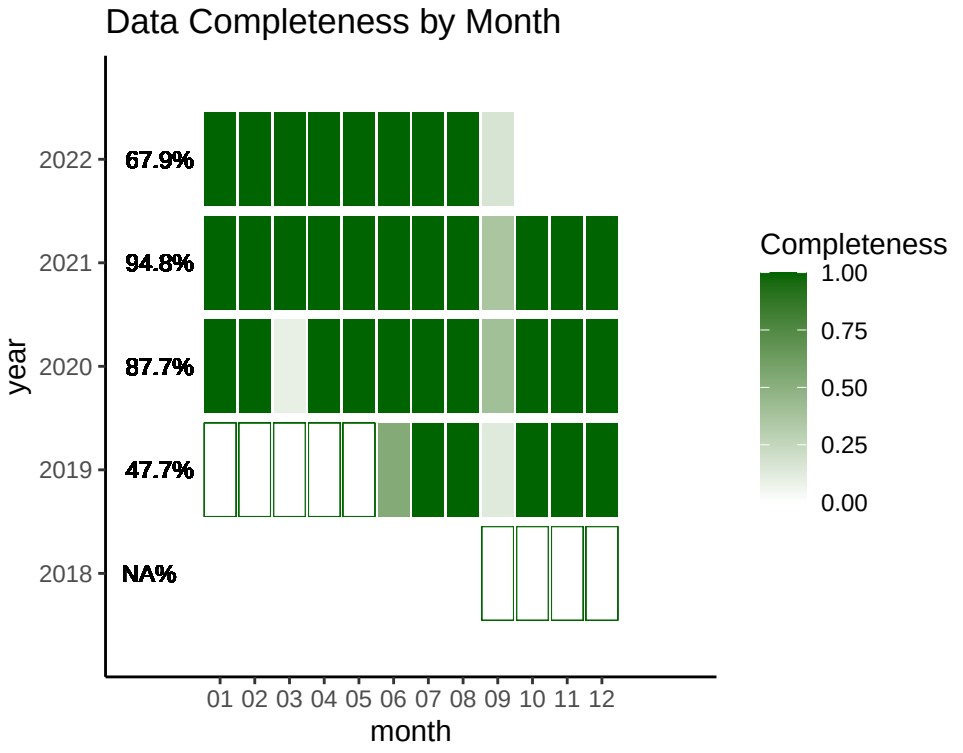

57, Sylvania, OH
concentration (per cubic meter)
e8
e7
e6
e5
2015
2016
2017
2018
2019
2020
2021
2022
2023
date

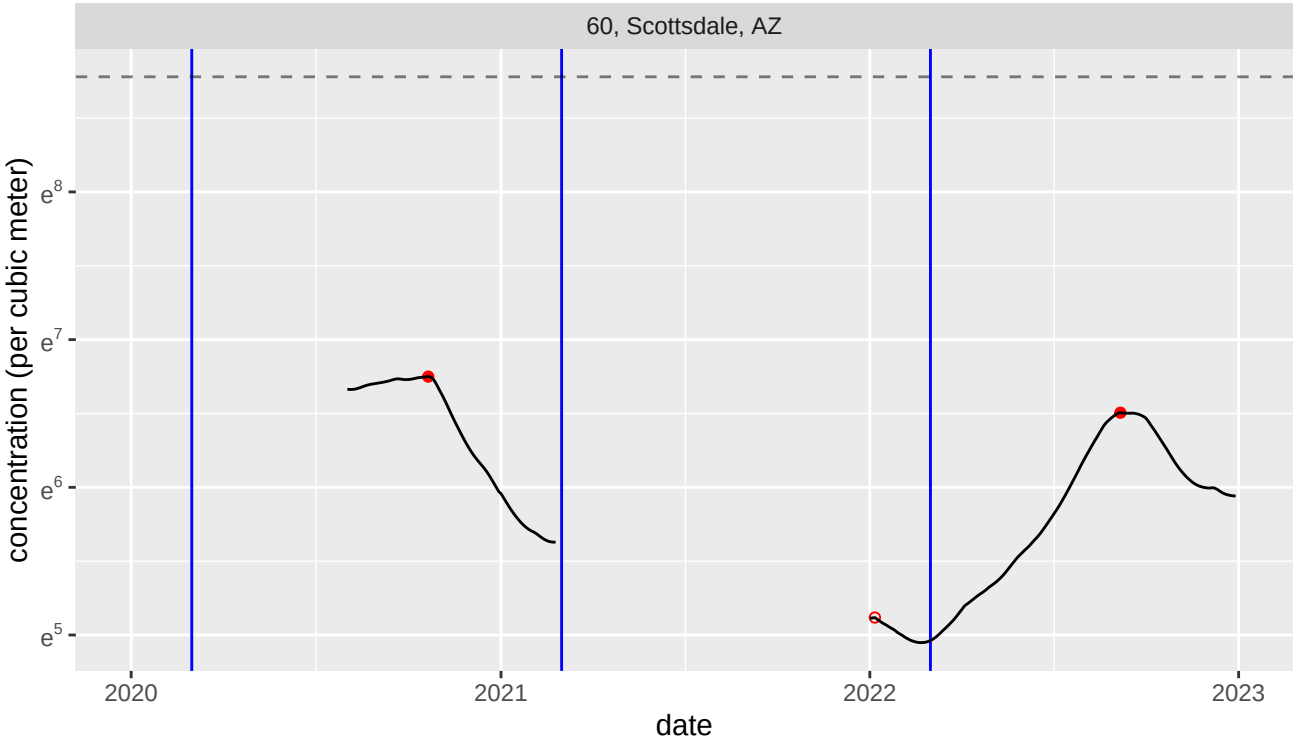

Data Completeness by Month
year
2022
2021
2020
2019
2018
2017
2016
2015
2014
51%
55.6%
59.7%
60%
59.7%
69%
66.8%
65.5%
1.1%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00

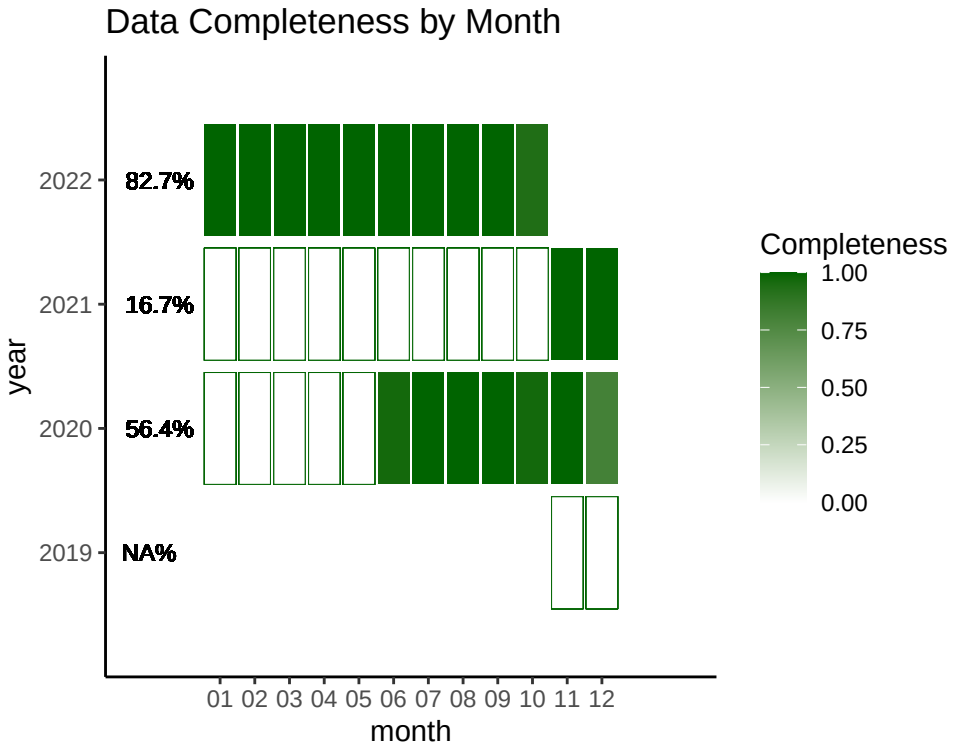

58, Coeur d'Alene, ID
concentration (per cubic meter)
e^5
e^0
e^{-5}
2016
2017
2018
2019
2020
2021
2022
2023
date


Data Completeness by Month
year
2023
2022
2021
2020
2019
2018
2017
2016
10.1%
14.5%
NA%
NA%
NA%
NA%
21.9%
30.4%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00


59, Caguas, PR
concentration (per cubic meter)
e12
e11
e10
e9
2019
2020
2021
2022
2023
date


Data Completeness by Month
year
2022
2021
2020
2019
2018
67.9%
94.8%
87.7%
47.7%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00


60, Scottsdale, AZ
concentration (per cubic meter)
e8
e7
e6
e5
2020
2021
2022
2023
date


Data Completeness by Month
year
2022
2021
2020
2019
82.7%
16.7%
56.4%
NA%
01 02 03 04 05 06 07 08 09 10 11 12
month
Completeness
1.00
0.75
0.50
0.25
0.00