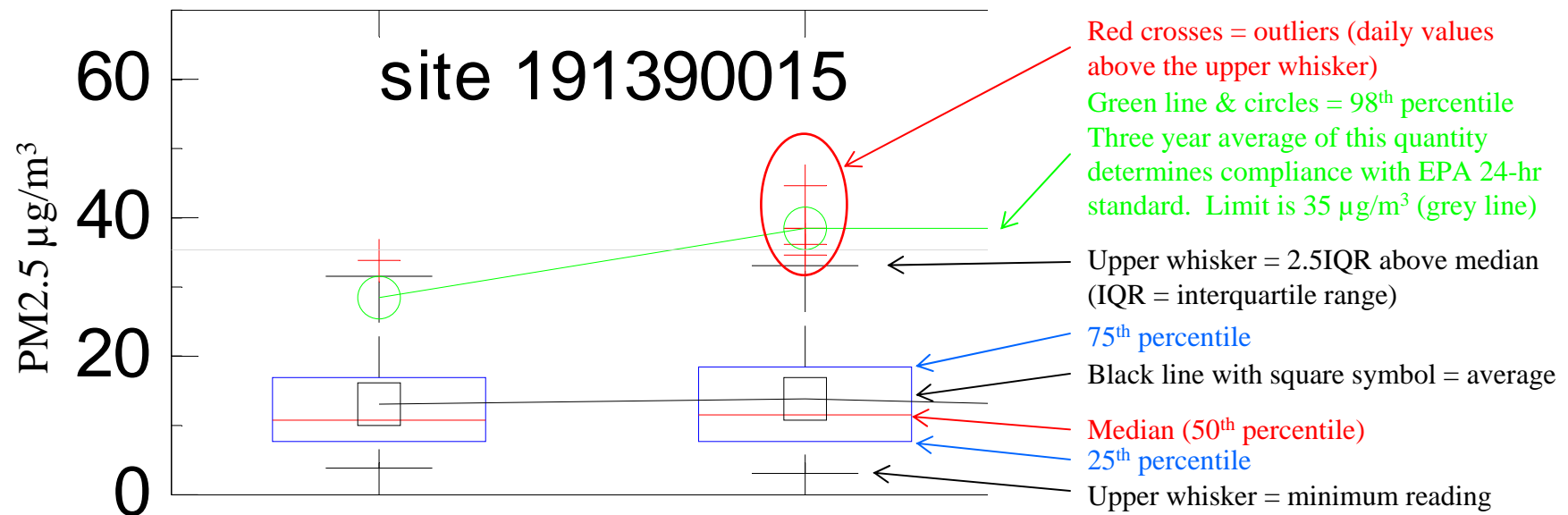


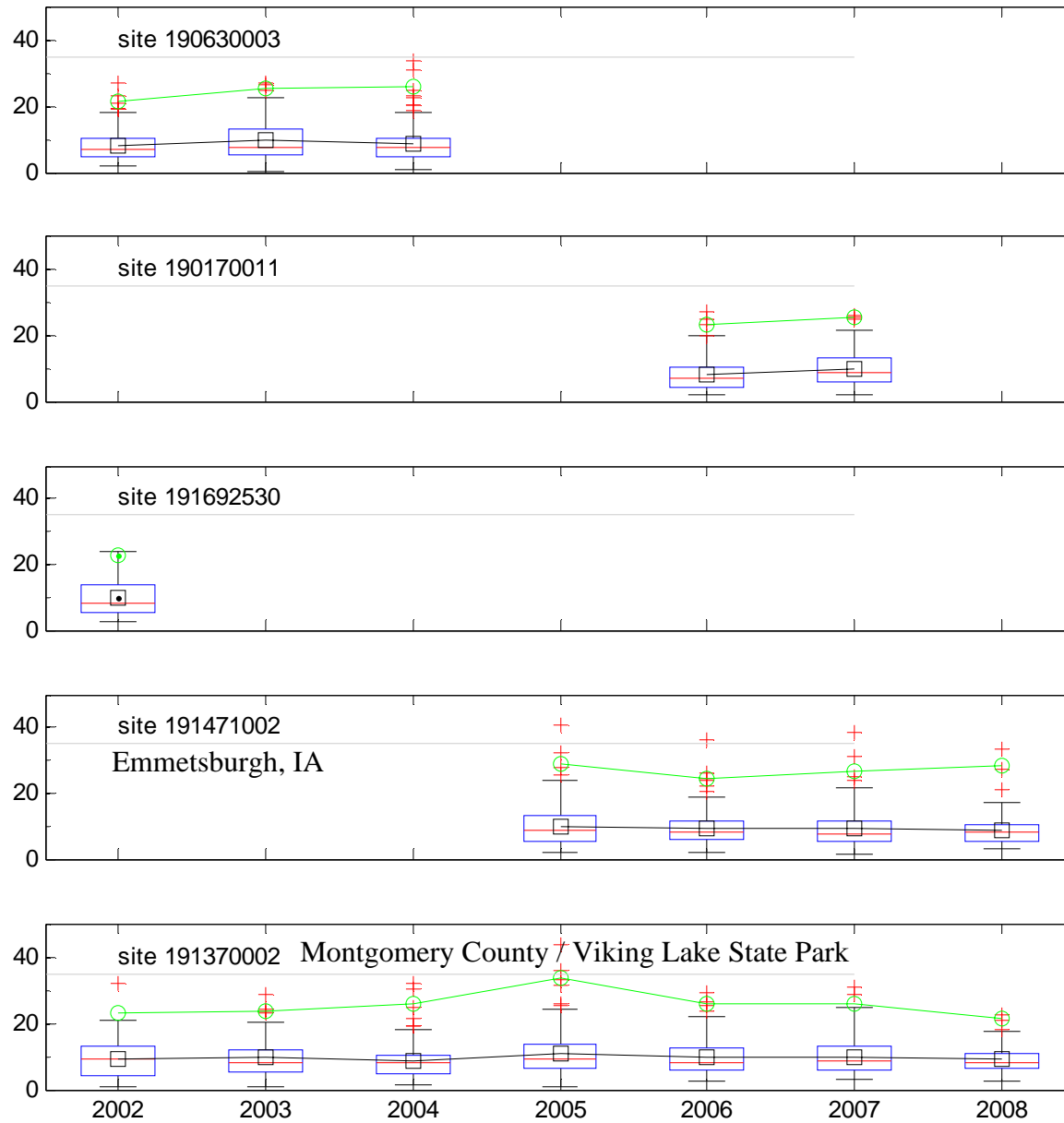
Year-by-year and annual times
series
PM2.5 only

Key to box and whisker diagrams

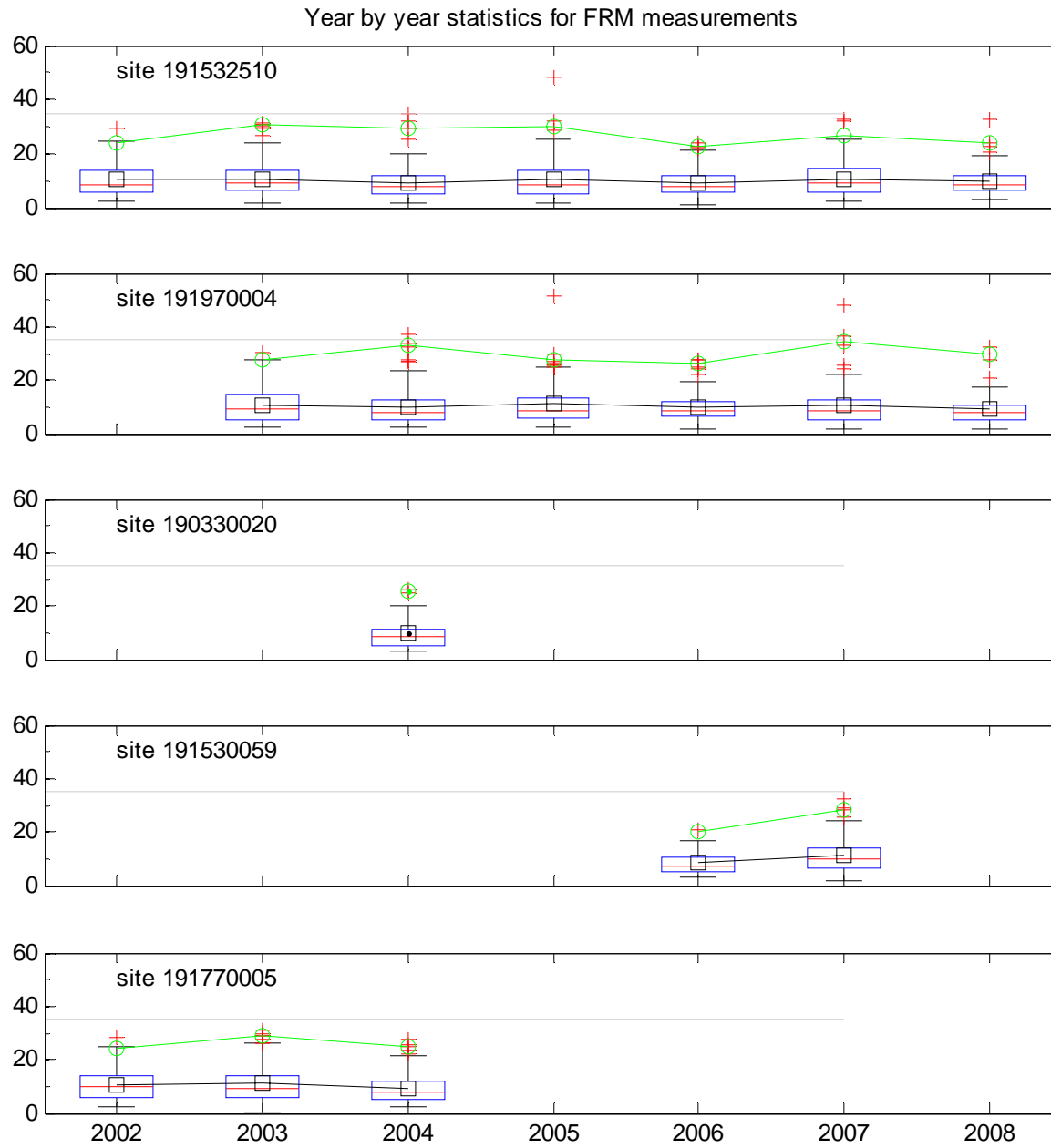


Cleanest 5 sites

Year by year statistics for FRM measurements

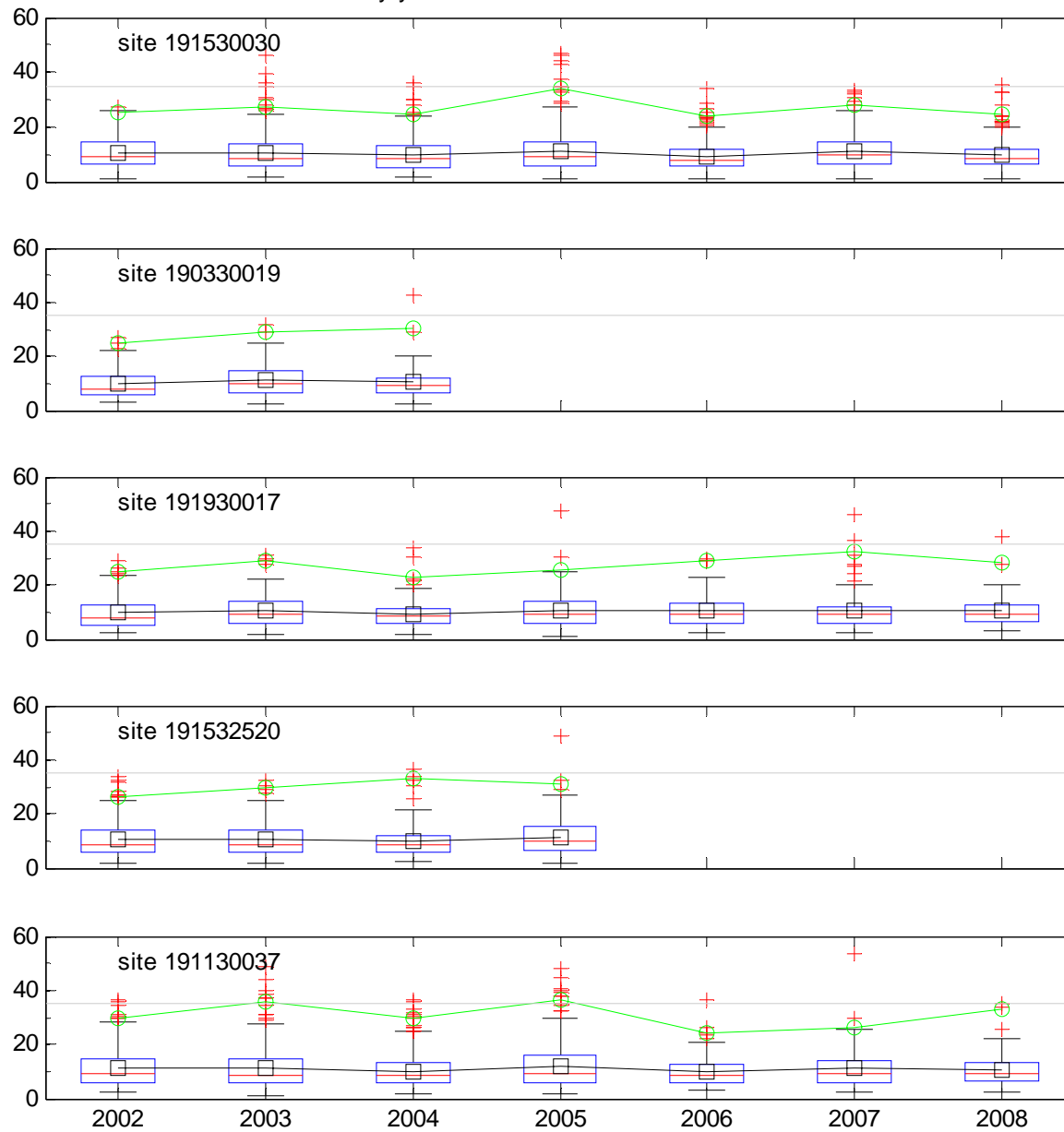


Sites 6-10



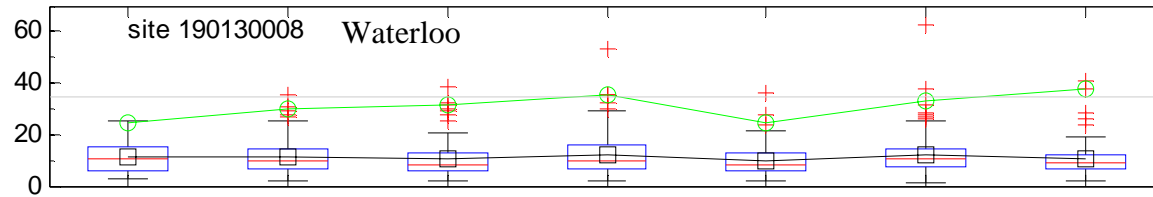
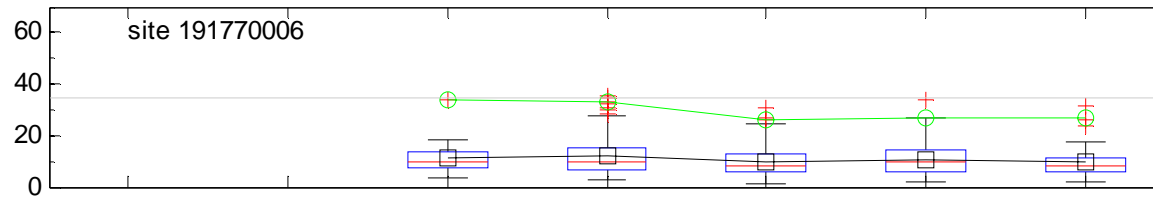
Sites 11-15

Year by year statistics for FRM measurements

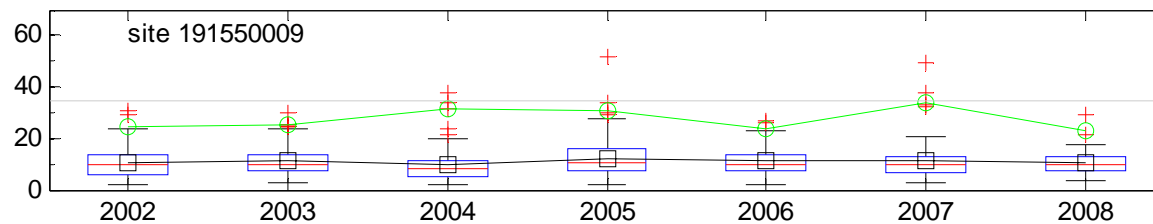


Sites 16-20

Year by year statistics for FRM measurements



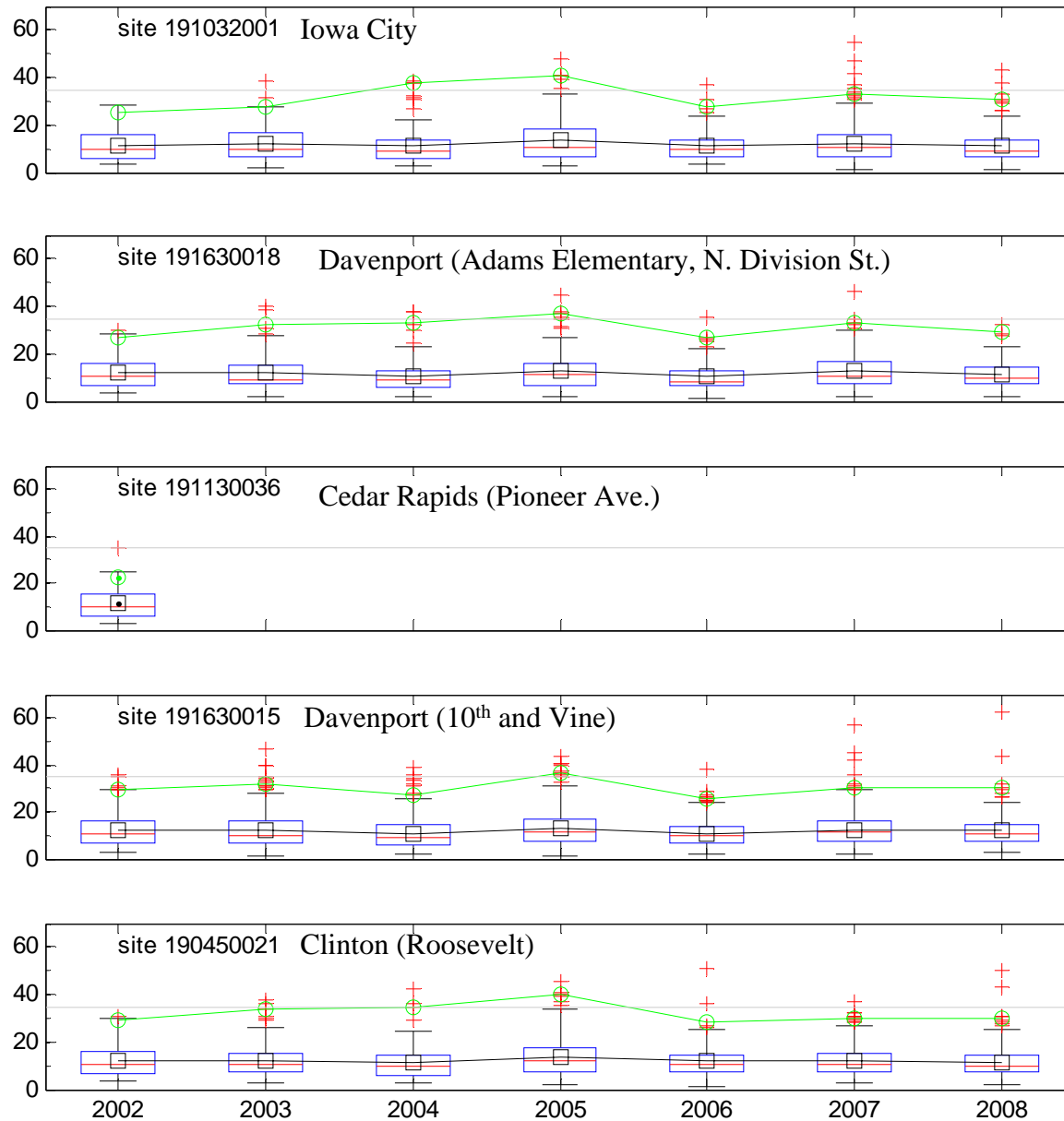
Note 0



Note 0: Site to watch. 2008 value (1st half of year) above 24-hour compliance threshold.

Sites 21-25

Year by year statistics for FRM measurements

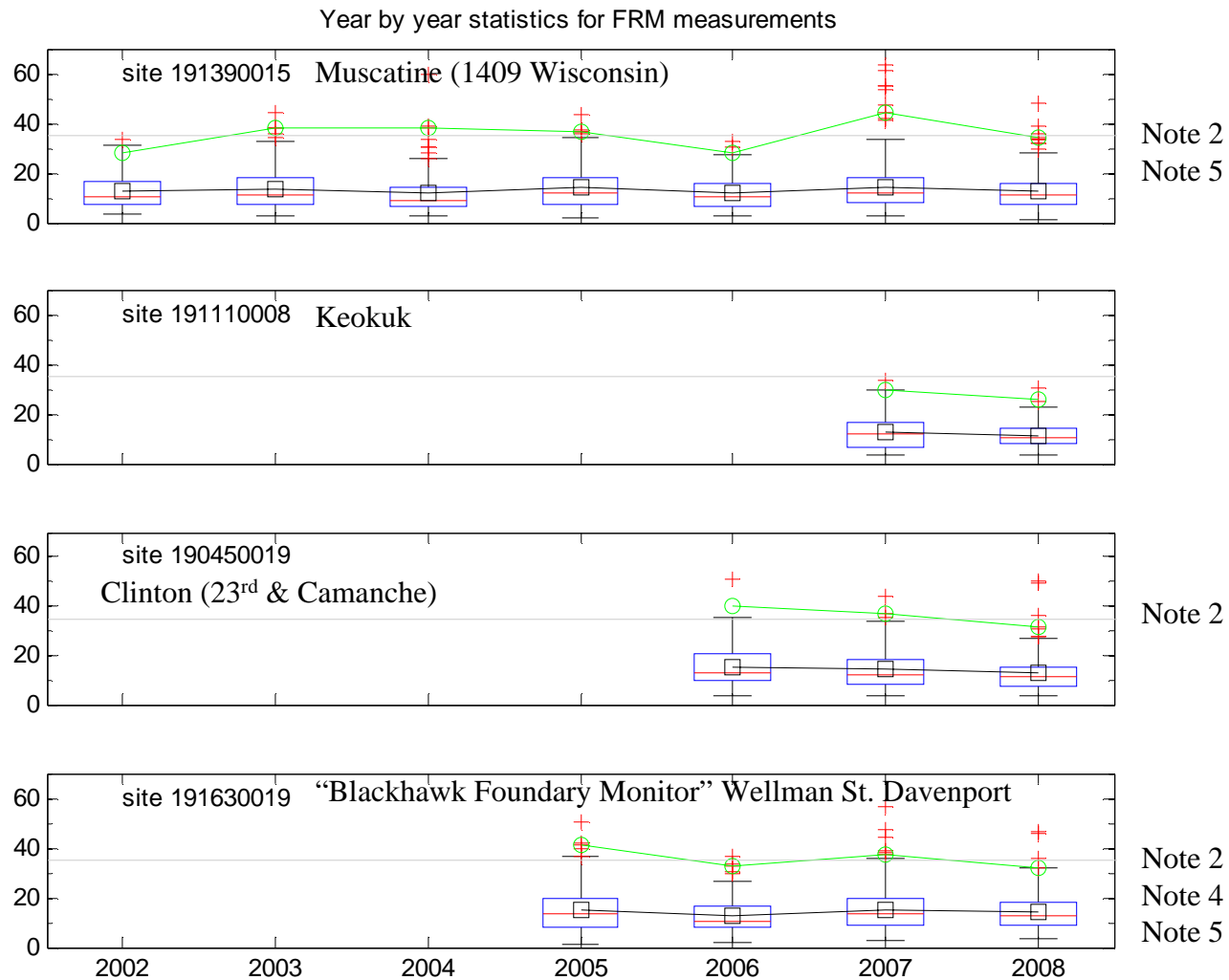


Note 1

Note 1

Note 1: History of noncompliance with 24 hour standard at this site (2004 & 2005), but 2006 and 2007, and 1st half of 2008 appear in compliance

Four highest concentration sites (in terms of median PM2.5)



Note 2: Potential compliance problem site, with multiple years with 98th percentile above 24-hr compliance threshold of $35 \mu\text{g}/\text{m}^3$.

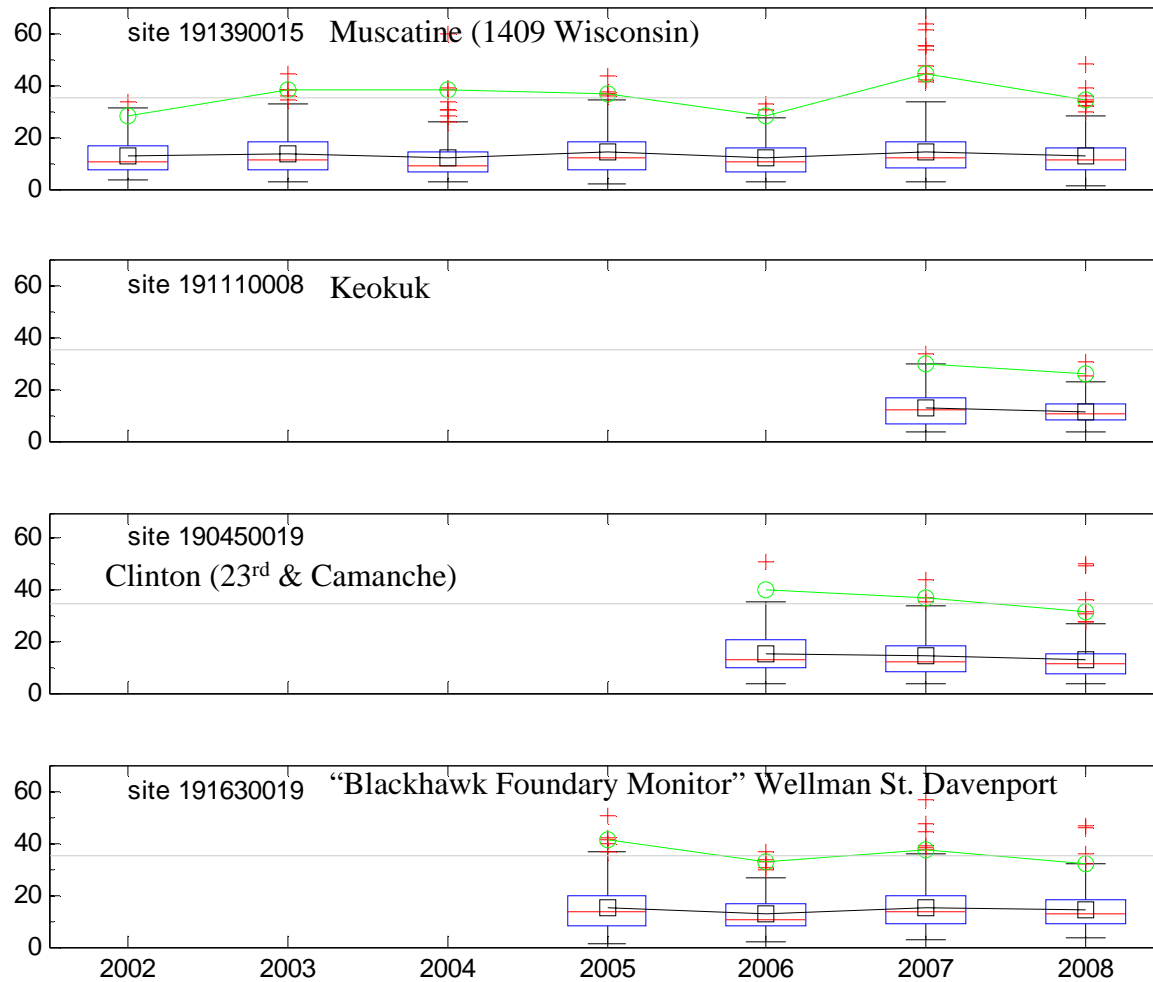
Note 3: Potential compliance problem site, with 1 of 3 years (2006) with annual average values about the annual average limit of $15 \mu\text{g}/\text{m}^3$.

Note 4: Potential compliance problem site, with 2 of 4 (2005 and 2007) years with annual average values about the annual average limit of $15 \mu\text{g}/\text{m}^3$.

Note 5: Designated non-attainment by EPA

Four highest concentration sites (in terms of median PM2.5)

Year by year statistics for FRM measurements

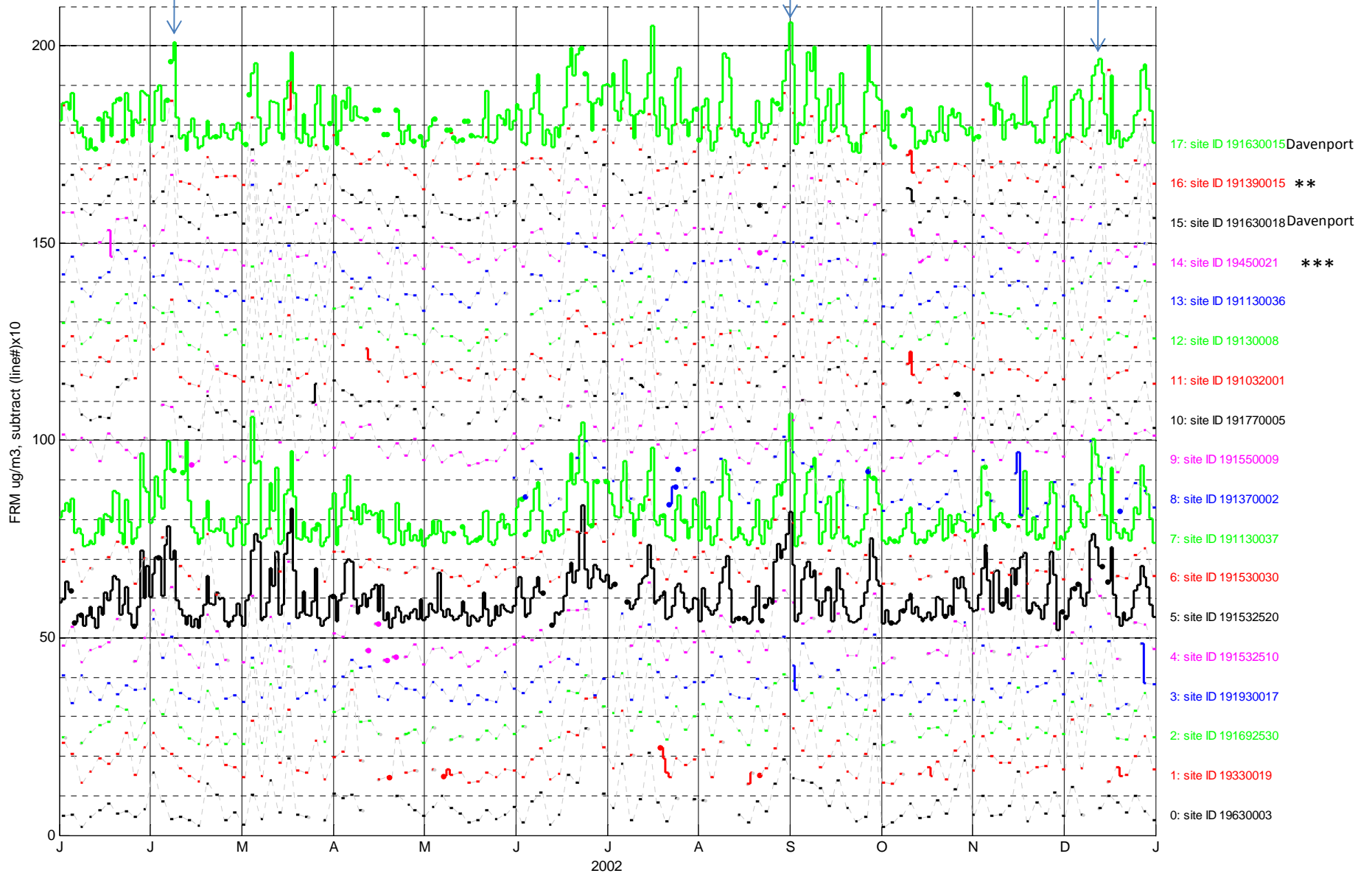


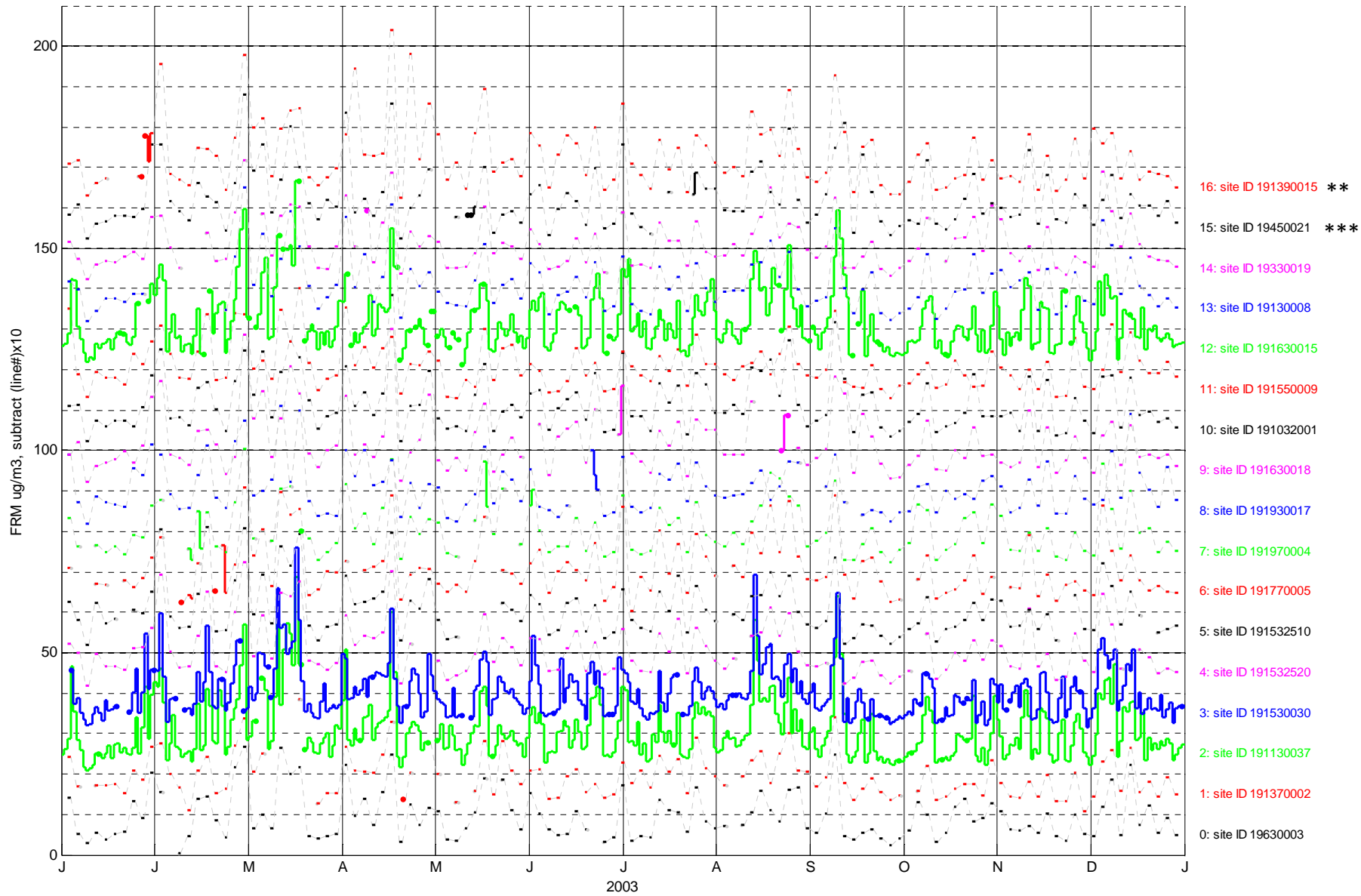
- Plots are for each year
- Lines are organized from site with lowest median PM (bottom line) to highest median PM
- Line colors are not necessarily the same for a given site from year to year
- Long site numbers (e.g. 19450021) are consistent from year to year, but the line numbers (e.g. 1, 2, 3, etc.) may change from year to year depending on the ordering of the median PM values.
- Solid horizontal lines are the FRM value for the 24 hour sampler in question.
- A solid trace (there are three of them) means an FRM sample is taken daily
- A broken trace means the FRM sample is taken every 3rd day
- Each line is offset from the previous by 10 ug/m³
- Grey lines connect samples where the samples were not back-to-back
- If no grey line is present, there was a missing or invalidated sample
- Blackhawk foundary monitor marked with *
- Muscatine monitor marked with **
- Clinton Sites (Both 23rd / Camanche and Roosevelt Marked with ***)

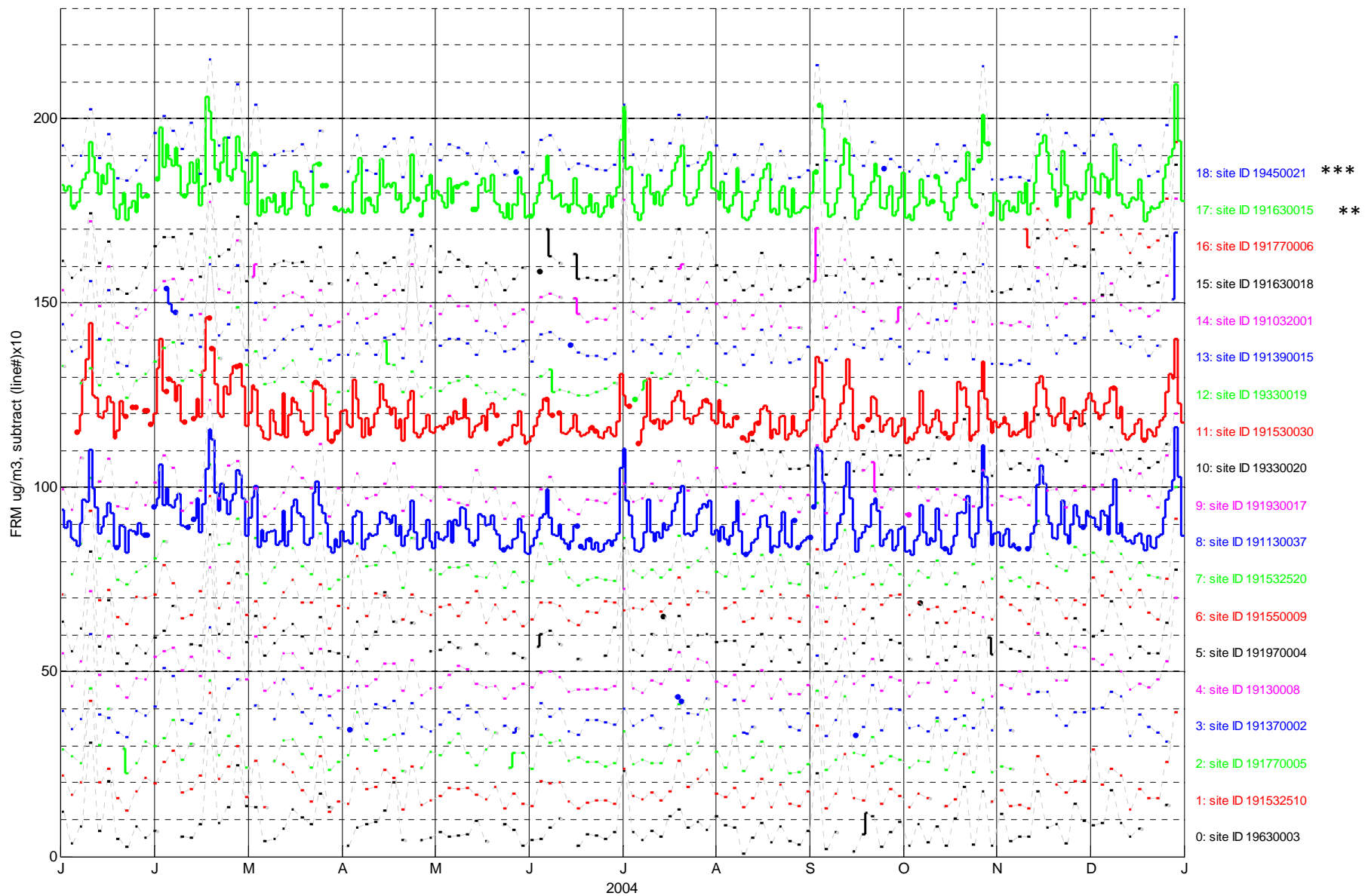
Feb 6-8, 2002 high PM episode

Aug 30-Sept 2, 2002 high PM episode

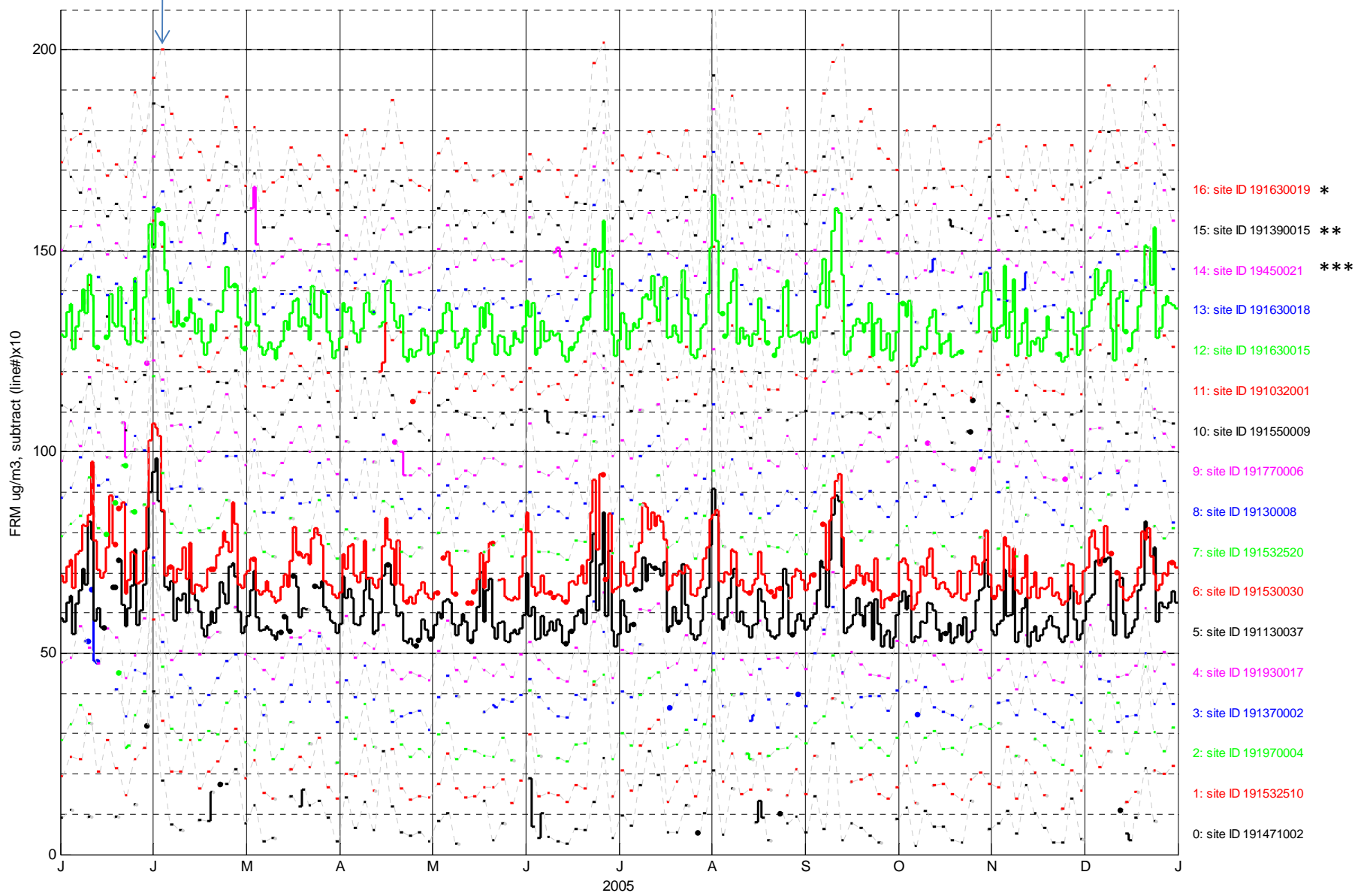
Dec 10-Dec 16, 2002 High PM Episode







high PM episode



high PM episode

