

Union County (Arkansas) Water Conservation Board

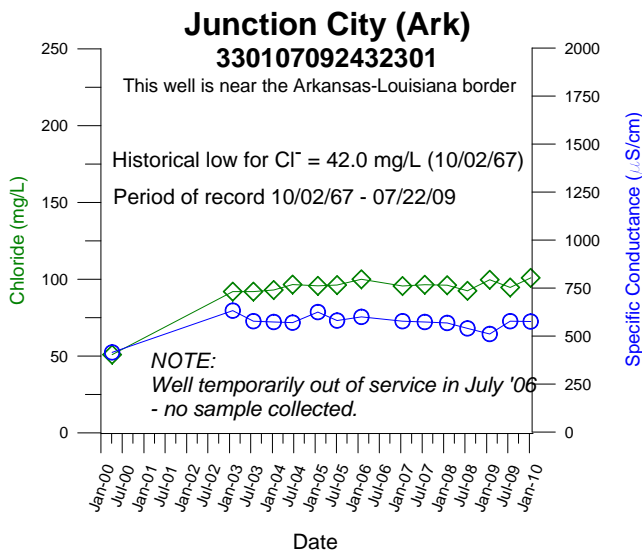
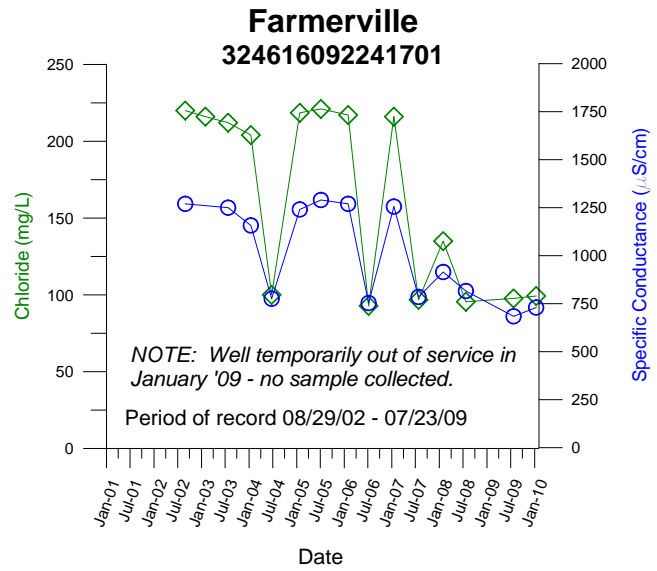
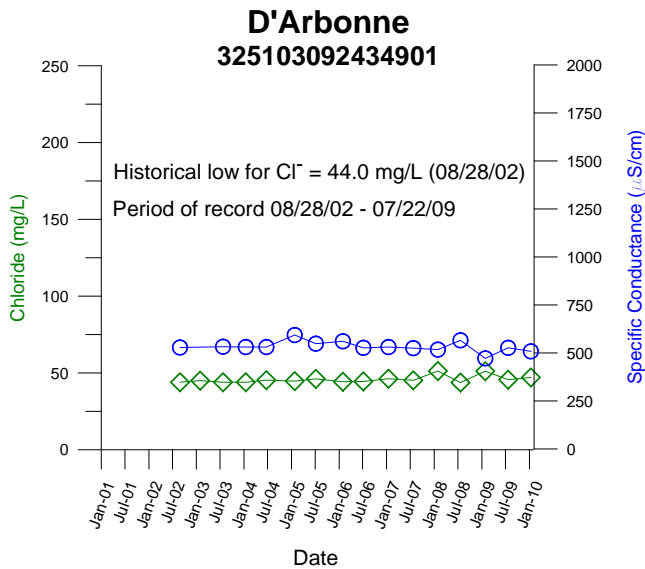
Chloride & Specific Conductance

Sparta Aquifer Recovery Water Quality Monitoring Wells

Northern Louisiana

July 2002 through January 2010

USGS Arkansas Water Science Center has collected and reported analyses of water samples twice annually in January and July since July 2002. The samples have been analyzed for chlorides, temperature, and specific conductance -- an indirect measure based on the presence of solids of how well water can conduct an electrical current. Temperature and specific conductance measurements are conducted in the field. Chloride analyses for the first four sampling rounds were performed by the USGS Laboratory in Ocala, Florida. All subsequent analyses have been performed by the National Water Quality Laboratory (NWQL) in Denver, Colorado.



NOTES:

- Specific conductance data collected 01/30/03 from D'Arbonne and Farmerville wells were removed from the data set. These data were judged to be erroneous as a result of field equipment malfunction.

