



Water-Data Report 2007

**412325080565600 Grand River at State Route 88 near Farmington OH**

Southern Lake Erie Basin  
Grand Subbasin

LOCATION.--Lat 41°23'25", long 80°56'56" referenced to North American Datum of 1983, Trumbull County, OH, Hydrologic Unit 04110004.

**WATER-QUALITY RECORDS**

REMARKS.—These results represent a one-time sampling effort done in August 2007 to characterize mercury, and other related water-quality constituents at several locations in the Grand River basin.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

\*SUVA: Specific ultraviolet absorbance

| Date      | Instantaneous discharge, cfs (00061) | Barometric pressure, mm Hg (00025) | Temperature, air, deg C (00020) | Temperature, water, deg C (00010) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unfltrd, $\mu$ S/cm 25 degC (00095) | Dissolved oxygen, mg/L (00300) | Suspended sediment concentration, mg/L (80154) | Mercury unfltrd, ng/L (50286) | Methylmercury unfltrd, ng/L (50284) | Organic carbon, water, fltrd, mg/L (00681) | UV absorbance, 254 nm, wat fltr units /cm (50624) | SUVA*, 254 nm, abs L/(mgDOC* meter) (63162) |
|-----------|--------------------------------------|------------------------------------|---------------------------------|-----------------------------------|---|---|--------------------------------|--|-------------------------------|-------------------------------------|--|---|---|
| Aug 15... | 5.3                                  | 740                                | 25.0                            | 21.2                              | 8.0   | 505   | 8.8                            | 14   | 1.71                          | .12                                 | 6.3  | .184  | 2.9   |