Intergovernmental Task Force on Monitoring Water Quality Strategy for Improving Water-Quality Monitoring in the United States

- Goal-Oriented Monitoring and Indicators
- Gather and Evaluate Existing Information
- Flexible And Comprehensive Monitoring
- Institutional Collaboration
- National/Federal Programs
- State and Tribal Program
- Watersheds and Local Jurisdictions
- Compliance and ambient monitoring coordination
- Volunteer Monitoring
- Methods Comparability
- Information Automation, Accessibility, and Utility
- Quality Assurance/Quality Control
- Assessment and Reporting
- Evaluation of Monitoring Activities
- Research and Development
- Training
- Pilot Studies
### National Water Information System (NWIS) Water-Quality Web Services

#### Location Parameters
- **Bounding Box:**
  - North:
  - West:
  - East:
  - South:
- **Distance within:**
  - miles from:
  - Latitude:
  - Longitude:

#### Site Parameters
- **Site Type:** select
- **Organization ID:** select
- **Site ID:** select
- **HUC:** select

#### Result Parameters
- **Sample Media:** select
- **Characteristic Group:** select
- **Characteristic:** select
- **NWIS CODE:** select

#### Start Date (MM-DD-YYYY)
- after [ ] and before [ ]

#### File Format
- **data**
  - CSV
  - Comma-separated
  - Tab-separated
  - MS Excel
  - Excel 2003 and earlier versions have a limit of 65,536 rows. If your download file exceeds this limit, only the first 65,536 rows will open.
- **map**
  - KML Markup Language (XML)
  - KMZ output is available for the "Download Sites Only" option

#### Compression
- [ ] zip

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**Download Sites Only**

**Download Results**

**Show Request**

**View**

URL: http://waterdata.usgs.gov/gwwebview
Page Contact Information: NWISWebServices@usgs.gov
Real-time Water-quality Sites

Real-time water-quality sites - Data from automated equipment and represent the most current hydrometric conditions. Measurements are commonly recorded at 5-60 minute intervals and transmitted to the NWSIS database every 1-4 hours. Real-time data are available online for 31 days. Values in pop-up bubbles are updated hourly from NWSIS. Additional data for realtime sites.

Field water-quality measurements - Data from field and/or laboratory analyses of water samples, biological tissue, stream sediments, or other environmental samples. Data include approved, quality-assured data that may be published, and more recent provisional data, whose accuracy has not been verified. Additional data for water-quality sites.

Data are provisional and subject to revision.

Use the map's zoom tool below to focus on your area of interest. Click on an individual site marker to view additional information about that site. Data are provisional and subject to revision.
The Western Ecological Research Center (WERC) - The Pacific Southwest is the country's most ecologically rich and diverse area. It contains a dazzling array of habitats from below sea-level deserts to alpine tundra to coastal mountains, seashores, and marine ecosystems. The scientists of the Western Ecological Research Center reflect the diversity of this region with expertise in a wide range of disciplines. Their capabilities fulfill the varied needs of clients and partners, from ecological research, monitoring and technology development to basic biology and modeling.

Least Bell's Vireo

Can't see Flash? Install Flash Player or use the HTML version.
U.S. IOOS®: Our Eyes on Our Oceans, Coasts, and Great Lakes.

Providing the data and information needed to improve safety, enhance our economy, and protect our environment.

The Integrated Ocean Observing System (IOOS®) is a federal, regional, and private-sector partnership working to enhance our ability to collect, deliver, and use ocean information. IOOS delivers the data and information needed to increase understanding of our oceans and coasts, so decision makers can take action to improve safety, enhance the economy, and protect the environment.
Water Information Coordination Program
The WICP ensures collaborative efforts among Federal Agencies to improve water information for decisionmaking about natural resources management and environmental protection.

Advisory Committee on Water Information
The ACWI represents the interests of water-information users and professionals in advising the Federal Government on Federal water-information programs and their effectiveness in meeting the Nation's water-information needs.

Subgroups

MONITORING
The National Water Quality Monitoring Council (NWQMC) provides a national forum for coordination of consistent and scientifically defensible methods and strategies to improve water quality monitoring, assessment and reporting.

METHODS
The NWQMC Methods and Data Comparability Board provides a forum for exploring, evaluating, and promoting methods that facilitate collaboration and further comparability between water monitoring programs.

NAWQA LIAISON
The National Liaison Committee (NLC) for the National Water Assessment Program (NAWQA) creates an ongoing national liaison process for external organizations to work interactively with the NAWQA Program in joint problem solving on water quality issues.

GROUND WATER
The goal of the Subcommittee on Ground Water is to develop and encourage implementation of a nationwide, long term ground-water quantity and quality monitoring framework that would provide information necessary for the planning, management, and development of ground-water supplies to meet current and future water needs, and ecosystem requirements.

HYDROLOGY
The Subcommittee on Hydrology desires to improve the availability and reliability of surface-water quantity information needed for hazard mitigation, water supply and demand management, and environmental protection.

SEDIMENTATION
The Subcommittee on Sedimentation promotes and supports the development and standardization of equipment, methodologies tools, and calibration, and performance criteria for the collection, analysis, interpretation, interchange, and dissemination of fluid-sediment data and related technical information.

SPATIAL WATER DATA
The Subcommittee on Spatial Water Data jointly sponsored with the Federal Geographic Data Committee develops water-resources components of the National Spatial Data Infrastructure.

SUSTAINABLE WATER
The Sustainable Water Resources Roundtable serves as a forum to share information and perspectives that will promote better decisionmaking in the United States regarding the sustainable development of our nation's water resources.

FORMER SUBGROUPS
Cooperative Water Program (1999)
Streamgaging Task Force
Total Maximum Daily Loads (TMDL) Science Issues Conference
2004 Cooperative Task Force Program
Advisory Committee on Water Information
Subgroups / Task Force

- National Water Quality Monitoring Council
  - Methods and Data Comparability Board
    - Work Groups
    - Work Groups
  - Work Groups
- National Liaison Committee for NAWQA
- * Subcommittee on Spatial Water Data
  - Work Groups
- Subcommittee on Hydrology
  - Work Groups
- Subcommittee on Sedimentation
  - Sustainable Water Resources Roundtable

* Also reports to Federal Geographic Data Committee
Work Groups Reporting February 2009

National Water Quality Monitoring Council
- Methods and Data Comparability Board
- Water Information Strategies
- Collaboration and Outreach
- National Monitoring Network

Methods and Data Comparability Board Work Groups
- National Environmental Methods Index (NEMI)
  - Water-Quality Data Elements
  - Bioassessment Comparability
  - National Monitoring Network
National Water Quality Monitoring Council

Provide a national forum for coordination of consistent and scientifically defensible methods and strategies to improve water quality monitoring, assessment and reporting. Promote partnerships to foster collaboration, advance the science, and improve management within all elements of the water quality monitoring community.
Methods and Data Comparability Board Work Groups

- National Environmental Methods Index (NEMI)
- Bioassessment Comparability
- Water-Quality Data Elements
- National Monitoring Network
Water Information Strategies Work Groups

- Data Analysis and Interpretation
- Program Development and Network Design
- Data Management and Access
- Ad Hoc Project Team
Federal Geographic Data Committee

The Federal Geographic Data Committee (FGDC) is an organized structure of Federal geospatial professionals and constituents that provide executive, managerial, and advisory direction and oversight for geospatial decisions and initiatives across the Federal government.

In accordance with Office of Management and Budget (OMB) Circular A-16, the FGDC is chaired by the Secretary of the Interior, with the Deputy Director for Management of the OMB as Vice-Chair.
<table>
<thead>
<tr>
<th>Cross Cutting Working Groups</th>
<th>Geospatial Line of Business Work Groups</th>
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<td>Common Services</td>
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<td>Metadata</td>
<td>Grants &amp; Contracts</td>
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<tr>
<td>Standards</td>
<td>Geo-Enabled Business</td>
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- Thematic Subcommittees:
  - Cadastral
  - Cultural and Demographic Statistics
  - Geodetic Control
  - Geologic
  - Marine and Coastal Spatial Data
  - Spatial Water Data
  - Transportation
  - Vegetation
  - Wetlands
“Collaborating partnerships are open to public, private, and nonprofit organizations whose missions are complementary to the mission of the FGDC. Organizations interested in becoming partners are invited to send a written request to the FGDC Chair.”