



Ohio Department of Natural Resources Division of Water Fact Sheet

Fact Sheet 92-17

Services of the Water Resources Section

The mission of the Division of Water - Water Resources Section (WRS) is to inventory and characterize the Water Resources of the state, collect and maintain hydrogeologic data, and monitor hydrologic conditions statewide to promote and support the proper development, management and protection of the state's water resources. In order to accomplish this, the WRS collects and disseminates a variety of ground water and hydrologic information. This fact sheet lists the services and information available from the WRS.

Evaluation of Ground Water Availability

Hydrogeologists in the WRS review well logs, ground water studies and basic geologic data for any area in Ohio and report on the area's ground water resources. Information such as type of water bearing formation, expected well depths and yield are available. This is a free service to all Ohioans.

File and Store Well Log and Drilling Reports

Under Ohio Revised Code 1521.05 a well driller is required to keep a careful and accurate log of the drilling and to file this information with the Division within 30 days of well completion. The WRS has over 720,000 well log and drilling reports on file covering every area of the state. Single copies of well logs are available free to home owners, relators, drilling contractors or consultants. Requests for well logs should include information on the county, township, address or location of the property, the original owner, the year the well was drilled, and the drilling contractor, if known.

Prepare County Ground Water Resource Maps and Pollution Potential Reports

Ground water resource maps are color coded for the amount of water expected from the most productive aquifer in an area. These maps show the types of aquifers present in the county, expected yields, and typical depths of wells. To learn more about this mapping program and to check map availability, ask for a copy of the fact sheet titled "Ground Water Resources in Ohio".

The pollution potential reports, with color coded map, evaluate the susceptibility for contamination of the

ground water within a county. Factors such as depth to water, net recharge to the aquifer, aquifer type, soil type, topography or slope of the land, type of material above the aquifer, and hydraulic characteristics of the aquifer are evaluated and rated. To learn more about this mapping program, ask for a copy of the fact sheet titled "Evaluating Ground Water Pollution Potential in Ohio".

Map Costs: Ground Water Resources Map: \$8.00*
Pollution Potential Reports: \$10.00*

* Postage and Handling Charges

Cost of Publications	Add
under \$10.01	\$2.50
\$10.01- \$20.00	\$3.75
\$20.01- \$50.00	\$6.00
\$50.01- \$100.00	\$8.50
\$100.01 and over	\$10.00

Ground Water Level Monitoring and Other Hydrologic Data

Staff hydrologists are responsible for monitoring ground water levels in Ohio and compiling other hydrologic data. A network of 110 observation wells plus many "Special Project" wells are continually monitored and reported on each month. The "Monthly Water Inventory Report for Ohio" summarizes rainfall, trends in ground water, streamflow, and surface water storage in Ohio as well as evaluating the current overall water supply situation. This is a free publication. To learn more about the observation well network, ask for a copy of the fact sheet "Ground Water Level Monitoring in Ohio"

Research and Special Studies

Staff hydrogeologists frequently conduct research to further locate and define water resources in Ohio. This would include buried valley studies, mine site evaluations, detailed ground water mapping or conducting pumping tests.

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Ground Water Conflict Resolution and Investigation

The Division of Water has the authority to help resolve conflicts between ground water users by conducting technical investigations and preparing related reports to help all ground water users understand the impacts to the resource. In areas where ground water withdrawals are exceeding natural recharge, the Division can designate ground water stress areas with special reporting requirements for all ground water users. The Division can hold public meetings or hearings upon request from local governments and boards to help disseminate ground water information in conflict areas.

Ground Water Education

The WRS promotes wise development of the ground water resources in Ohio. Education is very important to achieve this goal. WRS staff attend and speak at a wide variety of conferences and meetings, at both professional and non-professional levels.

Other Information Available from the Division of Water

The Division of Water has developed a series of fact sheets covering a wide range of water resource topics. To obtain copies of fact sheets, or assistance with any mentioned services of the Section, please contact:

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