

Inventory of Data and Information Related to the Groundwater System

CLASSIFICATION	AGENCY OF COLLECTION	DATA SET/ INFORMATION BASE	PURPOSE/DESCRIPTION	GEOGRAPHICAL DOMAIN	TIME PERIOD	LAST UPDATED	ACCESS TO DATA/INFO (OR KEY CONTACT)
Groundwater	USGS	National Water Information Systems	Consists of more than 850,000 records of wells, springs, test holes, tunnels, drains, and excavations in the United States. Available site descriptive information includes well location information (latitude and longitude, well depth, site use, water use, and aquifer).	United States (state-by-state)		available 6 mo. After close of previous water year, partially real-time access	http://waterdata.usgs.gov/nwis/
	USGS	Groundwater Climate Response Network	The USGS maintains a network of wells to monitor the effects of droughts and other climate variability on ground-water levels. The network consists of a national network of about 150 wells monitored as part of the Ground Water Resources Program, supplemented by wells in some States monitored as part of the Cooperative Water Program.	United States (state-by-state)			http://groundwaterwatch.usgs.gov/
	USGS	National Water Use Information	The U.S. Geological Survey maintains national digital data bases (1985 & 1990) of water-use information compiled from State site-specific data, as well as water-use maps and graphics. The data are collected and compiled every five years for each State	United States (state-by-state)	1985, 1990	every 5 years	http://water.usgs.gov/watuse/wudata.html
	USGS	Ground Water Atlas of the United States	The series consists of 13 chapters which describe the ground-water resources of regional areas	United States (by region)	varies by region	varies	http://capp.water.usgs.gov/qwa/qwa.html
	USGS	National Atlas - Aquifer map layer	This data set contains the shallowest principal aquifers of the conterminous United States, portrayed as polygons. The data set was developed as part of the effort to produce the maps published at 1:2,500,000 in the printed series "Ground Water Atlas of the United States".	United States			http://nationalatlas.gov/aquifersm.html
	Indiana Geological Survey	Lake Rim GIS Repository (Groundwater Intakes and Monitoring Wells)	Collection of environmental GIS data for the state of Indiana.	Indiana	? - Present	Continuously	http://igs.indiana.edu/arcims/lrim/index.html
	Minnesota Department of Natural Resources	Observation Well Data	View hydrographs and acquire data for wells in Minnesota DNR Division of Water Observation Well Program	Minnesota	1944-Present	Continuously	http://www.dnr.state.mn.us/waters/groundwater_section/obwell/waterleveldata.html
	Minnesota Department of Natural Resources	Regional Assessment Program	Maps and reports created by the Groundwater Mapping Program to depict the characteristics and pollution sensitivity of Minnesota's groundwater resources	Minnesota		As work is completed	http://www.dnr.state.mn.us/waters/groundwater_section/mapping/status.html

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Groundwater	Ohio Department of Natural Resources	County Groundwater Resources Maps	Ground Water Resource Maps are produced at a scale of 1:62,500 or approximately 1 inch = 1 mile. Ground water resources maps are printed on a United States Geological Survey topographic map base which shows significant natural and man-made features such as roads, streams and rivers, lakes, and buildings. County political subdivisions are also illustrated on the base map including township borders, and city and village limits.	Ohio	1970s-present	Updated as needed	http://www.dnr.state.oh.us/water/pubs/fs_div/fst10map.htm
	Ohio Department of Natural Resources	Statewide Aquifer Mapping Project (SAMP)	Aquifer delineations were completed at a scale of 1:24,000, using standard USGS 7.5 minute quadrangles as a base. As with the bedrock aquifer maps, the draft unconsolidated aquifer maps are constructed on a standard 7.5 minute USGS quadrangle base. Data sources include maps, reports, and drilling logs from a variety of public and private organizations.	Ohio	1997-2000	2005	http://www.dnr.state.oh.us/water/samp/
	Natural Resources Canada - Geological Survey of Canada	National Groundwater Database		Canada		In progress	http://www.cgq.rncan.gc.ca/BDNES-NGWD/index.cfm?flag=0&CFID=42469&CFTOKEN=22558738
	Ontario Ministry of the Environment	Water Well Records Database and Provincial Groundwater Monitoring Networks	Lists historical monitoring wells and reports on basins involved with the Provincial Groundwater Monitoring Network	Selected basins in southern Ontario			http://www.ene.gov.on.ca/water.htm
Drainage	Ontario Ministry of Agriculture, Food, and Rural Affairs	Constructed Drains Project	Spatial database of drains that can easily be updated and integrated with watercourse data from other agencies. Enhanced drainage data will allow users to make more knowledgeable observations and decisions about current drainage conditions, future drainage plans, and environmental conditions.	Ontario			Ontario Ministry of Agriculture, Food, and Rural Affairs
	Ontario Ministry of Agriculture, Food, and Rural Affairs	Tile Drainage Project	Apply Global Positioning System (GPS) and Geographic Information System (GIS) technology to support the standardized collection of drainage information from the drainage contractors.	Ontario			Ontario Ministry of Agriculture, Food, and Rural Affairs