

NGWMN Data Provider Data Management Plan for New Jersey

Types of data

Water-level and water-quality data to assess the conditions of the water resources at the Principal aquifer scale are being collected. Daily water-level data is collected at 103 wells. Water-quality data is collected every three years at 148 wells.

Data and metadata standards

All data are entered into the USGS NWIS databases and are loaded into the NGWMN Well Registry. The water-level, well construction data, and lithology data will be stored in the agency 'GWSI' database. Water-quality data is stored in the 'QWDATA' database and water-levels from these sampling events are also added to 'GWSI'. Data is reviewed and approved according to USGS and New Jersey Water Science Center policy. Water-level data is collected using a PDA and the 'MONKES' application. The application requires that two water-level measurements are made that are within .02 feet. Water-quality data is reviewed and re-runs are requested, as needed.

Policies for access and sharing

All data collected for the project and as part of routine data collection by the USGS will be available through the NGWMN Data Portal without restriction.

Policies and provisions for re-use, re-distribution

There will be restriction on the use of the data through the portal. Any data obtained through the portal and redistributed is expected to cite the source of the data. The data is collected by the USGS as part of the Cooperative Water Program with the New Jersey Department of Environmental Protection.

Plans for archiving and preservation of access

Water-level data is collected using a PDA and the 'MONKES' application. 'MONKES' files and the electronic data downloaded during site visits are stored in a folder for each well in the network. Data from MONKES is also uploaded into the NWIS 'Site Visit' database. Paper copies of the field forms used to collect the water-quality are scanned and stored by the agency. This data will be included in our normal weekly system backups. The NWIS databases are backed up daily.