

Groundwater Information Dissemination by Interactive Website

The Geological Survey Alabama's (GSA) Water Information Section has been collecting pertinent groundwater data for decades. With the advent of the internet and Geological Survey of Alabama website, this information will no longer be disseminated solely through published annual reports printed on paper. Release of this information on the internet will improve public access to the available information as well as improve the ability to interpret the data. Several different aspects of water data release are planned; a few are already available.

Groundwater is a very important resource in Alabama. Forty percent of our drinking water comes from groundwater. In the Coastal Plain of Alabama, 27 of 36 counties rely exclusively on ground water. In addition to being vital to public water supply, groundwater provides baseflow to streams during dry weather. The Geological Survey of Alabama monitors groundwater levels across the state to determine the ability of the State's groundwater resources to meet current demands. Traditionally this data has been available through annual reports printed on paper. The 18 continuous recording wells are currently posted on the GSA website and soon the approximately 450 periodically measured monitoring wells will also be posted. Links will take you from a map of the state to the information available in a specific area of interest. Our water well records which are currently in archived in 11 file cabinets. They are being scanned and will soon be available on line, saving the researchers travel to our offices. Contract work done by our groundwater experts has always been available to the public through our Open File Reports shelved in the GSA library but will soon be posted on line for easy access. Some of these reports have already been released as CD's with interactive elements incorporated into them.

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