

# Arizona Department of Water Resources

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**NEWS  
RELEASE**



Jan Brewer,  
Governor  
Herb Guenther,  
Director  
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Public Information Office  
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## Hydrology Field Staff to Measure Water Levels in Yavapai and Coconino Counties

Throughout March and April 2009, the ADWR Hydrology Field Services Section - Basic Data Unit will have crews traveling throughout Coconino and Yavapai Counties to take "basin sweep" measurements of water levels in local wells.

A basin sweep is an intensive effort within a groundwater basin to measure as many wells as possible to obtain a comprehensive picture of the groundwater system.

The last Verde River Groundwater Basin (Big Chino and Verde Valley Sub-basins only) and Prescott Active Management Area (AMA) basin-wide measurement effort took place in 2004. Approximately 1,000 wells were measured over a six-week period.

The last basin-sweep of the Verde Canyon Sub-basin was conducted by the U.S. Geological Survey (USGS) back in 1976. This will be the first time the ADWR has measured water-levels in the Verde Canyon. The data are used to develop water-level maps and to support scientific, planning, and management studies of the groundwater basins and AMA's aquifer system.

ADWR staff visits about 6,000 wells each year statewide. Measurements are stored in a database known as the Groundwater Site Inventory (GWSI), available online at <http://arcims.azwater.gov/gwsi/waterresourcedata.aspx>. A CD version of GWSI is also available through the ADWR bookstore at (602) 771-8627.

Data are used for:

- Resource management
- Preparation of groundwater models
- Water level trend analysis
- Water level map construction
- Development of annual water budgets
- Assured & adequate water supply analysis

For additional information, contact:  
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**\*\*\* PUBLIC SERVICE ANNOUNCEMENT \*\*\***

**ADWR WATER LEVEL MEASUREMENT EFFORT UNDERWAY**

In March and April 2009, hydrologists of the Arizona Department of Water Resources will be working throughout the Prescott Active Management Area and the Verde Valley to measure water levels in wells. The last Verde River Groundwater Basin (Big Chino and Verde Valley Sub-basins only) and Prescott Active Management Area (AMA) basin-wide measurement effort took place in 2004. Approximately 1,000 wells were measured over a six-week period.

The data are used to develop water level maps and to support scientific, planning, and management studies of the AMA's aquifer system. For more information, please contact Rick Herther of ADWR's Basic Data Unit at (602) 771-1511 or (602) 679-7689.