



IDAHO DEPARTMENT OF
WATER RESOURCES

NEWS RELEASE – FOR IMMEDIATE RELEASE

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New Treasure Valley Groundwater Flow Model has been completed

Dynamic, 3-D Model provides new information about the SW Idaho aquifer system

BOISE – (May 4, 2023) – The Idaho Department of Water Resources, in partnership with the U.S. Geological Survey and the Idaho Water Resource Board, recently completed a new [Treasure Valley Groundwater Flow Model \(Model\)](#).

The Model was developed in response to concerns about the potential impacts of rapid population growth and land use changes on surface and groundwater resources. IDWR, the Water Board, and other state, federal and local government agencies will use the Model for future water-supply planning and management.

The Idaho Legislature submitted a formal request for a new model to the Idaho Water Resource Board in 2016. In response, the Water Resource Board authorized \$2.5 million for a study involving hydrologic data collection, data interpretation, development, calibration, and documentation of a numerical groundwater flow model.

A modeling technical advisory committee (MTAC) was established at the beginning of the study to provide a forum for stakeholder input. The MTAC met on a quarterly basis throughout model development and the meeting materials are archived on the [IDWR web site](#). The Model and associated computer files are available on the [USGS web site](#). A final report is currently under scientific peer review.

Please see the attached briefing paper for additional details about the new Model.

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