PHOENIX AMA MODEL FAQS

WHAT ARE THE RESULTS OF THE PHOENIX AMA MODEL RUN?

The Phoenix Active Management Area (AMA) is a region of south-central Arizona encompassing 5,646 square miles and, with 4.6 million residents, the most densely populated area in the state.

The results of the numerical basin-scale groundwater flow model projection show that over a period of 100 years, the Phoenix AMA will experience 4.86 million acre-feet (maf) of unmet demand for groundwater supplies, representing 4% of total demand.

The constraints regarding the physical availability of groundwater are attributable to the cumulative results of decades of groundwater overdraft and the continued reliance on groundwater resources.

DOES THIS MODEL UTILIZE THE LATEST TECHNOLOGY & HAS IT BEEN PEER-REVIEWED?

This Phoenix AMA model is the most comprehensive, basin-scale numerical groundwater model developed for an Arizona AMA. The model has been rigorously peer-reviewed and represents the best-available science for evaluating the physical availability of groundwater.

IS GROWTH GOING TO SLOW IN THE PHOENIX AMA DUE TO THIS SITUATION?

Growth will continue in the Phoenix AMA across significant volumes of approved Certificates of Assured Water Supply, within the service areas of water providers that have a Designation of 100-year Assured Water Supply, and in areas that are not solely reliant on groundwater. Additionally, no already approved Certificates will be rescinded. The assured water supply program considers the potential for reduced groundwater and ensures that alternative water supplies are available in advance of growth.

Governor Katie Hobbs has announced a $40 million investment of American Rescue Plan Act funds to spur increased water conservation, fund critical water infrastructure and promote sustainable groundwater management throughout the State.

For more information on the Phoenix AMA Model visit the Arizona Department of Water Resources (ADWR) Phoenix AMA Groundwater Supply Updates webpage. In addition, residents can subscribe to ADWR's blog (azwaternews.com) to receive the latest updates.