

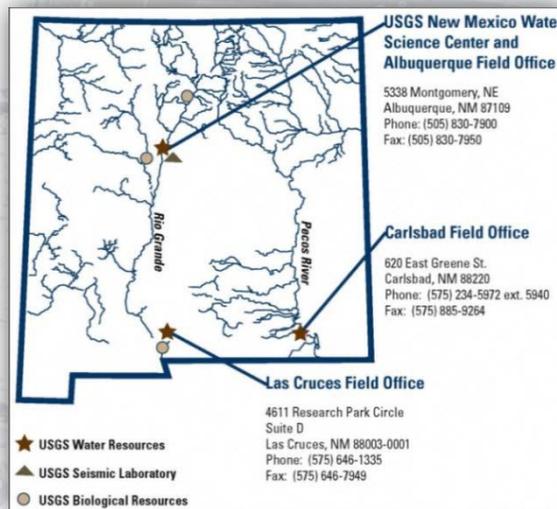
Rio Grande at Embudo Stream Gage



Dear Colleague/Cooperator/Stakeholder:

The U.S. Geological Survey (USGS), New Mexico Water Science Center, works in cooperation with approximately 40 municipalities, counties, tribes, compact commissions, and other local, State, and Federal agencies in New Mexico to provide reliable, impartial scientific information to resource managers, planners, and other customers. In addition to the collection of groundwater, surface-water, water-quality, sediment, and precipitation data, New Mexico Water Science Center conducts interpretive studies. Some of the projects being conducted include: (1) Rio Grande National Water Quality Assessment study to identify important factors that affect the transport of anthropogenic and natural contaminants; (2) determination of potential groundwater flow paths that could allow metals leached from coal-combustion byproducts stored in reclaimed mine pits, to discharge to wells and streams; (3) determination of the effect of increased groundwater withdrawals on the surface-water and groundwater system of the upper Hondo River basin in Lincoln County; (4) documentation of hydrologic conditions, including surface-water/groundwater interactions, within the Mesilla basin; (5) collection of hydrologic data to be used in the analysis of the magnitude and frequency of peak flows for use in the design of highway drainage studies; and (6) simulation of groundwater flow in the southern Mesilla Basin in New Mexico, Texas, and northern Mexico.

If you have any questions or concerns with which we can assist you, contact us or visit our Web site at: <http://nm.water.usgs.gov> or the national Web site at: <http://water.usgs.gov>. We look forward to serving you in the near future.





**MISSION:** To provide reliable, impartial, timely information that is needed to understand the Nation's water resources.

The Water Mission Area actively promotes the use of this information by decision makers to:

- Minimize the loss of life and property as a result of water-related natural hazards, such as floods, droughts, and land movement.
- Effectively manage groundwater and surface-water resources for domestic, agriculture, commercial, industrial, recreational, and ecological uses.
- Protect and enhance water resources for human health, aquatic health, and environmental quality.
- Contribute to wise physical and economic development of the Nation's resources for the benefit of present and future generations.

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