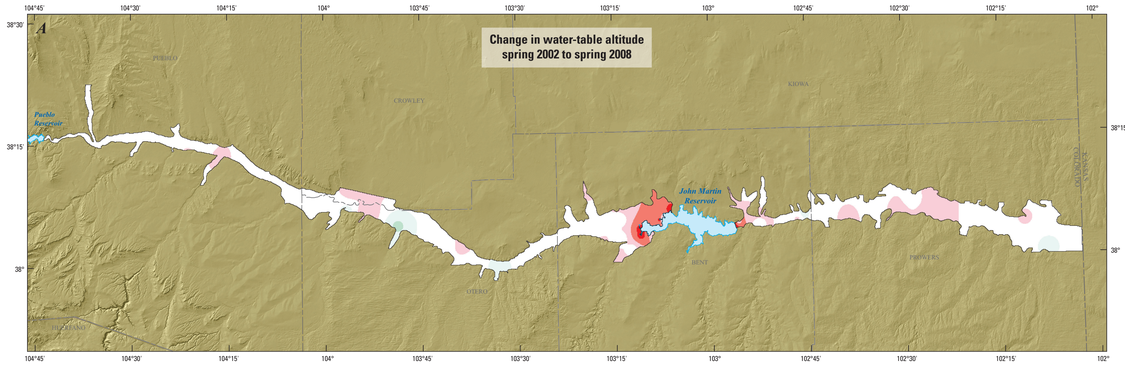
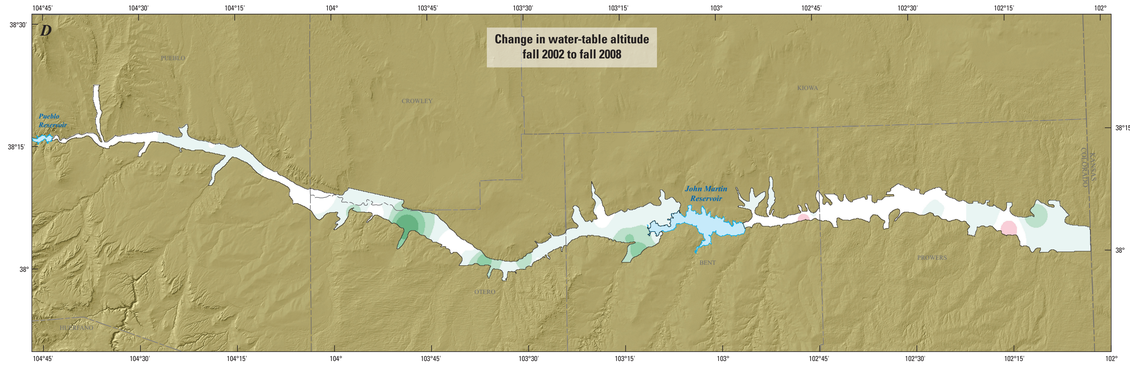
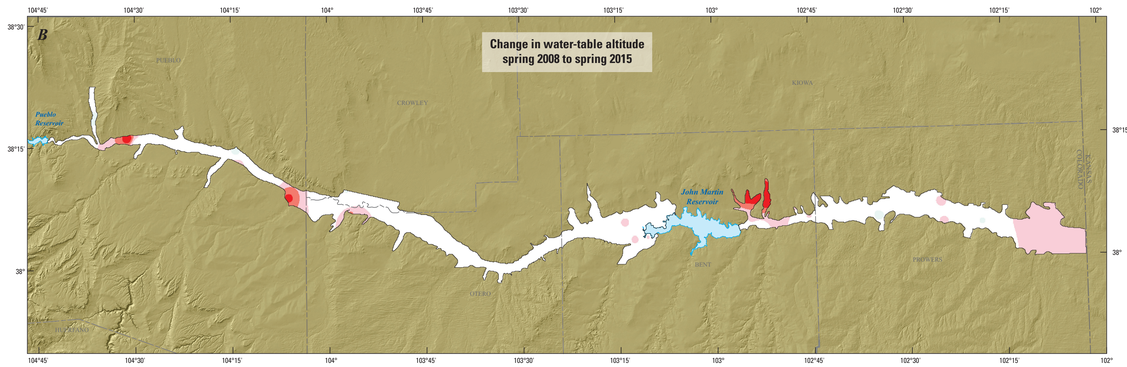
U.S. Department of the Interior
U.S. Geological Survey

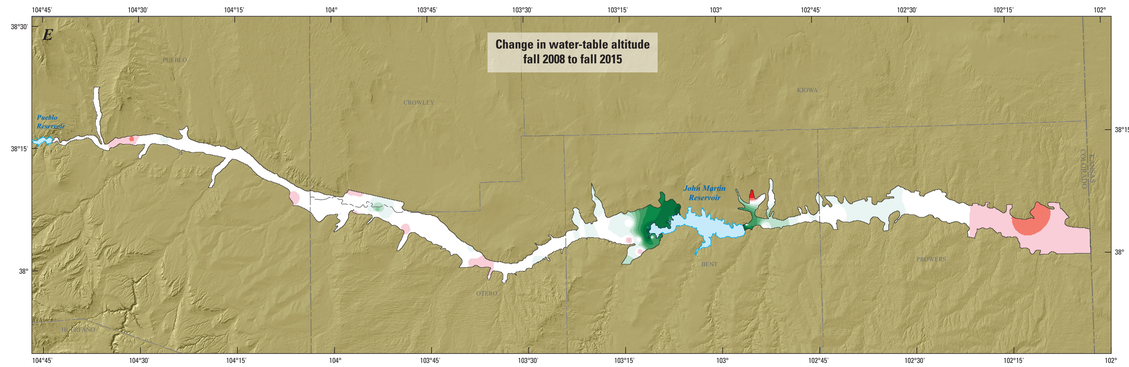
Prepared in cooperation with the
Lower Arkansas Valley Water Conservancy District

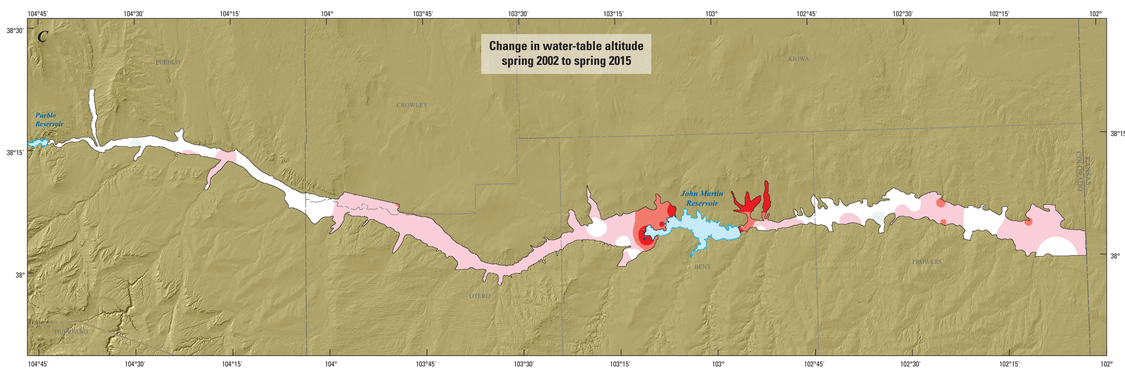
Scientific Investigations Map 3378
Sheet 2 of 3
Pamphlet accompanies map

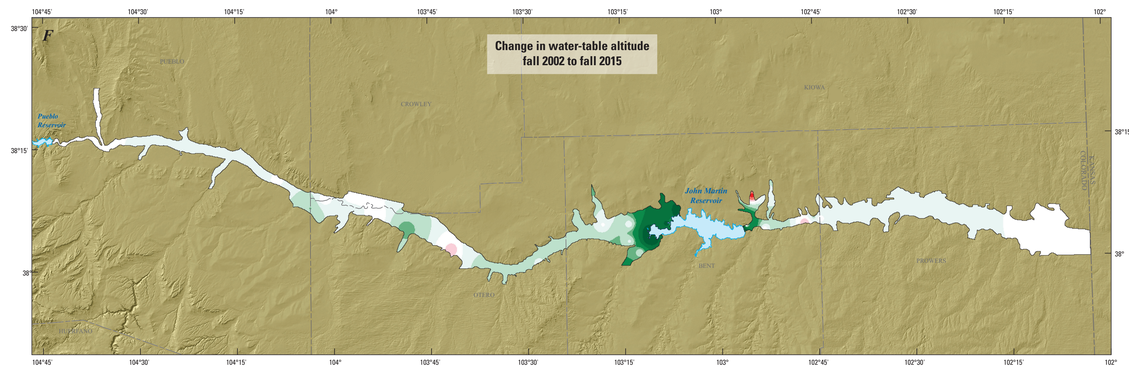












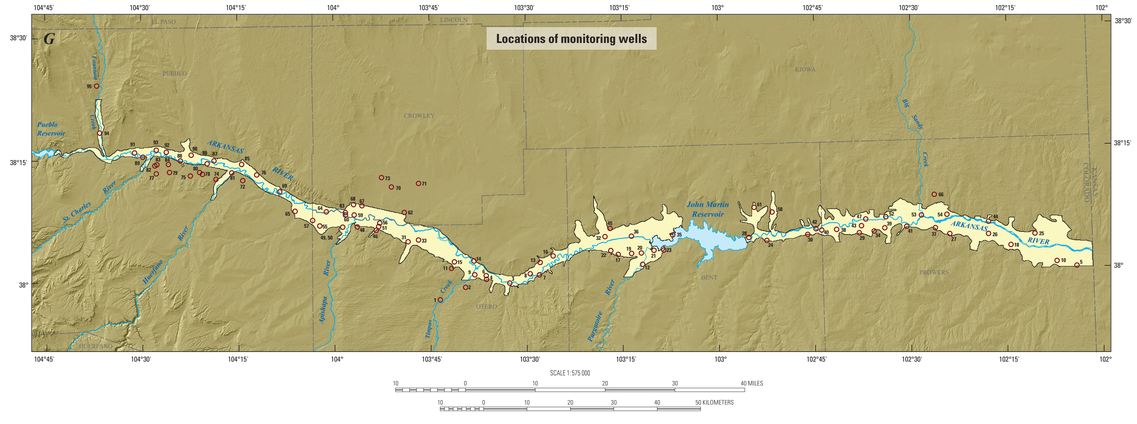
EXPLANATION

Water-table change, in feet (ft)

- 30.1 to 40.0
- 20.1 to 30.0
- 15.1 to 20.0
- 10.1 to 15.0
- 7.1 to 10.0
- 5.1 to 7.0
- 3.1 to 5.0
- 1.1 to 3.0
- -0.9 to 1.0
- -2.9 to -1.0
- -4.9 to -3.0
- -6.9 to -5.0
- -7.2 to -7.0

Base from U.S. Geological Survey National Elevation Dataset (NED), accessed in 2012, and available at https://catalog.data.gov/dataset/usgs-national-elevation-dataset-ned
Universe Transverse Mercator projection, zone 13
Cities, towns, and State and County boundaries from U.S. Department of Commerce, U.S. Census Bureau, accessed May 2016 at http://datagateway.nrcs.usda.gov/
Reservoir Boundaries from Colorado Division of Water Resources, accessed May 2016 at http://datagateway.nrcs.usda.gov/.

6.8°
True North
Magnetic North
APPROXIMATE MEAN DECLINATION, 2012



EXPLANATION

- Rivers and streams
- EL PASO — County boundary
- KANSAS / COLORADO — State boundary
- 21 — Monitoring well and well number—See appendix 1 for well information and measured water levels

Valley fill boundary from Hurr and Moore (1972), and Nelson and others (1989a, b, c)

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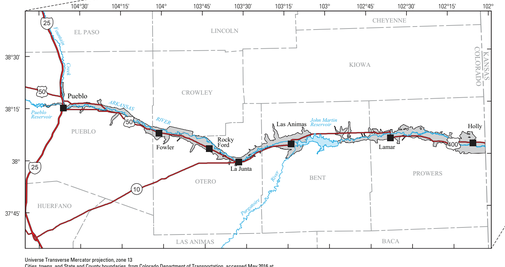

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Roads from U.S. Department of Commerce, U.S. Census Bureau, accessed July 7, 2016 at https://gis.sc.egov.usda.gov/GDGOrder.aspx

Scale 1:1 350 000
0 10 20 30 40 50 MILES
0 10 20 30 40 50 KILOMETERS

EXPLANATION

- Study area
- River or creek
- County boundary
- State Boundary
- Interstate route
- U.S. route
- State route
- La Junta — City or town

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Estimated Change in Water-Table Altitude, Spring-to-Spring, 2002–2008, 2018–2015, and 2002–2015; Fall-to-Fall, 2002–2008, 2018–2015, and 2002–2015; and Locations of Monitoring Wells in the Alluvium of the Lower Arkansas River Valley, Southeast Colorado

By
Michael J. Holmberg
2017

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