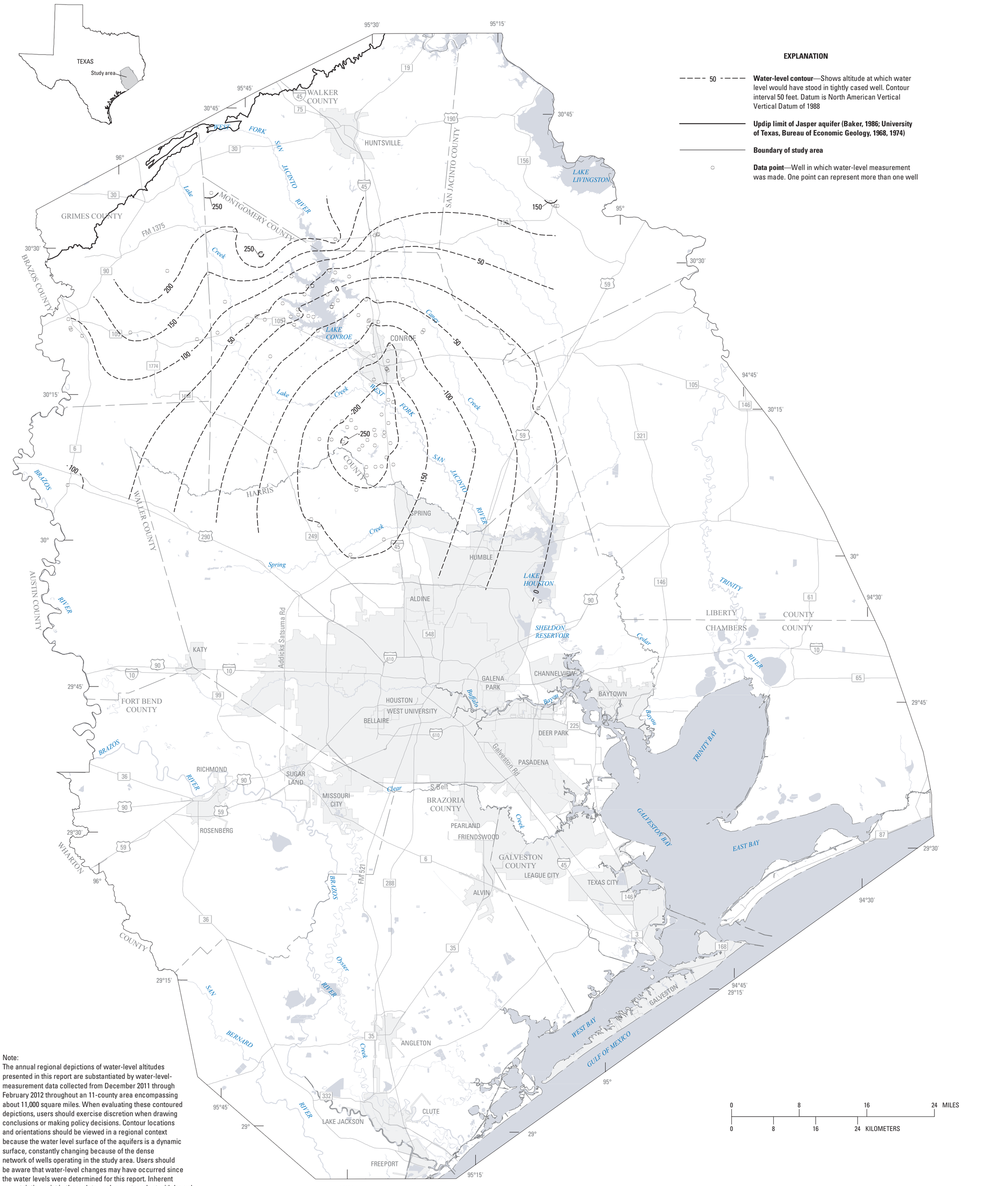
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
HARRIS–GALVESTON SUBSIDENCE DISTRICT,
CITY OF HOUSTON, FORT BEND SUBSIDENCE DISTRICT,
LONE STAR GROUNDWATER CONSERVATION DISTRICT, AND
BRAZORIA COUNTY GROUNDWATER CONSERVATION DISTRICT

Kasmarek, M.C., Johnson, M.R., and Ramage, J.K., 2012, Water-level altitudes 2012 and water-level changes in the Chicot, Evangeline, and Jasper aquifers and compaction 1973–2011 in the Chicot and Evangeline aquifers, Houston–Galveston region, Texas



Note:
The annual regional depictions of water-level altitudes presented in this report are substantiated by water-level-measurement data collected from December 2011 through February 2012 throughout an 11-county area encompassing about 11,000 square miles. When evaluating these contoured depictions, users should exercise discretion when drawing conclusions or making policy decisions. Contour locations and orientations should be viewed in a regional context because the water level surface of the aquifers is a dynamic surface, constantly changing because of the dense network of wells operating in the study area. Users should be aware that water-level changes may have occurred since the water levels were determined for this report. Inherent uncertainties exist in these data such as antecedent withdrawal rates and the pumping status of nearby wells. Users should not use these data for critical applications without a full awareness of their limitations.

Sheet 11. Map showing approximate 2012 water-level altitudes in the Jasper aquifer, Houston–Galveston region, Texas, water-level-measurement data collected during December 2011–February 2012.

Base from U.S. Geological Survey, Digital data, 1:100,000
Universal Transverse Mercator projection, Zone 15
North American Datum of 1927

Water-Level Altitudes 2012 and Water-Level Changes in the Chicot, Evangeline, and Jasper Aquifers and Compaction 1973–2011 in the Chicot and Evangeline Aquifers, Houston–Galveston Region, Texas

By
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Information regarding water resources in Texas is available at http://tx.usgs.gov/