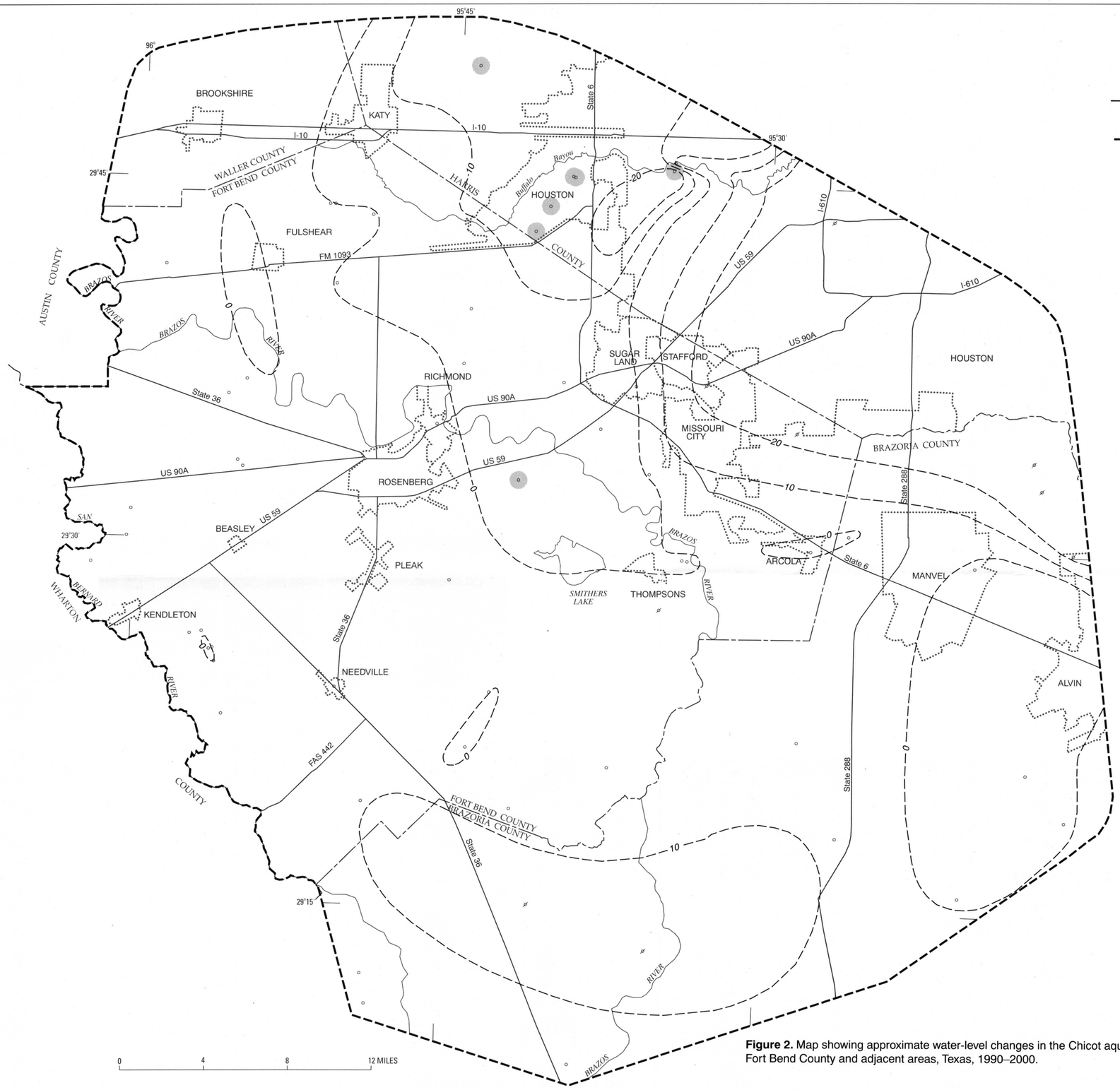
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

IN COOPERATION WITH THE
FORT BEND SUBSIDENCE DISTRICT

OPEN-FILE REPORT 00–093

Approximate water-level changes, Chicot aquifer, 1990–2000—SHEET 2 OF 6

Coplin, L.S., and Santos, H.X., 2000, Water-level altitudes 2000 and water-level changes 1990–2000 and 1999–2000 in the Chicot and Evangeline aquifers, Fort Bend County and adjacent areas, Texas



EXPLANATION

- 20 — **Line of equal water-level change**—Interval 10 feet
- **Boundary of study area**
- **Well used for control**—Can represent more than one well
- **Well**—Shade indicates 2000 water level at least 10 feet lower than 1990 water level
- **Well**—Bar indicates 2000 water level at least 10 feet higher than 1990 water level

Note: In areas where data are sparse or nonexistent, locations of contours are based on supplemental control points (not shown) created by intersections of contours from 2000 water-level-altitude map (fig. 1) and 1990 water-level-altitude map (Kasmarek, 1997, fig. 1) or control points (not shown) outside the study area.

Figure 2. Map showing approximate water-level changes in the Chicot aquifer, Fort Bend County and adjacent areas, Texas, 1990–2000.

Base from U.S. Geological Survey digital data, 1:100,000
Universal Transverse Mercator projection
Zone 15

WATER-LEVEL ALTITUDES 2000 AND WATER-LEVEL CHANGES 1990–2000 AND 1999–2000 IN THE CHICOT AND EVANGELINE AQUIFERS, FORT BEND COUNTY AND ADJACENT AREAS, TEXAS

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2000

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