

**DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY**

**APPROXIMATE WATER-LEVEL CHANGES IN WELLS
IN THE CHICOT AND EVANGELINE AQUIFERS
1977-83 AND 1982-83, AND MEASURED COMPACTION
1973-83, IN THE HOUSTON-GALVESTON REGION, TEXAS**

By

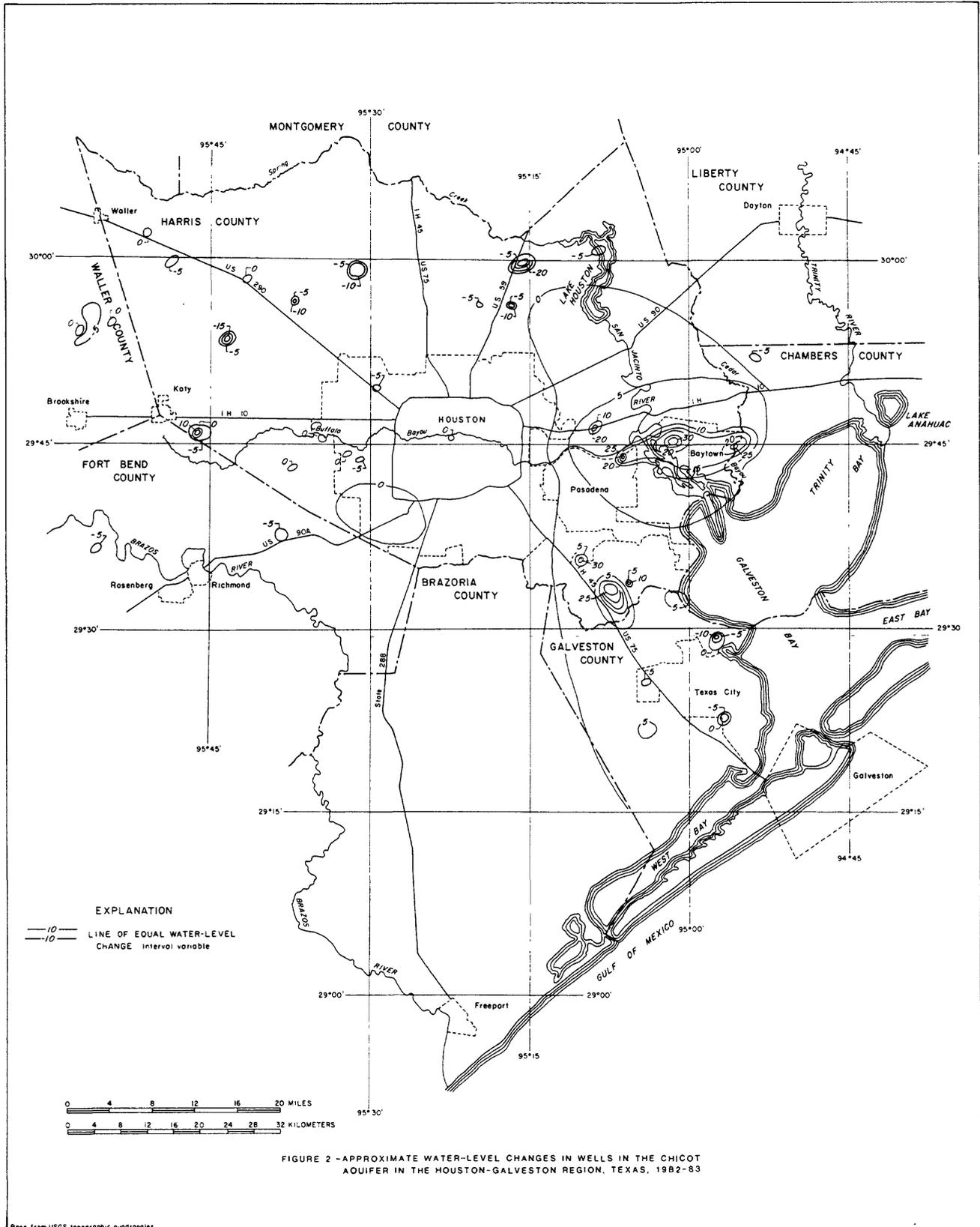
J.L. Strause and C.E. Ranzau, Jr.

**U.S. GEOLOGICAL SURVEY
OPEN-FILE REPORT 83-150**



**Prepared in cooperation with the City of Houston,
the Harris-Galveston Coastal Subsidence District,
and the Texas Department of Water Resources**

MARCH 1983



Base from USGS topographic quadrangles

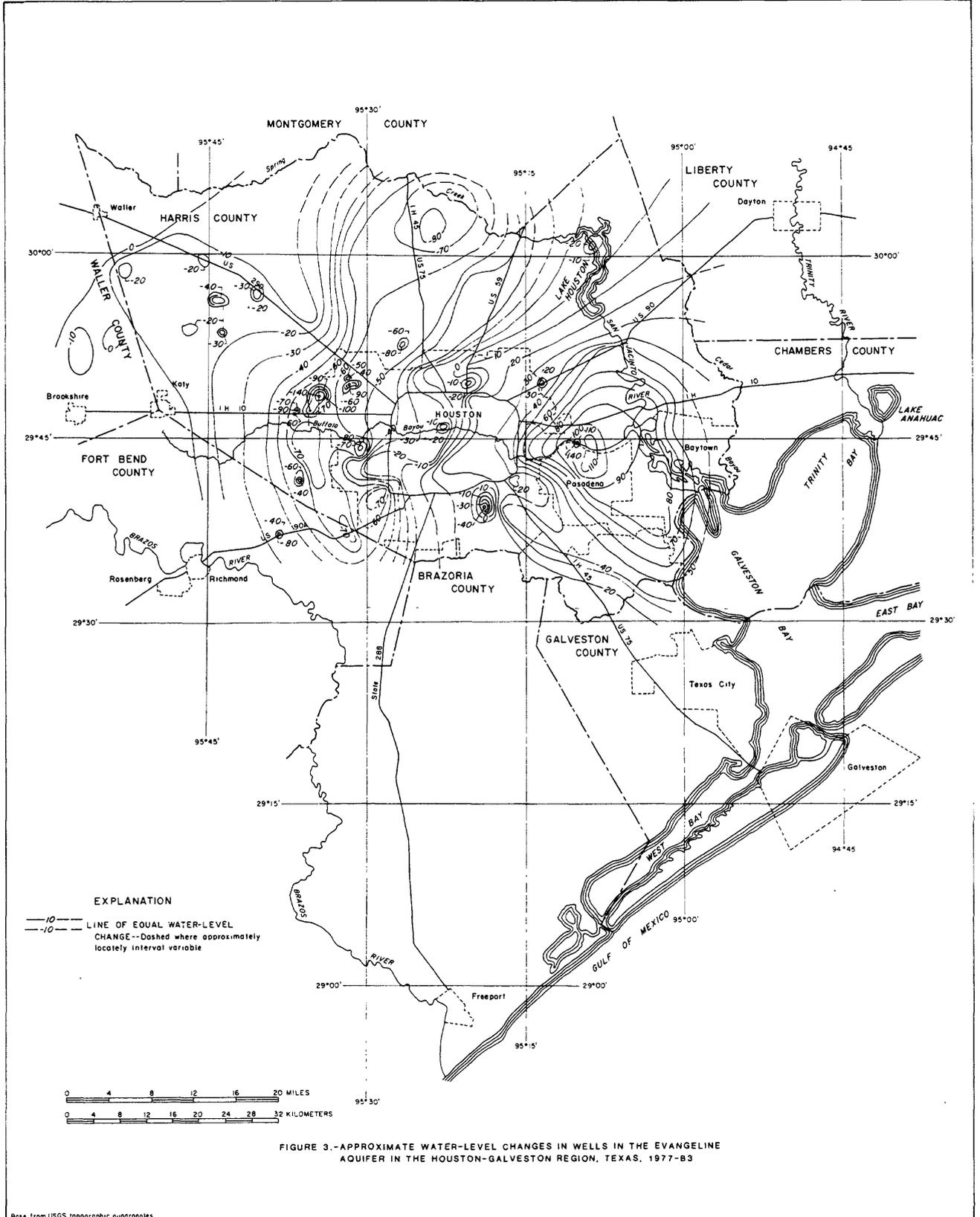
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FIG 2



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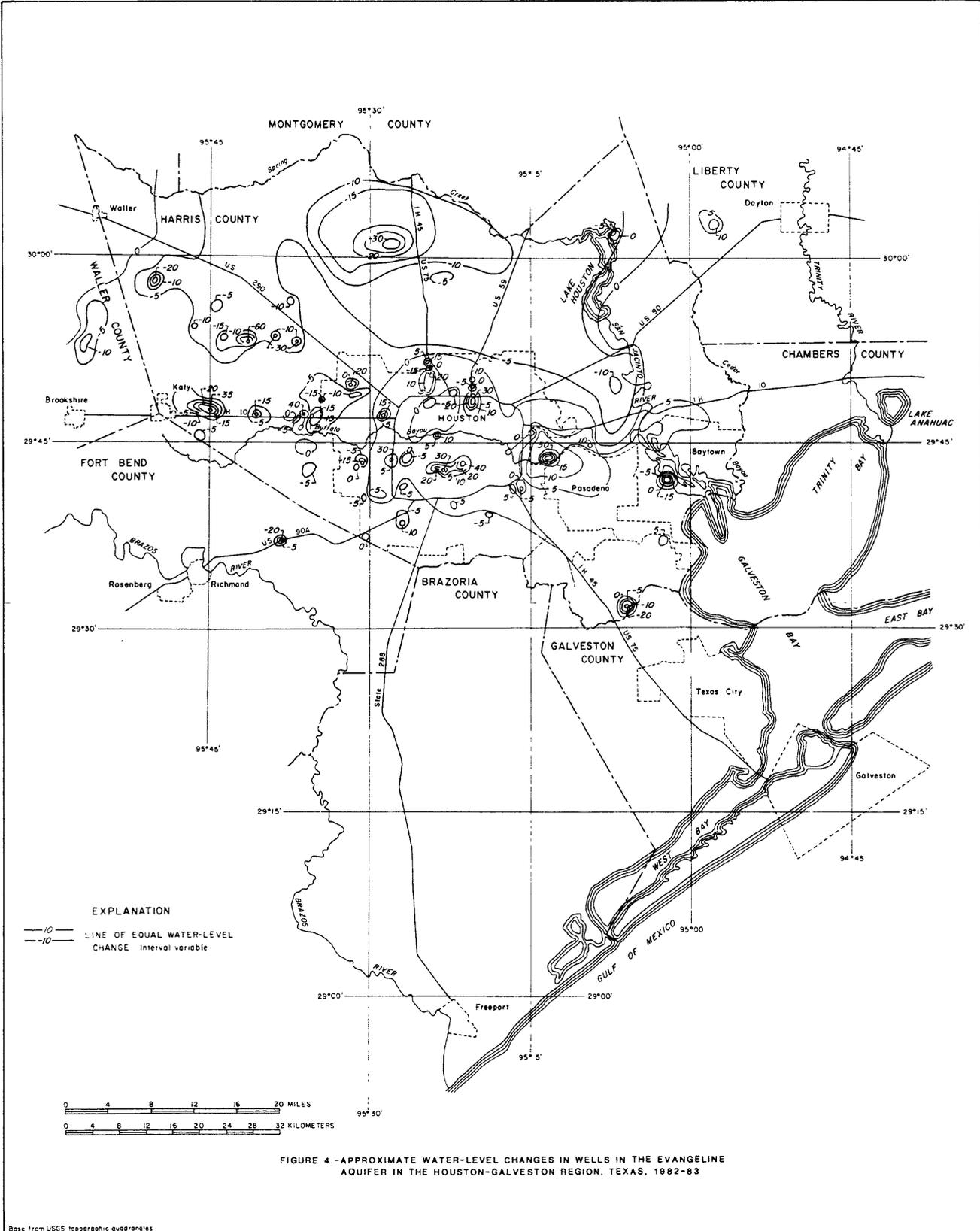


FIGURE 4.—APPROXIMATE WATER-LEVEL CHANGES IN WELLS IN THE EVANGELINE AQUIFER IN THE HOUSTON-GALVESTON REGION, TEXAS, 1982-83

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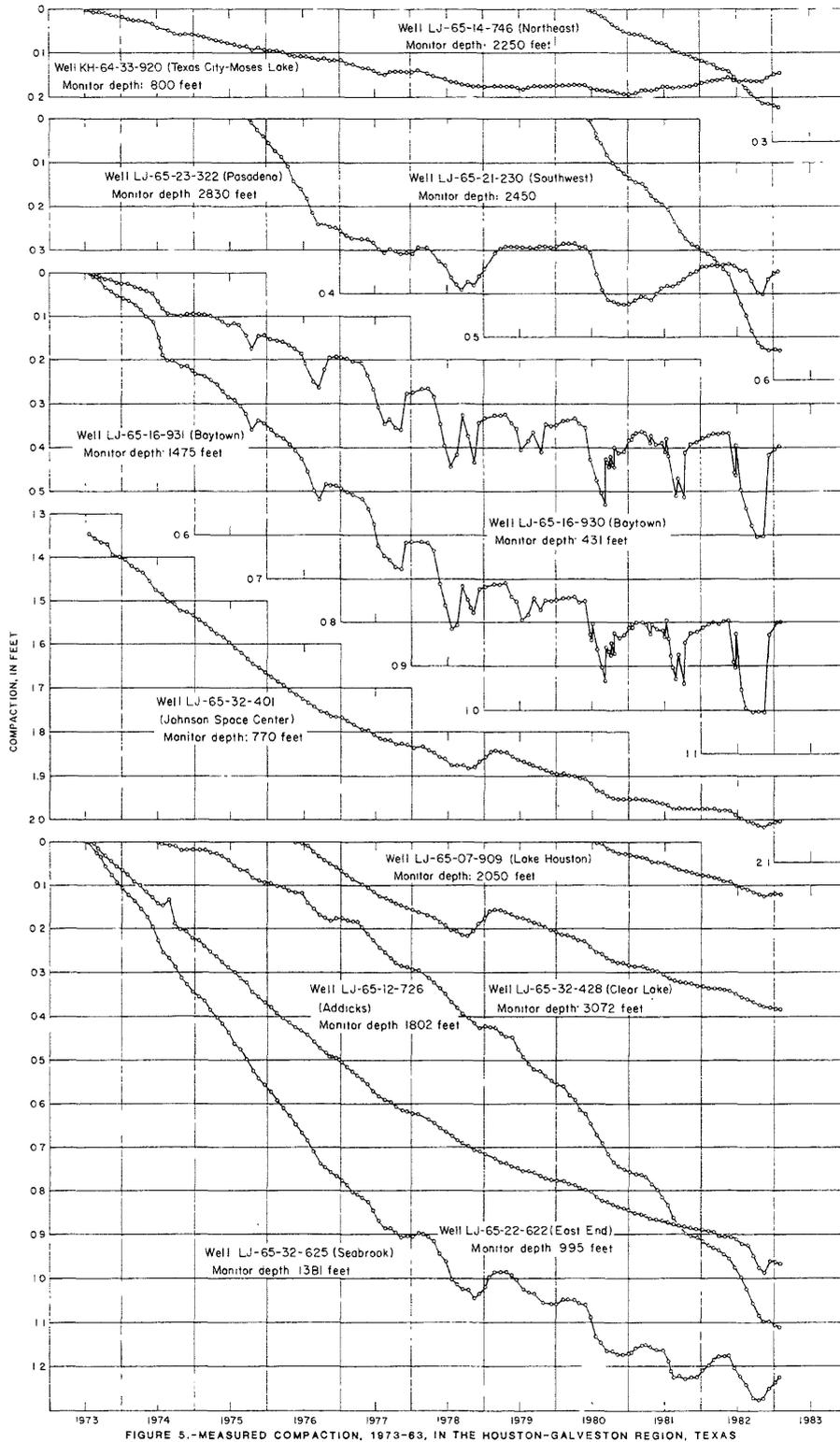


FIGURE 5.-MEASURED COMPACTION, 1973-83, IN THE HOUSTON-GALVESTON REGION, TEXAS

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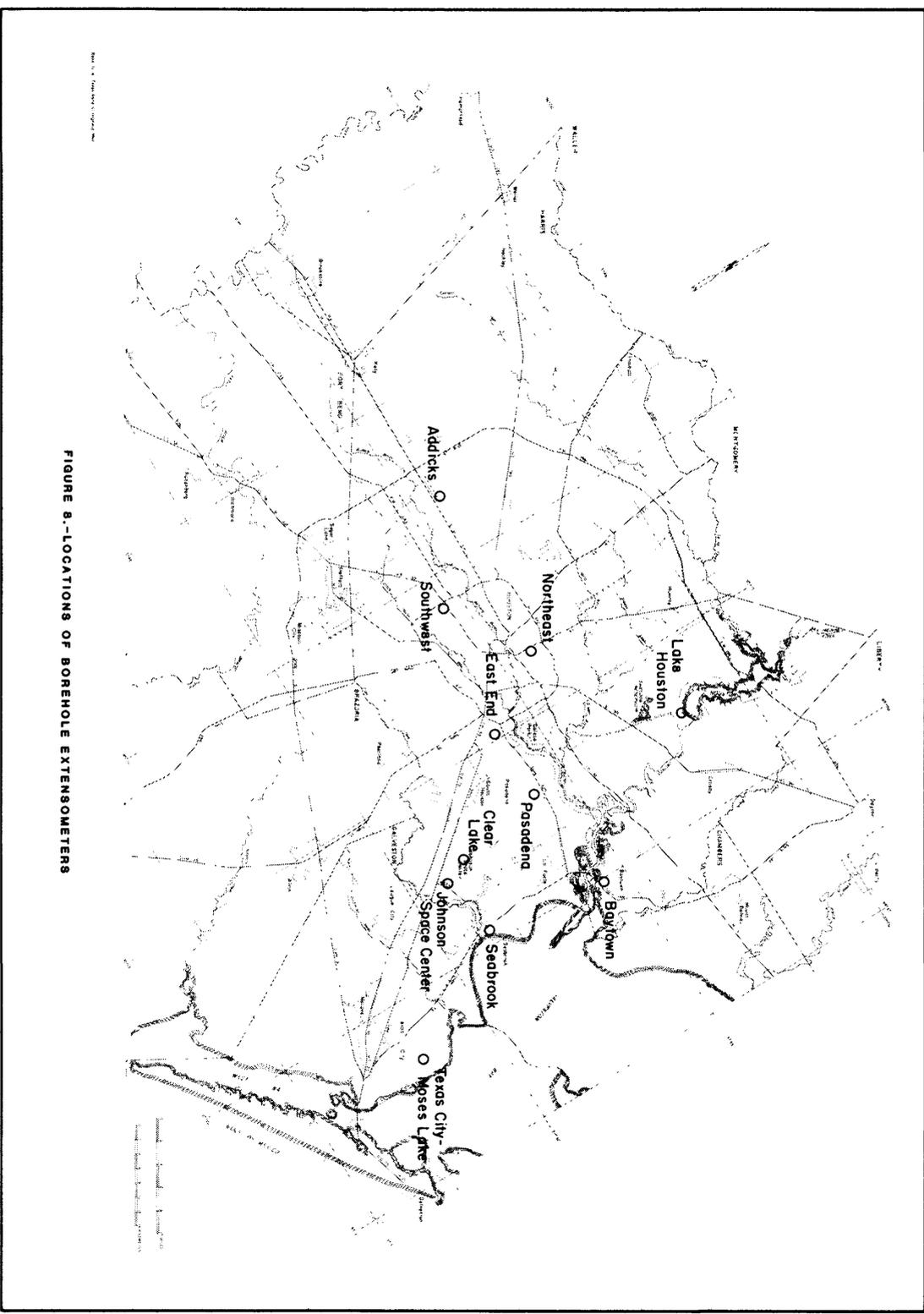


FIGURE 8.-LOCATIONS OF BOREHOLE EXTENSOMETERS

APPROXIMATE WATER-LEVEL CHANGES IN WELLS IN THE CHICOT AND EVANGELINE AQUIFERS, 1977-83
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