EXPLANATION

- Line of equal water-level rise—Intervals 20 and 40 feet
- Line of equal water-level decline—Intervals 20 and 40 feet
- Line of zero water-level change
- Boundary of study area
- Updip limit of Chicot aquifer (Baker, 1979; University of Texas, Bureau of Economic Geology, 1968)

Note: The change map was generated by mathematically subtracting a gridded surface of the 1977 water-level-altitude map (Gabrysch, 1979), supplemented by additional 1977 water levels, from a gridded surface of this year’s water-level-altitude map and then contouring the resultant gridded surface. Data points (wells in which water-level measurements were made) used to construct the two water-level-altitude maps are shown on those maps, respectively.