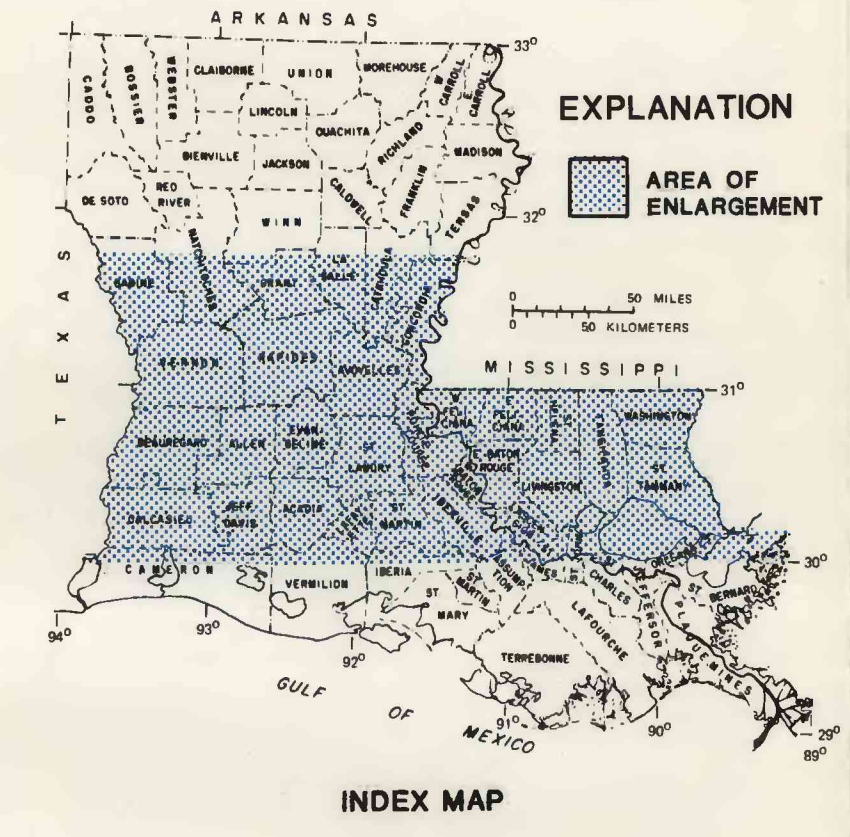


Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Mean Sea Level of 1929."

- EXPLANATION**
- OUTCROP OF THE LOWER JASPER AQUIFER
 - OUTLIER OF TERRACE DEPOSITS
 - 100- POTENTIOMETRIC CONTOUR--Shows altitude to which water will rise in tightly cased wells. Contour interval is 20 feet. Contours below -100 not shown. Datum is sea level
 - CONTROL POINT--Top number is altitude of potentiometric surface, in feet above or below sea level. Bottom number is depth of well, in feet below land surface
 - BATON ROUGE FAULT--Dashed where approximately located
- Water-level data are largely from 1984, but earlier and later data were used where data from 1984 were unavailable and evidence indicated little change had occurred, or where a regional trend could be established



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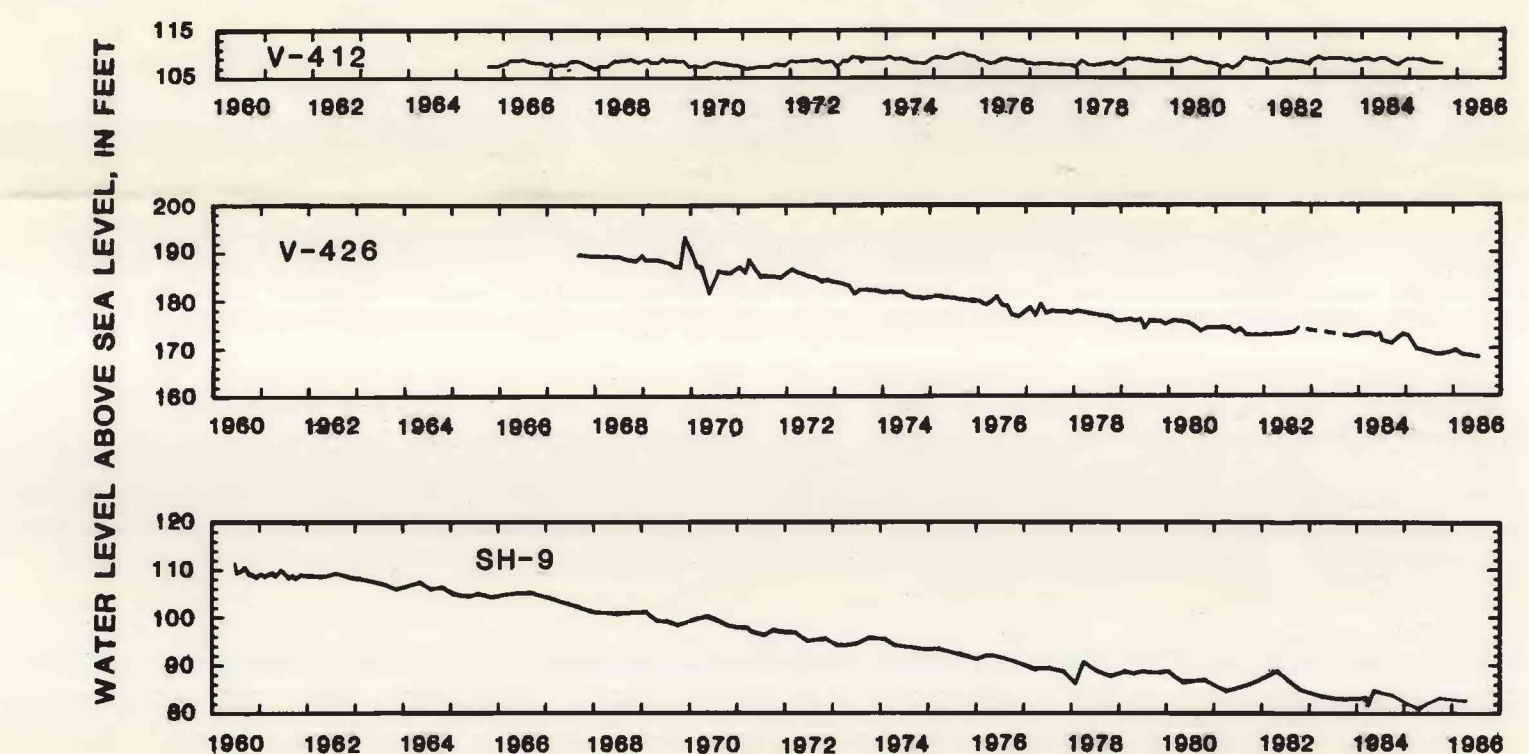
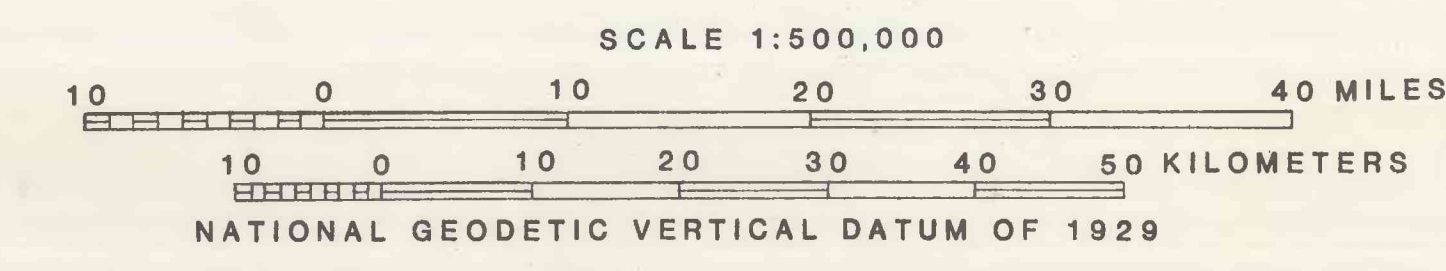


Figure 2.--Hydrographs of observation wells V-412, V-426 (Vernon Parish) and SH-9 (St. Helena Parish).

Base from U.S. Geological Survey State base map, 1968



Hydrology modified (Smoot, C.W., U.S. Geological Survey, written commun., 1986) Geology from Geologic Map of Louisiana, 1984, Louisiana Geological Survey

For additional information write to:

District Chief
U.S. Geological Survey
P.O. Box 56492
Baton Rouge, Louisiana 70896
Telephone: (504) 389-0281

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1988