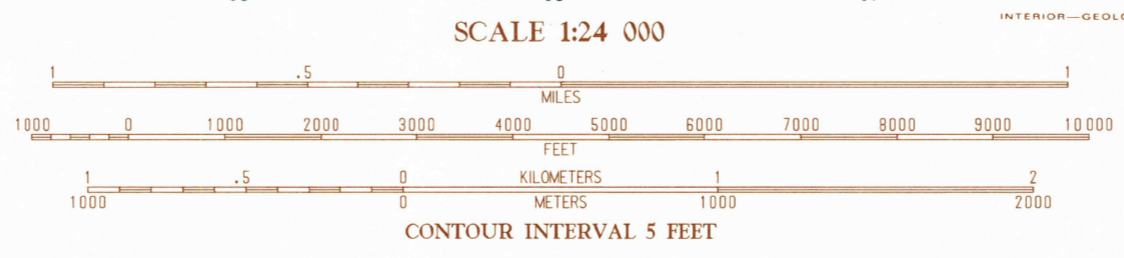


PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY CONTROL BY USGS AND NOS/NOAA AND LOUISIANA HIGHWAY DEPARTMENT COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981 FIELD CHECKED 1983 MAP EDITED 1984 PROJECTION LAMBERT CONFORMAL CONIC GRID 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 15 1000-FOOT STATE GRID TICKS LOUISIANA SOUTH ZONE UTM GRID DECLINATION 0°02' EAST 1984 MAGNETIC NORTH DECLINATION 5°00' EAST VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929 HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (19 meters south and 15 meters east) There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map No distinction made between houses, barns, and other buildings All or part of this quadrangle lies within an area of subsidence Where omitted, land lines have not been established

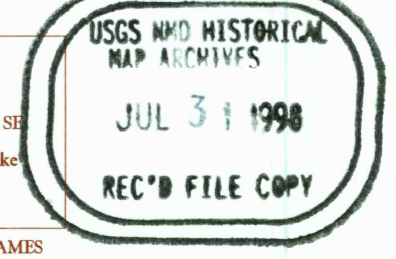
**PROVISIONAL MAP**  
Produced from original manuscript drawings. Information shown as of date of photography.



ROAD LEGEND

|  |                  |
|--|------------------|
|  | Improved Road    |
|  | Unimproved Road  |
|  | Trail            |
|  | Interstate Route |
|  | U.S. Route       |
|  | State Route      |

|   |   |   |   |                 |
|---|---|---|---|-----------------|
| 1 | 2 | 3 | 1 | Iowa            |
|   |   |   | 2 | Lacassine       |
|   |   |   | 3 | Wahki South     |
|   |   |   | 4 | Lake Charles SW |
|   |   |   | 5 | Thornwell       |
|   |   |   | 6 | Boudreaux Lake  |
|   |   |   | 7 | Lake Misere     |
|   |   |   | 8 | Latania Lake    |



HAYES, LOUISIANA  
SW/4 WELSH 19 QUADRANGLE  
PROVISIONAL EDITION 1984

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