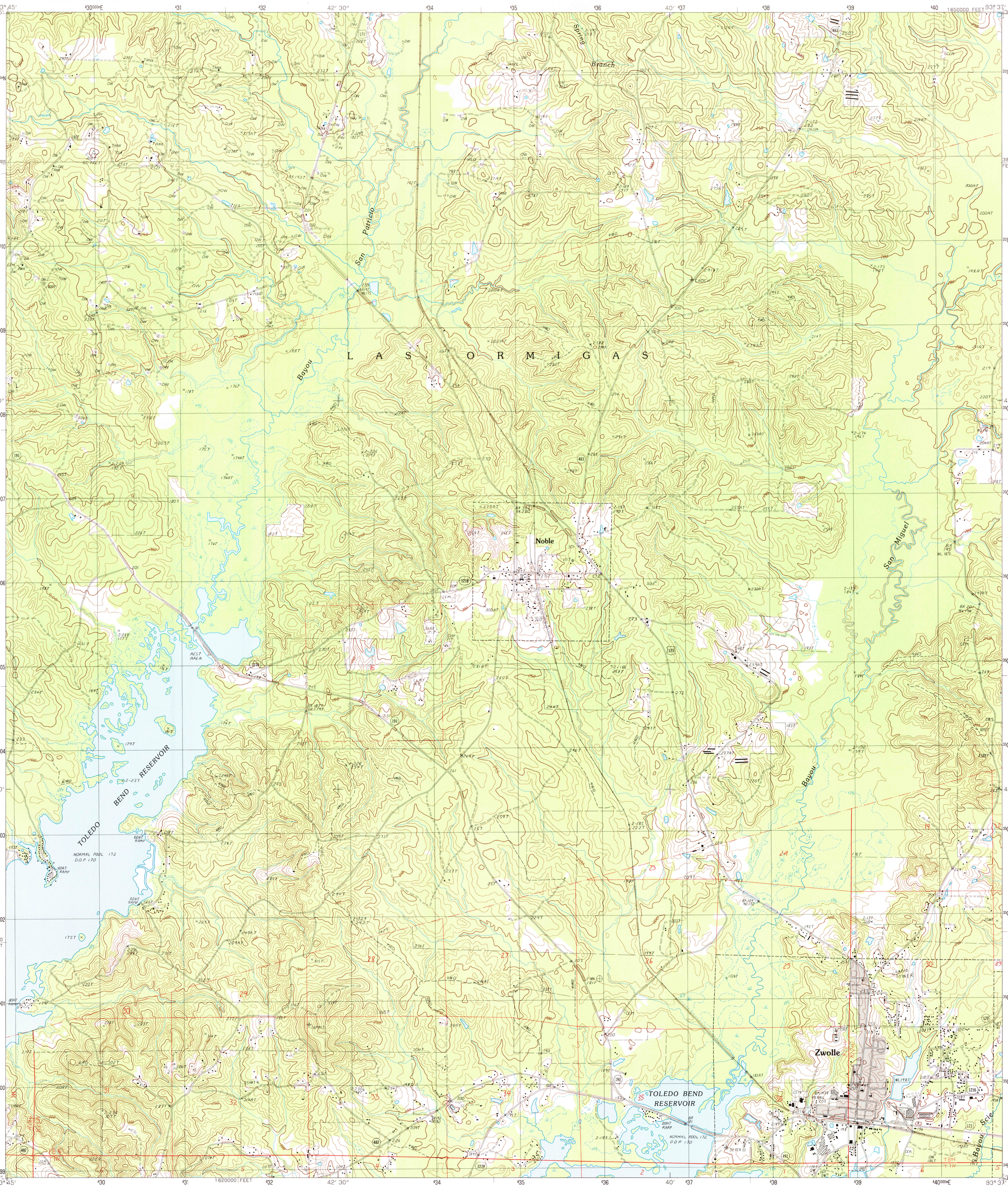
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ZWOLLE QUADRANGLE
LOUISIANA–SABINE PARISH
7.5 MINUTE SERIES (TOPOGRAPHIC)




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN ..... 1982
FIELD CHECKED ..... 1985. MAP EDITED ..... 1988
PROJECTION ..... LAMBERT CONFORMAL CONIC
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 15
10,000-FOOT STATE GRID TICKS ..... LOUISIANA, NORTH ZONE
UTM GRID DECLINATION ..... 0°22′ WEST
1988 MAGNETIC NORTH DECLINATION ..... 4°30′ 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 (15 meters south and 17 meters east)

There may be private inholdings within the boundaries of any Federal or State reservations shown on this map

No distinction made between houses, barns, and other buildings
Gray tint indicates area in which selected buildings are shown

NORTH

**PROVISIONAL MAP**
Produced from original manuscript drawings. Information shown as of date of photography. 1

**SCALE 1:24 000**

1 .5 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 .5 0 1 2 KILOMETERS
1000 0 1000 2000 METERS

**CONTOUR INTERVAL 10 FEET**

CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND LOUISIANA DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LOUISIANA 70804

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

LOUISIANA
QUADRANGLE LOCATION

| | | |
|---|---|---|
| 1 | 2 | 3 |
| 4 | | 5 |
| 6 | 7 | 8 |

1 Union Springs
2 Converse
3 Pleasant Hill
4 Brushy Creek
5 Belmont
6 East Hamilton
7 Beech Bayou
8 Loring

ADJOINING 7.5′ QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....

Interstate Route U. S. Route State Route

**ZWOLLE, LOUISIANA**
NW/4 ZWOLLE 15′ QUADRANGLE
PROVISIONAL EDITION 1988

31093-F6-TF-024

RETURN TO:
USGS NMD HISTORICAL MAP ARCHIVES