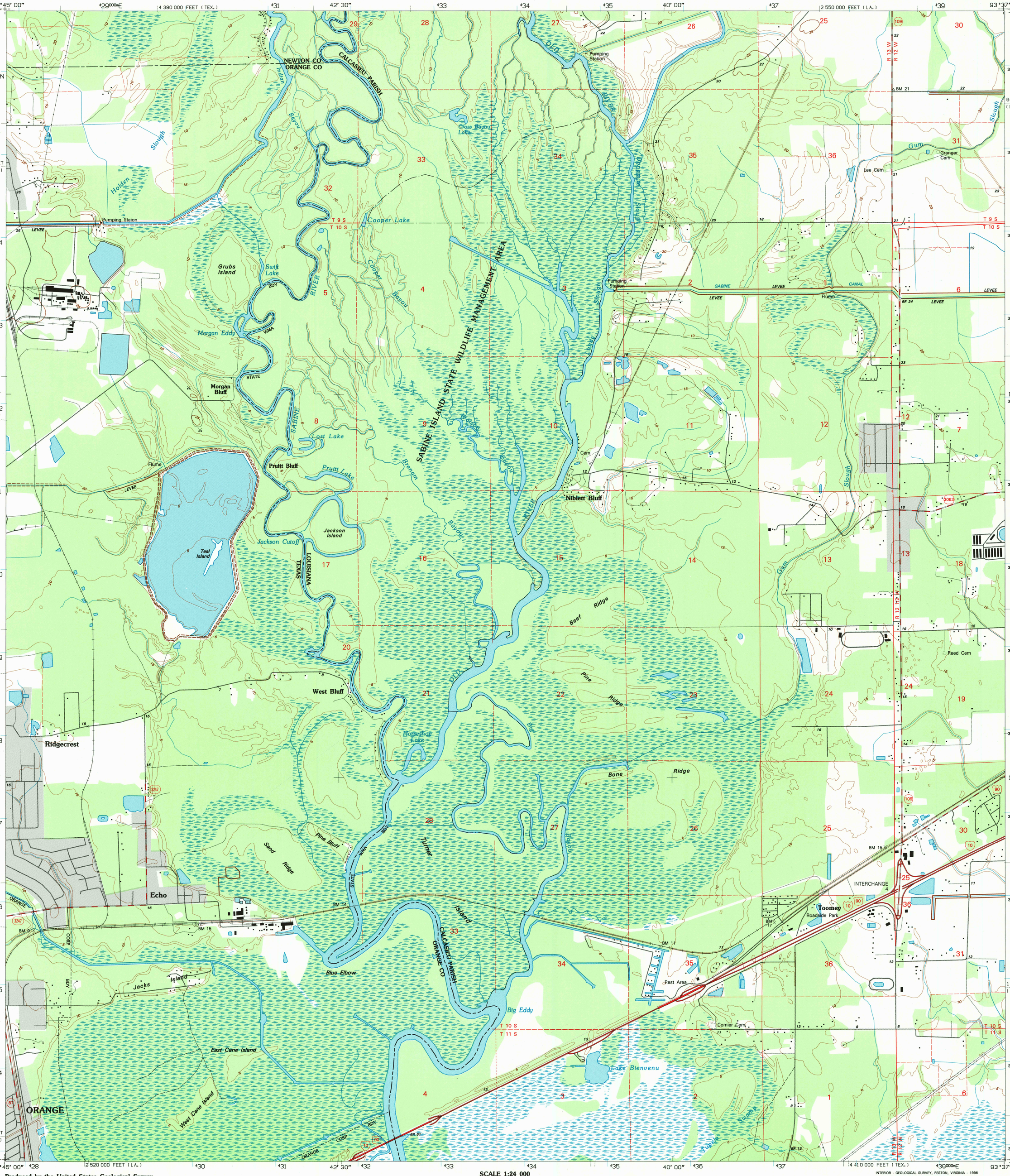
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ECHO QUADRANGLE
TEXAS-LOUISIANA
7.5-MINUTE SERIES (TOPOGRAPHIC)



Produced by the United States Geological Survey in cooperation with State of Louisiana agencies

Planimetry by photogrammetric methods from imagery dated 1959
Topography enlarged from 1:62,500-scale map of Orange quadrangle. Original map by planetable surveys 1955
Revised 1960. Revised from imagery dated 1994. PLSS and survey control current as of 1960. Map edited 1996
Contours not revised

North American Datum of 1983 (NAD 83). Projection and blue 1000-meter ticks: Universal Transverse Mercator, zone 15
10 000-foot ticks: Louisiana (south zone) and Texas (central zone)
Coordinate Systems of 1983

North American Datum of 1927 (NAD 27) is shown by dashed corner ticks. The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

This map covers a subsidence area. Evaluate relief and elevation information based on recent sources

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

UTM GRID AND 1996 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN
0° 21′ 6 MILS
4° 71 MILS

SCALE 1:24 000
1 .5 0 KILOMETERS 1 2
1000 0 METERS 1000 2000
1 .5 0 MILES 1
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, BATON ROUGE, LOUISIANA 70804
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

TEXAS
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Hartburg
2 Starks
3 Lumita
4 Mauriceville
5 Vinton
6 Orangefield
7 Orange
8 Cameron Farms

ADJOINING 7.5' QUADRANGLE NAMES

3093-213

ROAD CLASSIFICATION

Primary highway hard surface ..... Light-duty road, hard or improved surface .....
Secondary highway hard surface ..... Unimproved road .....

Interstate Route U.S. Route State Route

USGS NMD HISTORICAL MAP ARCHIVES
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