



Black Bay

LOUISIANA

1:100 000-scale metric
topographic-bathymetric map

30 X 60 MINUTE QUADRANGLE
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names
- Bathymetric contours in meters

1983

Produced by the United States Geological Survey and the National Ocean Service. Compiled from USGS 1:250,000-scale topographic maps dated 1951-79 and bathymetric maps dated 1973. Bathymetry compiled from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes. May be low water (dotted) line and mean high water (dashed) line compiled by NOS from tide-coordinated aerial photographs. Aquatic shoreline (outer edge of vegetation) shown by green line. Projection and 10,000-meter grid, zone 16: Universal Transverse Mercator 25,000-meter grid based on Louisiana coordinate system, south zone 1987 North American Datum. To place on the projected North American Datum 1983, move the projection lines 19 meters south and 6 meters east. Offshore protection survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protection Diagram dated July 22, 1964. The protection on this map are not for Federal leasing purposes, for such purposes, refer to the 1:250,000-scale OCS Official Protection Diagram available from the Bureau of Land Management. There may be private inholdings within the boundaries of the National or State All or part of this quadrangle lies within a subsidence area.

CONTOUR INTERVAL 2 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST 0.5 METER
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY 1 METER CONTOURS IN DEEPER WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPLETES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLETES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 11 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS

CONVERSION TABLE	
Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

ADJOINING MAPS				
1	2	3	4	5
1	2	3	4	5
6	7	8	9	10

1. Ponce de Leon
2. Gulfport
3. North Island
4. New Orleans
5. Terrebonne Bay
6. Mississippi River
7. Delta
8.

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Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
Other road or street, trail	
Route marker: Interstate, U. S., State	
Railroad, standard gauge, narrow gauge	
Bridge, overpass, underpass	
Tunnel: road, railroad	
Airport, landing field, landing strip	
Built up area, locality, elevation	
National boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grant boundary	
U. S. public lands survey: range, township, section	
Range, township, section line: protracted	
Power transmission line, pipeline	
Dam; dam with lock	
Cemetery, building	
Wells: water well, spring	
Mine shaft; adit or cave; mine, quarry, gravel pit	
Campground, picnic area; U. S. location monument	
Ruins; cliff dwelling	
Distorated surface: strip mine, lava, sand	
Contours: index, intermediate, supplementary	
Bathymetric contours: index, intermediate	
Stream, lake, perennial, intermittent	
Reefs, large and small; kelp, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Sand; mangrove	
Order: vineyard	

A pamphlet describing topographic maps is available on request

FOR SALE BY U.S. GEOLOGICAL SURVEY
P.O. BOX 2336, DENVER, COLORADO 80225
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852
BATHYMETRIC MAPS FOR SALE BY NOS ONLY

HYDROGRAPHIC SURVEY INFORMATION			
SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING
H-4006	1917	1:40,000	06-11
H-4219	1922	1:80,000	10-40
H-4223	1922	1:80,000	15-15
H-4225	1921	1:20,000	03-10
H-4247	1922-23	1:20,000	05-20
H-4254	1922	1:20,000	05-15
NOS CHART 11363 1978 1:10,000			
NOS CHART 11364 1988 1:10,000			

