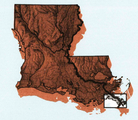
29089-A1-TB-100

Mississippi River Delta
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

U. S. GEOLOGICAL SURVEY
NATIONAL OCEAN SERVICE

1983

Produced by the United States Geological Survey
and the National Ocean Service
Compiled from USGS 1:24 000-scale orthophotomaps dated 1971-1973
and 1:62 500-scale topographic maps dated 1958-1960
Photoinspected by the United States Geological Survey
Planimetry revised from aerial photographs taken 1978 and other source data. Revised information not field checked. Map edited 1983
Bathymetry compiled by the National Ocean Service from hydrographic surveys listed in the Hydrographic Survey Information table for various purposes
Mean low water (dotted) line and mean high water (heavy solid) line compiled by NOS from film-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line
Projection and 10 000-meter grid, zone 16: Universal Transverse Mercator
1927 North American datum
10 000-foot ticks based on Louisiana coordinate system, south zone
1927 North American datum
To place on the predicted North American Datum 1983, move the projection lines 20 meters south and 8 meters east
Offshore protraction survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protraction Diagram dated June 1954. The protractions on this map are NOT to be used for leasing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protraction Diagrams available from the Bureau of Land Management
There may be private inholdings within the boundaries of the National or State reservations shown on this map
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–MEAN LOWER LOW WATER DATUM
THE RELATIONSHIP OF DATUMS TO LAND AND WATER IS VARIABLE
SOUNDINGS FROM NOS CHARTS 11363 AND 11364

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 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

DECLINATION DIAGRAM

UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map. Diagram is approximate

ADJOINING MAPS

1	2	3
4		5
6	7	8

1 New Orleans
2 Black Bay
3 North Islands
4 Terrebonne Bay
5
6
7
8

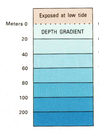
ISBN 0-607-23057-5
9 780607 230574

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 gage; narrow gage
- Bridge; overpass; underpass
- Tunnel; road; railroad
- Built up area; locality; elevation
- Airport; landing field; landing strip
- 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
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, lava; sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake: perennial; intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 2 METERS

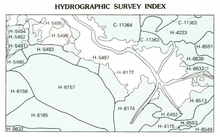
MISSISSIPPI RIVER DELTA, LOUISIANA
29089-A1-TB-100
1983

USGS NHO HISTORICAL MAP ARCHIVES
JUL 16 1986
REC'D FILE COPY

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-4175	1921-22	1:40 000	03-1.0
H-5486	1933-34	1:20 000	02-.20
H-5490	1933-34	1:20 000	02-.20
H-5491	1934	1:20 000	02-.25
H-5492	1934	1:20 000	02-.25
H-5493	1934	1:20 000	02-.23
H-5494	1934	1:20 000	02-.29
H-5495	1934	1:20 000	02-.25
H-5496	1934	1:20 000	02-.25
H-5497	1934	1:20 000	04-.20
H-6156	1936	1:40 000	10-.50
H-6157	1936	1:40 000	10-.50
H-6172	1936	1:20 000	04-.19
H-6174	1936	1:20 000	04-.37
H-6185	1936	1:20 000	04-.19
H-6492	1939	1:20 000	02-.19
H-6513	1939	1:20 000	02-.26
H-6551	1940	1:40 000	10-.15
H-6563	1940	1:40 000	10-.50
H-6636	1940	1:20 000	04-.25
H-6638	1940	1:20 000	04-.26
H-9832	1979	1:50 000	10-.25
NOS CHART 11363	1981	1:80 000	
NOS CHART 11364	1981	1:80 000	

HYDROGRAPHIC SURVEY INDEX



Photographic copies of the above and prior surveys may be obtained at the cost of reproduction, by addressing the Director (N/CG 243), National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852