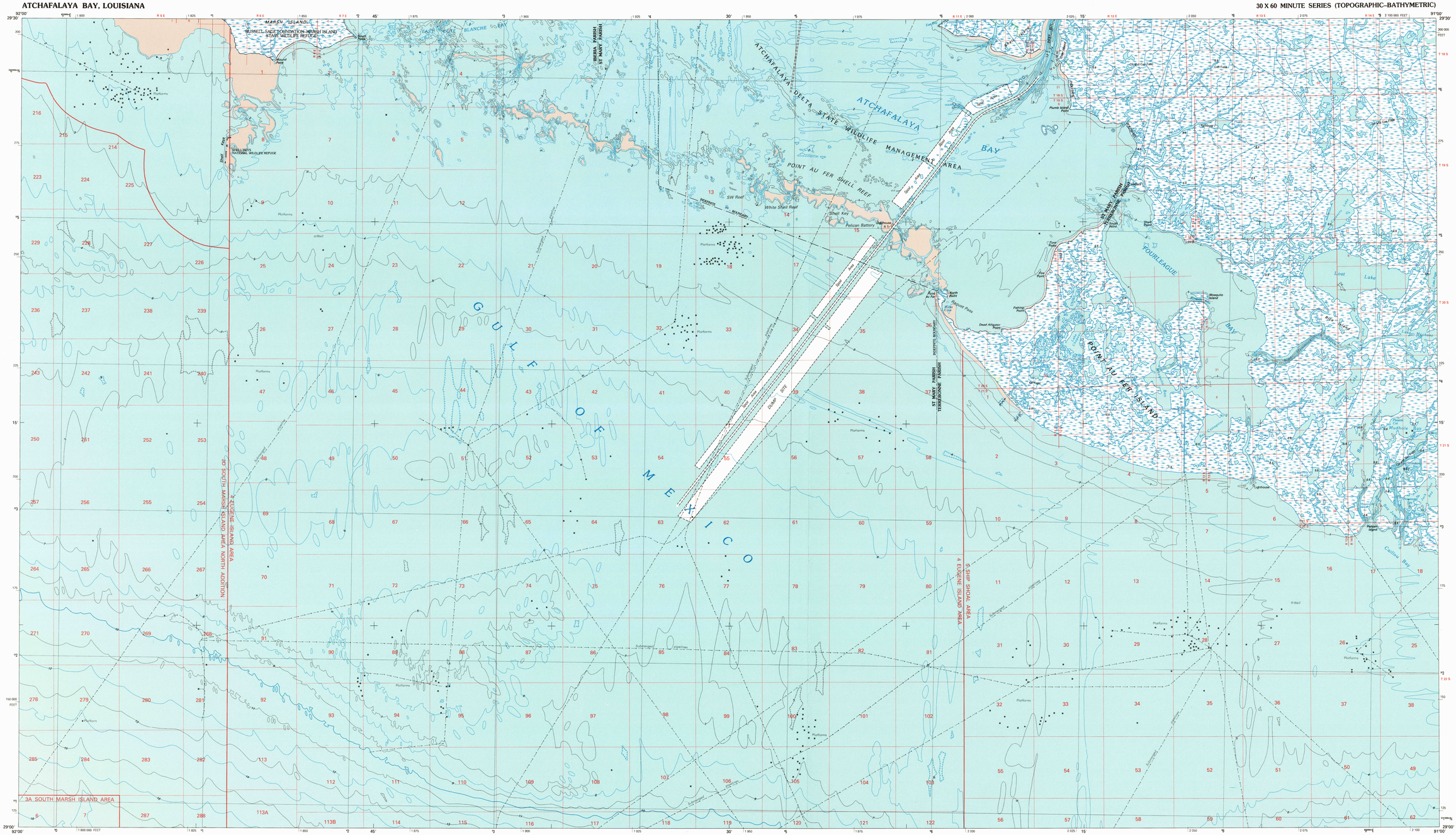
ATCHAFALAYA BAY, LOUISIANA

30 X 60 MINUTE SERIES (TOPOGRAPHIC–BATHYMETRIC)



KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

1000 0 5000 10 000 15 000 20 000 METERS
5000 0 10 000 20 000 30 000 40 000 50 000 60 000 70 000 FEET

SCALE 1:100 000
CONTOUR INTERVAL 2 METERS

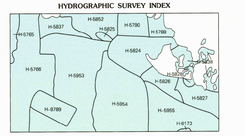
ATCHAFALAYA BAY, LOUISIANA
29091-A1-TB-100
1983

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY SOUNDING UNIT & MEAS. INTERVAL
H-5785	1935	1:40,000	16-47
H-5789	1935	1:40,000	17-53
H-5798	1935	1:20,000	04-18
H-5790	1935	1:20,000	02-15
H-5824	1935	1:20,000	08-20
H-5825	1935	1:20,000	09-20
H-5826	1935	1:20,000	08-21
H-5827	1935	1:20,000	08-21
H-5828	1935	1:10,000	02-15
H-5837	1935	1:20,000	09-19
H-5852	1935	1:20,000	08-20
H-5853	1935	1:20,000	02-20
H-5953	1934	1:40,000	13-42
H-5954	1935	1:40,000	11-48
H-5955	1935	1:40,000	11-48
H-6173	1936	1:40,000	10-44
H-5788	1978	1:20,000	01-14

HYDROGRAPHIC SURVEY INDEX



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

Atchafalaya 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

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 topographic maps dated 1968-1980
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 title-coordinated hydrographic surveys. This information is not intended for navigational purposes
Mean low water (dotted) line and mean high water (heavy solid) line compiled by NOS from title-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line

Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator
25 000-foot grid 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 12 meters east

Offshore protraction survey data, shown in red, compiled by the Bureau of Land Management. Survey lines tie to basis of ELM Outer Continental Shelf Official Protraction Diagrams dated September 5, 1959 and July 22, 1968. The protraction data may not be for Federal 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 BETWEEN THE TWO DATUMS IS VARIABLE.

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLIES WITH STANDARDS OF THE HYDROGRAPHIC ORGANIZATION 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) on center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4		5
6	7	8

1 White Lake
2 Morgan City
3 New Orleans
4
5 Terrebonne Bay
6
7
8

ISBN 0-607-00134-8

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

Exposed at low tide
DEPTH GRADIENT

Meters	Feet
0	0
20	65.6
40	131.2
60	196.8
80	262.4
100	328.0
200	656.1

Maximum depth

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