

REVISED, EDITED, AND PUBLISHED BY THE U. S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SURVEY

Topographic map prepared by the Defense Mapping Agency Topographic Center from maps dated 1942-54, and from aerial photographs taken 1953-56. Fields checked 1956. Planimetry revised by the U. S. Geological Survey from aerial photographs taken 1972 and other source data. Map revised 1973.

Bathymetry and shoreline compiled by the National Ocean Survey (NOS). Bathymetry compiled from NOS Hydrographic Surveys (see index) which comply with International Hydrographic Organization (IHO) Special Publication 44 accuracy standards and/or standards used as of the date of the surveys. Shoreline (mean high water line) from NOS nautical charts which are compiled from tide-coordinated aerial photographs. This information is not intended for navigational purposes.

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 Diagrams. The protections on this map are not for Federal leasing purposes; for such purposes, refer to the OCS Official Protection Diagrams available from the Bureau of Land Management.

100,000-foot grid based on Louisiana coordinate system, south zone and Texas coordinate system, south central zone.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

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

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

- Over 500,000
- 100,000 to 500,000
- 25,000 to 100,000
- 5,000 to 25,000
- 1,000 to 5,000
- Less than 1,000

ROADS

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Interchange
- Route markers: Interstate, U.S., State

RAILROADS

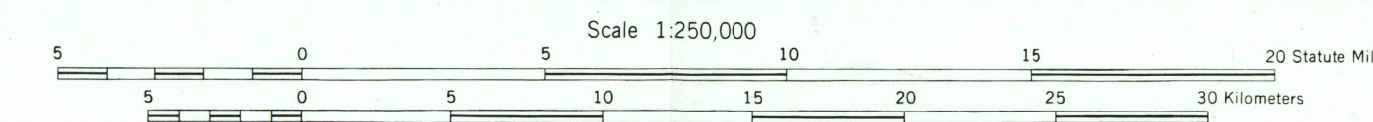
- Normal gauge
- Narrow gauge
- Single track
- Double track
- Multiple track

BOUNDARIES

- International
- State
- County
- Park or reservation

Other symbols:

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods/bushwood
- Power line
- Landmark: School, Church, Other
- Spot elevation in feet
- Tank or seaum
- Approximate shoreline
- Sounding datum line



MAXIMUM ELEVATION LESS THAN 50 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 BATHYMETRIC CONTOUR INTERVAL 10 METERS
 SUPPLEMENTED BY 2-METER CONTOUR INTERVALS TO MAXIMUM DEPTH
 GULF COAST LOW WATER DATUM
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 15

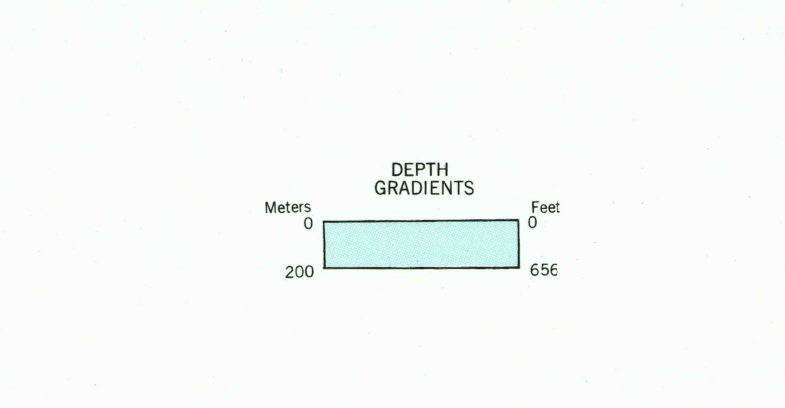
1978 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 6° (11.0 MIL) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 0° (0 MIL) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

NATIONAL OCEAN SURVEY HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUTIC MILES)
H-15466	1885	1:20,000	0.5-1.0
H-15468	1885	1:20,000	0.5-1.0
H-15470	1885	1:20,000	0.5-1.0
H-15472	1885	1:20,000	0.5-1.0
H-15474	1885	1:20,000	0.5-1.0
H-15476	1885	1:20,000	0.5-1.0
H-15478	1885	1:20,000	0.5-1.0
H-15480	1885	1:20,000	0.5-1.0
H-15482	1885	1:20,000	0.5-1.0
H-15484	1885	1:20,000	0.5-1.0
H-15486	1885	1:20,000	0.5-1.0
H-15488	1885	1:20,000	0.5-1.0
H-15490	1885	1:20,000	0.5-1.0
H-15492	1885	1:20,000	0.5-1.0
H-15494	1885	1:20,000	0.5-1.0
H-15496	1885	1:20,000	0.5-1.0
H-15498	1885	1:20,000	0.5-1.0
H-15500	1885	1:20,000	0.5-1.0
H-15502	1885	1:20,000	0.5-1.0
H-15504	1885	1:20,000	0.5-1.0
H-15506	1885	1:20,000	0.5-1.0
H-15508	1885	1:20,000	0.5-1.0
H-15510	1885	1:20,000	0.5-1.0
H-15512	1885	1:20,000	0.5-1.0
H-15514	1885	1:20,000	0.5-1.0
H-15516	1885	1:20,000	0.5-1.0
H-15518	1885	1:20,000	0.5-1.0
H-15520	1885	1:20,000	0.5-1.0
H-15522	1885	1:20,000	0.5-1.0
H-15524	1885	1:20,000	0.5-1.0
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H-15530	1885	1:20,000	0.5-1.0
H-15532	1885	1:20,000	0.5-1.0
H-15534	1885	1:20,000	0.5-1.0
H-15536	1885	1:20,000	0.5-1.0
H-15538	1885	1:20,000	0.5-1.0
H-15540	1885	1:20,000	0.5-1.0
H-15542	1885	1:20,000	0.5-1.0
H-15544	1885	1:20,000	0.5-1.0
H-15546	1885	1:20,000	0.5-1.0
H-15548	1885	1:20,000	0.5-1.0
H-15550	1885	1:20,000	0.5-1.0
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H-15560	1885	1:20,000	0.5-1.0
H-15562	1885	1:20,000	0.5-1.0
H-15564	1885	1:20,000	0.5-1.0
H-15566	1885	1:20,000	0.5-1.0
H-15568	1885	1:20,000	0.5-1.0
H-15570	1885	1:20,000	0.5-1.0
H-15572	1885	1:20,000	0.5-1.0
H-15574	1885	1:20,000	0.5-1.0
H-15576	1885	1:20,000	0.5-1.0
H-15578	1885	1:20,000	0.5-1.0
H-15580	1885	1:20,000	0.5-1.0
H-15582	1885	1:20,000	0.5-1.0
H-15584	1885	1:20,000	0.5-1.0
H-15586	1885	1:20,000	0.5-1.0
H-15588	1885	1:20,000	0.5-1.0
H-15590	1885	1:20,000	0.5-1.0
H-15592	1885	1:20,000	0.5-1.0
H-15594	1885	1:20,000	0.5-1.0
H-15596	1885	1:20,000	0.5-1.0
H-15598	1885	1:20,000	0.5-1.0
H-15600	1885	1:20,000	0.5-1.0

NOS CHART 11842 AUGUST 1975 1:40,000
 NOS CHART 11847 JULY 1975 1:50,000



GRID ZONE DESIGNATION: 15S

TO ONE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

1800 X 900 METER IDENTIFICATION

SAMPLE POINT: CROSS

VD WC 100

INDEX OF ADJOINING SHEETS

BEAUMONT NH 15-4, WAKE CHARLES NH 15-5, BAYON ROUGE NH 15-6, HOUSTON NH 15-7, NEW ORLEANS NH 15-8, PORT ARTHUR NH 15-8, BAY CITE NH 15-10, BOCA GRANDE NH 15-11, EWINO BANK NH 15-12

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

