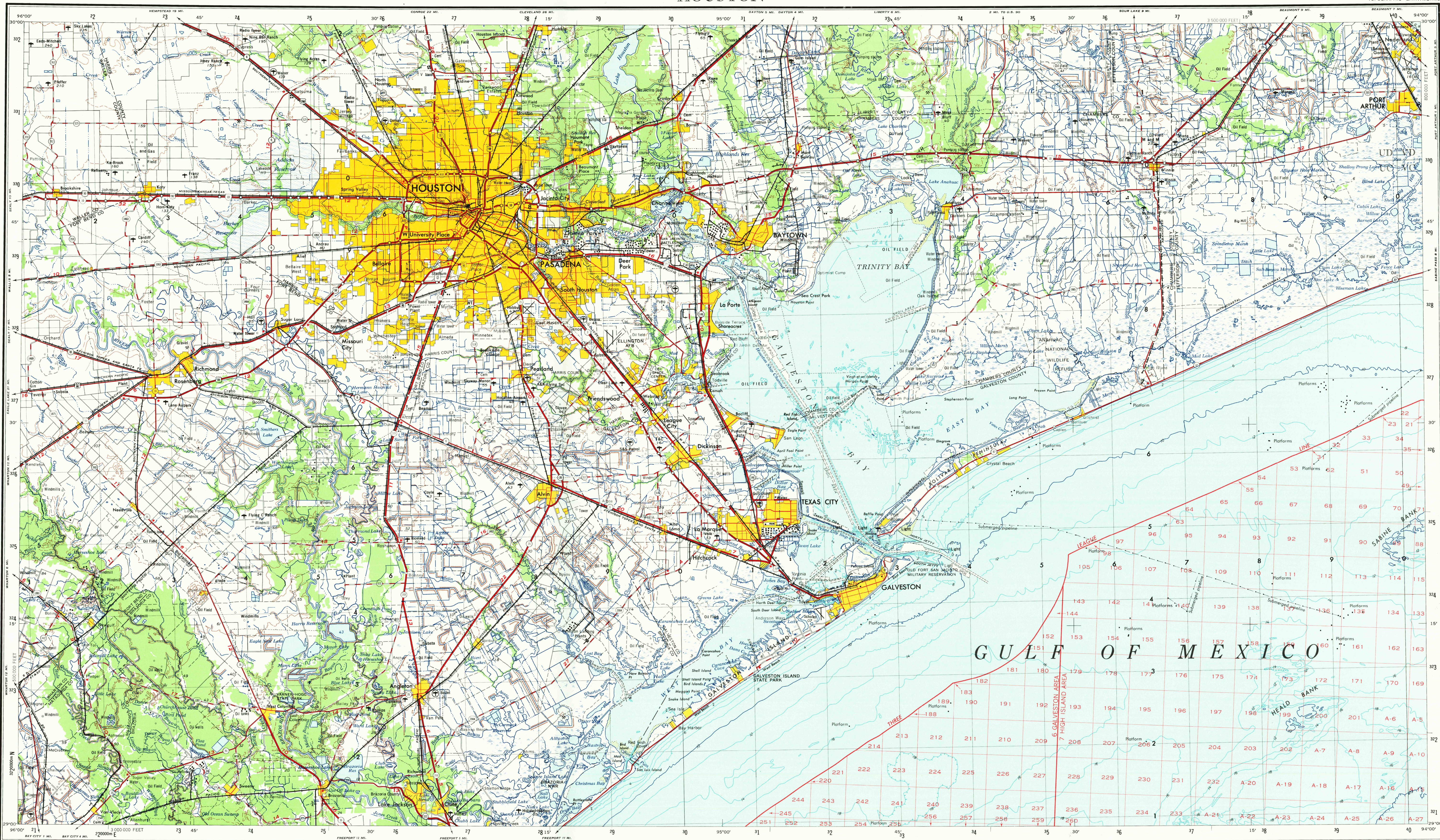




MAPPED, EDITED, AND PUBLISHED BY THE U.S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SURVEY
Original topographic map prepared by the Defense Mapping Agency Topographic Center from 1:24,000, 1:25,000, and 1:31,680-scale maps dated 1914-52, and from aerial photographs taken 1949, 1952-53. Field checked 1956. Planimetry revised in 1975 by the U.S. Geological Survey, from aerial photographs taken 1972.
Bathymetry and shoreline compiled by the National Ocean Survey (NOS). Bathymetry was compiled from NOS Hydrographic Survey (see index), which comply with International Hydrographic Organization (IHO) Special Publication 44 accuracy standards and/or standards used as of the date of the survey. Shoreline (mean high water line) was compiled from NOS tide-coordinated aerial photography. This information is not intended for navigational purposes. Areas covered by dashed light-blue pattern is subject to controlled inundation.
100,000-foot grid based on 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.
Offshore protection survey data compiled by the Bureau of Land Management. Heavy red 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 Diagram available from the Bureau of Land Management.

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 poor weather, unimproved surface
Trail
Interchange

RAILROADS
Single track double or multiple
Normal gauge
Narrow gauge
Landplane airport
Landing area
Seaplane airport
Orchard
Park or reservation
Power line
Landmark: School, Church, Other
Spot elevation in feet
Marsh or swamp
Approximate shoreline
Sounding datum line

BOUNDARIES
International
State
County
Park or reservation

Scale 1:250,000
0 5 10 15 20 25 30 Statute Miles
0 5 10 15 20 25 30 Kilometers
0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

BATHYMETRIC CONTOUR INTERVAL 2 METERS
DATUM: MEAN LOW WATER

SHORELINE SHOWN REPRESENTS MEAN HIGH WATER

TRANSVERSE MERCATOR PROJECTION

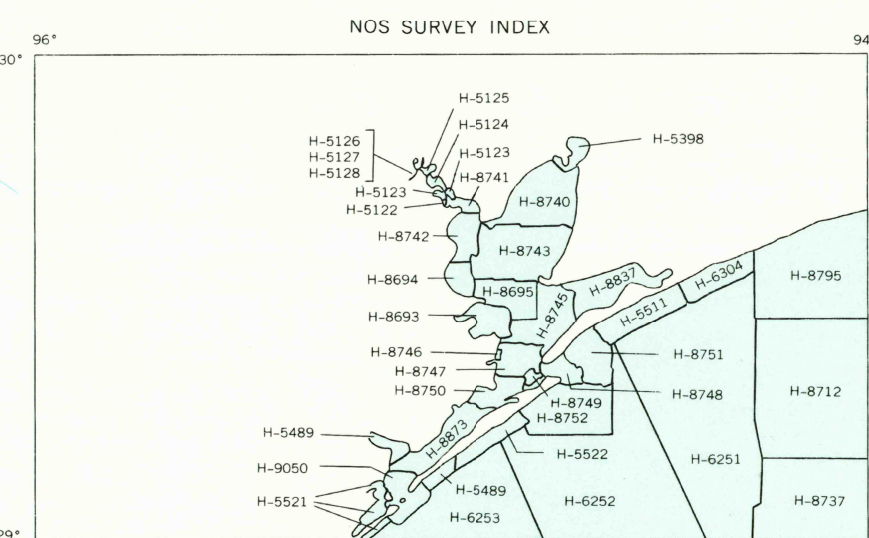
BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 15

1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 7°-10° WEST EASTERN FOR THE CENTER OF THE WEST EDGE TO 1°-10° WEST EASTERN FOR THE CENTER OF THE EAST EDGE

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

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SCALE	SURVEY NUMBER	SURVEY DATE	SCALE
H-5122	1931	1:6,000	H-8712	1962	1:40,000
H-5123	1931	1:6,000	H-8713	1962	1:40,000
H-5124	1931	1:6,000	H-8740	1963	1:20,000
H-5125	1931	1:6,000	H-8741	1963	1:20,000
H-5127	1931	1:6,000	H-8742	1963	1:20,000
H-5128	1931	1:6,000	H-8743	1963	1:20,000
H-5129	1931	1:6,000	H-8744	1963	1:20,000
H-5130	1931	1:6,000	H-8745	1963	1:20,000
H-5131	1931	1:6,000	H-8746	1963	1:20,000
H-5132	1931	1:6,000	H-8747	1963	1:20,000
H-5133	1931	1:6,000	H-8748	1963	1:20,000
H-5134	1931	1:6,000	H-8749	1963	1:20,000
H-5135	1931	1:6,000	H-8750	1963	1:20,000
H-5136	1931	1:6,000	H-8751	1963	1:20,000
H-5137	1931	1:6,000	H-8752	1963	1:20,000
H-5138	1931	1:6,000	H-8753	1963	1:20,000
H-5139	1931	1:6,000	H-8754	1963	1:20,000
H-5140	1931	1:6,000	H-8755	1963	1:20,000
H-5141	1931	1:6,000	H-8756	1963	1:20,000
H-5142	1931	1:6,000	H-8757	1963	1:20,000
H-5143	1931	1:6,000	H-8758	1963	1:20,000
H-5144	1931	1:6,000	H-8759	1963	1:20,000
H-5145	1931	1:6,000	H-8760	1963	1:20,000
H-5146	1931	1:6,000	H-8761	1963	1:20,000
H-5147	1931	1:6,000	H-8762	1963	1:20,000
H-5148	1931	1:6,000	H-8763	1963	1:20,000
H-5149	1931	1:6,000	H-8764	1963	1:20,000
H-5150	1931	1:6,000	H-8765	1963	1:20,000
H-5151	1931	1:6,000	H-8766	1963	1:20,000
H-5152	1931	1:6,000	H-8767	1963	1:20,000
H-5153	1931	1:6,000	H-8768	1963	1:20,000
H-5154	1931	1:6,000	H-8769	1963	1:20,000
H-5155	1931	1:6,000	H-8770	1963	1:20,000
H-5156	1931	1:6,000	H-8771	1963	1:20,000
H-5157	1931	1:6,000	H-8772	1963	1:20,000
H-5158	1931	1:6,000	H-8773	1963	1:20,000
H-5159	1931	1:6,000	H-8774	1963	1:20,000
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H-5161	1931	1:6,000	H-8776	1963	1:20,000
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H-5164	1931	1:6,000	H-8779	1963	1:20,000
H-5165	1931	1:6,000	H-8780	1963	1:20,000
H-5166	1931	1:6,000	H-8781	1963	1:20,000
H-5167	1931	1:6,000	H-8782	1963	1:20,000
H-5168	1931	1:6,000	H-8783	1963	1:20,000
H-5169	1931	1:6,000	H-8784	1963	1:20,000
H-5170	1931	1:6,000	H-8785	1963	1:20,000
H-5171	1931	1:6,000	H-8786	1963	1:20,000
H-5172	1931	1:6,000	H-8787	1963	1:20,000
H-5173	1931	1:6,000	H-8788	1963	1:20,000
H-5174	1931	1:6,000	H-8789	1963	1:20,000
H-5175	1931	1:6,000	H-8790	1963	1:20,000
H-5176	1931	1:6,000	H-8791	1963	1:20,000
H-5177	1931	1:6,000	H-8792	1963	1:20,000
H-5178	1931	1:6,000	H-8793	1963	1:20,000
H-5179	1931	1:6,000	H-8794	1963	1:20,000
H-5180	1931	1:6,000	H-8795	1963	1:20,000
H-5181	1931	1:6,000	H-8796	1963	1:20,000
H-5182	1931	1:6,000	H-8797	1963	1:20,000
H-5183	1931	1:6,000	H-8798	1963	1:20,000
H-5184	1931	1:6,000	H-8799	1963	1:20,000
H-5185	1931	1:6,000	H-8800	1963	1:20,000



INTERIOR—GEOLOGICAL, SURFACE, WESTON, VIRGINIA—1

GRID ZONE DESIGNATION

15R

100,000 M. SQUARE IDENTIFICATION