

V502, EDITION 3

Prepared by the U.S. Army Topographic Command (AJAM), Washington, D.C. Compiled in 1954 by photogrammetric methods from aerial photographs taken 1952. Photographs field annotated 1954. Revised in 1972 by the U.S. Geological Survey from aerial photographs taken 1972.

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

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

**LEGEND**

Figures in red denote approximate distances in miles between stars.

**POPULATED PLACES**

Over 500,000	500,000 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**

- Standard gauge: Single track, Double or Multiple
- Narrow gauge
- Landplane airport
- Landing area
- Seaplane anchorage
- Seaplane airport
- Woods brushwood

**BOUNDARIES**

- International
- State
- County or Parish
- Park or reservation
- Landmark: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Seaplane anchorage
- Power line; Mine

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

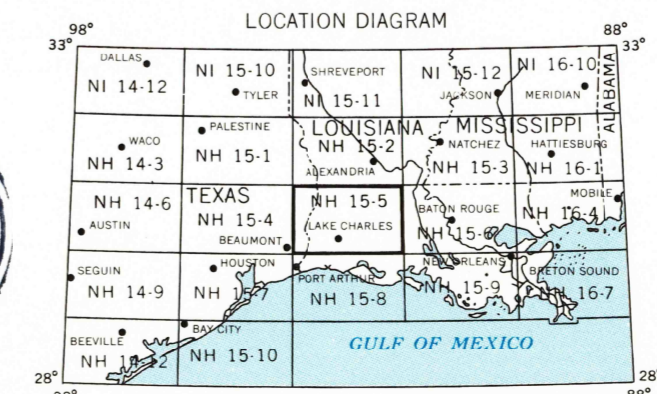
**CONTOUR INTERVAL 50 FEET**  
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

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

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 11° 00' WEST TO 11° 00' EAST AT THE CENTER OF THE SHEET

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092



**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

**GRID ZONE DESIGNATION:** 18R

**100,000 M-SQUARE IDENTIFICATION:** VE WE

**SAMPLE POINT: HECHEM**

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS:**

1. Read letters identifying 100,000 meter square in which the point lies.

2. Locate the VERTICAL and the HORIZONTAL grid lines on the left and top of the 100,000 meter square in which the point lies.

3. Locate the HORIZONTAL and the VERTICAL grid lines on the right and bottom of the 100,000 meter square in which the point lies.

4. Estimate tenths from grid line to point.

**SAMPLE REFERENCE:** VE WE 18 17 16 15 14 13

18 17 16 15 14 13

19 20 21 22 23 24

30 29 28 27 26 25

31 32 33 34 35 36

**LAKE CHARLES, LOUISIANA, TEXAS**

1954

REVISED 1972

8/3/84