



Prepared by the U.S. Army Topographic Command (KCSA), Washington, D.C. Compiled in 1961 by photogrammetric methods and from United States quadrangles 1:50,000, 1958. Planimetry revised from aerial photographs taken 1957-58. Photographs field annotated 1958-59. Revised by the U.S. Geological Survey 1977.

Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 12. 100,000-foot grid ticks based on Arizona coordinate system, east zone and New Mexico coordinate system, west zone. 1927 North American datum. To place on the predicted North American datum 1983 move the projection lines 10 meters south and 58 meters west.

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 **LOS ANGELES**

100,000 to 500,000 **OMAHA**

25,000 to 100,000 **GALVESTON**

5,000 to 25,000 **Laramie**

1,000 to 5,000 **Grand Coulee**

Less than 1,000 **Sun Valley**

RAILROADS

Standard gauge: Single track Double or Multiple

Narrow gauge: Landplane airport

BOUNDARIES

International: Land area

State: Windmill

County: Orchard

Park or reservation: Woods-brushwood

ROADS

Primary, all-weather, hard surface

Secondary, all-weather, hard surface

Light-duty, all-weather, improved surface

Fair- or dry-weather, unimproved surface

Trail

Interchange

Route markers: Interstate, U.S., State

Landmark: School; Church; Other

Mine

Spot elevation in feet

Marsh or swamp

Intermittent or dry stream

Power line

Scale 1:250,000

0 5 10 15 20 Statute Miles

0 5 10 15 20 Kilometers

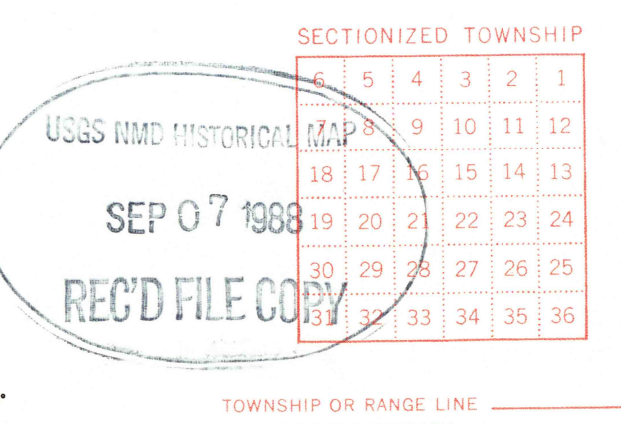
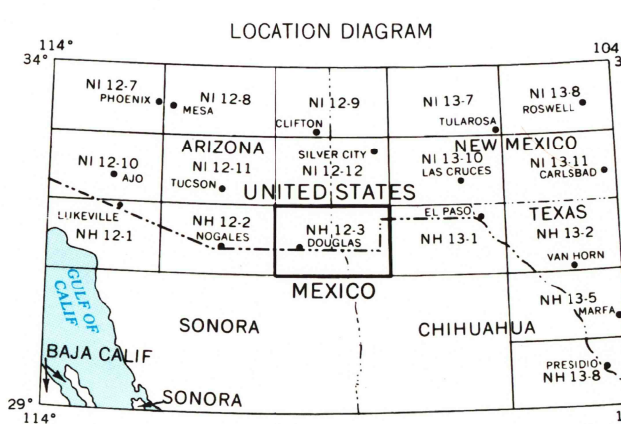
0 5 10 15 Nautical Miles

CONTOUR INTERVAL 200 FEET

WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 12W (220 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 12° 12' 10" MILS EASTERLY FOR THE CENTER OF THE EAST EDGE

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



GRID ZONE DESIGNATION

100,000 M. SQUARE IDENTIFICATION

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT

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

2. Locate first NORTHERN grid line to LEFT of point and read LARGE figure labeling the line within in the top or bottom margin, or on this line itself.

3. Estimate tenths from grid line to point.

4. Read SMALL figure in the left or right margin, or on the line itself.

5. Estimate tenths from grid line to point.

SAMPLE REFERENCE

If pointing toward 18° in any direction, prefix Grid Zone Designation, ex: 2430000

DOUGLAS, ARIZONA NEW MEXICO

1959

REVISED 1970