



Prepared by the U.S. Army Topographic Command (KCSX), Washington, D.C. Compiled in 1961 by photogrammetric methods and from United States quadrangles 1:50,000, 1956. Planimetry revised from aerial photographs taken 1:57-58. Photographs field annotated 1956-59. Revised by the U.S. Geological Survey 1970.

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 11 meters south and 58 meters east.

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

RAILROADS

- Standard gauge
- Narrow gauge
- Interchange
- Route markers: Interstate, U.S., State

ROADS

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, improved surface
- Fair or dry weather, unimproved surface
- Trail

BOUNDARIES

- International
- State
- County
- Park or reservation

Other Features:

- Landplane airport
- Landing area
- Windmill
- Orchard
- Woods/brushwood
- Landmark: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000

0 5 10 15 20 Statute Miles

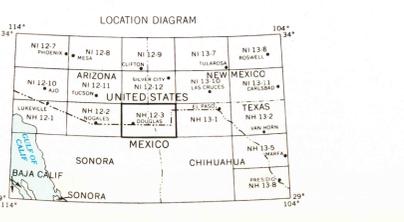
0 5 10 15 20 Kilometers

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 12 $\frac{1}{2}$ ' (1220 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 12' (1210 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

12N

TO ONE 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 that vertical grid line to left of point and read LARGE figure labeling the line either in the top or bottom margin or on the line itself.

3. Estimate tenths from grid line to point.

4. Read the POSITIONAL grid near BELOW point and read LARGE figure labeling the line either in the left or right margin or on the line itself.

5. Estimate tenths from grid line to point.

SAMPLE REFERENCE

837700

12061700

12061700

USGS Historical File DOUGLAS, ARIZONA; NEW MEXICO Topographic Division 1959 REVISED 1970

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