V502, EDITION 3

Prepared by the U.S. Army Topographic Command (BESX), Washington, D.C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1954. Photographs field annotated 1954. Revised by the U.S. Geological Survey 1969.

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 — 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

RAIL ROADS (Single track, Double or Multiple)
- Standard gauge
- Narrow gauge

BOUNDARIES
- International
- State
- County
- Park or reservation

Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Woods-brushwood

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 (15, 71, 160)

Windmill; Mine
Landmark: School; Church; Other
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

Scale 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

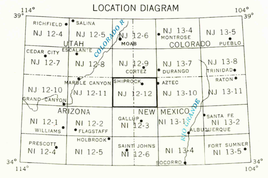
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12

1965 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 14½° (260 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 13½° (240 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242

LOCATION DIAGRAM



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

GRID ZONE DESIGNATION: 12S
100,000 M. SQUARE IDENTIFICATION: WR XR YR / WQ XQ YQ

IGNORE the SMALLER figures of any grid number, these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number, example: 39|0000 / 2

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

SAMPLE POINT: RED ROCK

1. Read letters identifying 100,000 meter square in which the point lies: XR
2. Locate first 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: 7
   Estimate tenths from grid line to point: 3
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: 4
   Estimate tenths from grid line to point: 2

SAMPLE REFERENCE: XR7342

If reporting beyond 10' in any direction, prefix Grid Zone Designation, ex: 12SXR7352

SHIPROCK, N. MEX.; ARIZ.; COLO.; UTAH
1954
REVISED 1969

USGS HISTORICAL FILE TOPOGRAPHIC DIVISION

OCT 06 1975

OCT 20 1973
DMA
12000
50 Navajo

STOCK NO. V502XNJ12212**03

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