



Prepared by the Defense Mapping Agency Topographic Center, Washington, D. C. Compiled in 1954 by photogrammetric methods and from 1:24,000 and 1:62,500-scale maps dated 1947-51. Planimetry revised from aerial photographs taken 1953. Photographs field annotated 1954. Revised by the U. S. Geological Survey from aerial photographs taken 1978 and other source data. Revised information not field checked. Map edited 1978.

Area covered by dashed light-blue pattern is subject to controlled inundation 100,000-foot grids based on Arizona coordinate system, east and central zones.

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

ROADS

Single track Double or Multiple
Standard gauge
Narrow gauge
International
State
County
Park or reservation

RAILROADS

Landplane airport
Landing area
Seaplane airport
Orchard
Woods/brushwood

Other

Mine
Landmark: School, Church, Other, etc.
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 20 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

1978 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 1°3' (230 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 12°5' (220 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

NEVADA
NI 11-3
NI 11-4
NI 11-5
NI 11-6
NI 11-7
NI 11-8
NI 11-9
NI 11-10
NI 11-11
NI 11-12

UTAH
NI 12-1
NI 12-2
NI 12-3
NI 12-4
NI 12-5
NI 12-6
NI 12-7
NI 12-8
NI 12-9
NI 12-10
NI 12-11
NI 12-12

ARIZONA
NI 13-1
NI 13-2
NI 13-3
NI 13-4
NI 13-5
NI 13-6
NI 13-7
NI 13-8
NI 13-9
NI 13-10
NI 13-11
NI 13-12

NEW MEXICO
NI 14-1
NI 14-2
NI 14-3
NI 14-4
NI 14-5
NI 14-6
NI 14-7
NI 14-8
NI 14-9
NI 14-10
NI 14-11
NI 14-12

CHIHUAHUA
NI 15-1
NI 15-2
NI 15-3
NI 15-4
NI 15-5
NI 15-6
NI 15-7
NI 15-8
NI 15-9
NI 15-10
NI 15-11
NI 15-12

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

VN	WN
VM	WM

TO OBTAIN A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

SAMPLE POINT: APACHE JUNCTION

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

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.

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.

5. Estimate hundredths from grid line to point.

6. Combine figures to obtain standard reference.

7. If reporting beyond 10" in any direction, prefix Grid Zone Designation, etc.

12SVM80

MESA, ARIZONA

1954

REVISED 1978