INDEX TO GEOLOGIC MAPS IN THE MESA 1° x 2° QUADRANGLE, ARIZONA

ARIZONA GEOLOGICAL SURVEY

Open-File Report 93-19, sheet 1 of 3 1993 Compiled by Steve Skotnicki

MESA

PUBLISHED MAPS

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 form 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 — LOS ANGELES
100,000 to 500,000 — OMAHA
25,000 to 100,000 — GALVESTON
5,000 to 25,000 — Durango
1,000 to 5,000 — Grand Coulee
Less than 1,000 — Sun Valley

RAILROADS: Standard gauge; Narrow gauge (Single track, Double or Multiple)

BOUNDARIES: International; State; County; Park or reservation

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

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

Scale 1:250,000

20 Statute Miles; 30 Kilometers; 10 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 13° (230 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 12½° (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

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

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979

GRID ZONE DESIGNATION: 12S
100,000 M. SQUARE IDENTIFICATION

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 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: Estimate tenths from grid line to point:
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: Estimate tenths from grid line to point:
SAMPLE REFERENCE: VM4997
If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 12SVM4997

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MESA, ARIZONA
1954
REVISED 1978