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

ARIZONA GEOLOGICAL SURVEY
Open-File Report 93-19, sheet 2 of 3

1993 Compiled by Steve Skotnicki

MESA

THESES AND DISERTATIONS

Gomez, 1979 1:12,000
Gantz, 1984 1:24,000
Kenny, 1986 1:24,000
Down, 1984 1:24,000
Rope, 1974 1:24,000
Little, 1975 1:24,400
Couch, 1981 1:24,000
Shank, 1973 1:48,000
Taylor, 1973 1:9750
Holway, 1977 1:24,000
Cordy, 1978 1:24,000
Schuiling, 1979 1:24,000
Bates, 1985 1:24,000
Reynolds, 1982 1:24,000
Bruck, 1983 1:24,000
Jordon, 1983 1:24,000
Hoyos-Patino, 1986 1:24,000
Robertson, 1986 1:24,000
Balla, 1972 1:127,000
Wefsch, 1977 1:24,000
Christenson, 1975 1:24,000
Durand, 1967 1:10,560
Proell, 1983 1:24,000
Esagholian, 1982 1:10,000
Williams, 1974 1:24,000
Skotnicki, 1992 1:24,000
Ahrs, 1984 1:36,000
Orr, 1990 1:24,000
Ludwig, 1974
Roller, 1987 1:10,000
Reed, 1988 1:24,000
Vance, 1982 1:24,000
Weese, 1990 1:10,000
Mayes, 1990 1:24,000
Esmach, 1987 1:10,000
Faulds, 1986 1:24,000
Cuffney, 1977 1:24,000
Livingston, 1967 1:35,000
Brunean, 1981 1:24,000
Schofield, 1976 1:6000
Bishop, 1935 1:24000
Bengar, 1952 1:24,000
Throop, 1970 1:2400
Rockoff, 1970 1:4800
Galbraith, 1935 1:7200
Wardwell, 1991 1:7200
Wilson, 1987 1:4800
Nelson, 1962 1:6000
Hershman, 1939 1:4000
Simmons, 1938 1:48000
Schmidt, 1967 1:24,000
Bradfish, 1979 1:24,000
Schmidt, 1971 1:12,000
Kiersch, 1947 1:12,000
Barrett, 1972 1:12,000
Bowie, 1985 1:10,000
Foder, 1968 1:24,000
Stuckless, 1969 1:24,000
Kilbey, 1986 1:10,000
Powell, 1984 1:10,000
Simpson, 1976 1:48,000
Turek, 1975 1:48,000
Clayton, 1975 1:24,000
Mont, 1983 1:24,000
Kolvalis, 1971 1:50,000
Drosenthal, 1985 1:24,000
Davis, 1973 1:48,000

PHOENIX
SCOTTSDALE
MESA
Chandler
Tempe
Gilbert
Mesa
Apache Junction
Superior
Globe
Miami
Florence
Casa Grande
Coolidge
Eloy
Maricopa
Sacaton
Casa Grande Ruins N.M.
Tucson 88 mi.
Winkelman 1 mi.
Payson 78 mi.
Young 78 mi.
Show Low 23 mi.
Phoenix 70 mi.
Kingman 80 mi.
Safford 34 mi.

TONTO NATIONAL FOREST
FORT APACHE INDIAN RESERVATION
SAN CARLOS INDIAN RESERVATION
SALT RIVER INDIAN RESERVATION
GILA RIVER INDIAN RESERVATION
SACATON MOUNTAINS
MARICOPA COUNTY
PINAL COUNTY
YAVAPAI COUNTY
NAVAJO COUNTY
GILA COUNTY
GRAHAM COUNTY

1 inch = 1 mile

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 — Single track, Double or Multiple
Narrow gauge
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
5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

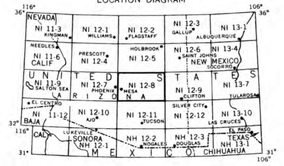
TRANSVERSE MERCATOR PROJECTION

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

GRID ZONE DESIGNATION: 12S
100,000 M SQUARE IDENTIFICATION: VN, WN, VM, WM; 370; 90

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1,000 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 — 12SVM4957

If reporting beyond 10° in any direction, prefix Grid Zone Designation, as, 12SVM4957

VM 4 8 5 7 WM

OFR 93-19
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MESA, ARIZONA
1954
REVISED 1978

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979

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