



1:100 000-scale metric topographic map of

Phoenix South ARIZONA

30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

GEOLOGICAL SURVEY

1981

Produced by the United States Geological Survey

Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1962-1974. Planimetry revised from aerial photographs taken 1972, 1977-79, and other source data. Revised information not field checked. Map edited 1981.

Projection and 10 000-meter grid, zone 12, Universal Transverse Mercator

25 000-foot grid ticks based on Arizona coordinate system, central zone. 1967 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 66 meters east

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 40 METERS

SUPPLEMENTARY CONTOUR INTERVAL 10 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

ADJOINING MAPS

1	2	3
1	2	3
4	5	6
7	8	9

1. Salome

2. Phoenix North

3. Theodore Roosevelt Lake

4. Little Horn Mts.

5. Mesa

6. Dinkins

7. Gila Bend

8. Casa Grande

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Topographic Map Symbols

Primary highway, hard surface

Secondary highway, hard surface

Light duty road, principal street, hard or improved surface

Other road or street, well

Route marker: Interstate, U. S. State

Railroad: standard gauge; narrow gauge

Bridge: overpass; underpass

Tunnel: road; railroad

Built up area, locality, elevation

Airport: landing field; landing strip

National boundary

State boundary

County boundary

National or State reservation boundary

Land grant boundary

U. S. public lands survey: range, township; section

Range, township, section line: protected

Power transmission line: pipeline

Dam, dam with lock

Cemetery, building

Windmill; water well; spring

Mine shaft; adit or cave; mine, quarry; gravel pit

Campground; picnic area; U. S. location monument

Ruins, cliff dwelling

Distorted surface: strip mine, lava, sand

Contours: index; intermediate; supplementary

Bathymetric contours: index, intermediate

Stream, lake, perennial; intermittent

Rapids, large and small; falls, large and small

Area to be submerged; marsh, swamp

Land subject to controlled inundation; woodland

Scrub; mangrove

Orchard; vineyard

A pamphlet describing topographic maps is available on request