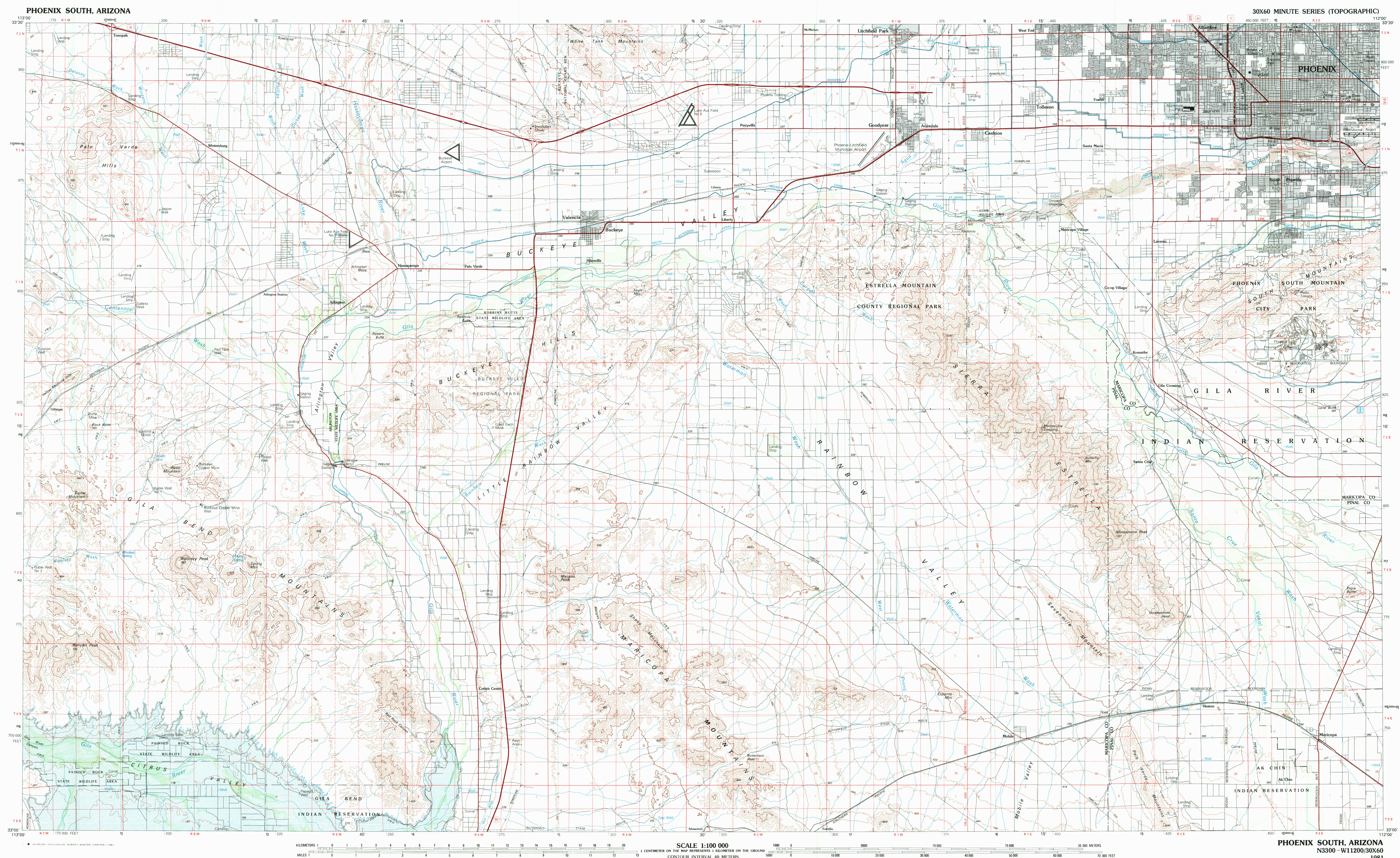




1:100 000-scale metric topographic map of
Phoenix South
ARIZONA

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

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9658
8	26.2467
9	29.5275
10	32.8084

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

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

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 8022
OR RESTON, VIRGINIA 22092

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 gage; narrow gage
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
Contaminated, 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

KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 40 METERS
SUPPLEMENTARY CONTOUR INTERVAL 10 METERS

0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000 FEET

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 FEET

PHOENIX SOUTH, ARIZONA
N3300-W11200/30X60
1981

A pamphlet describing topographic maps is available on request