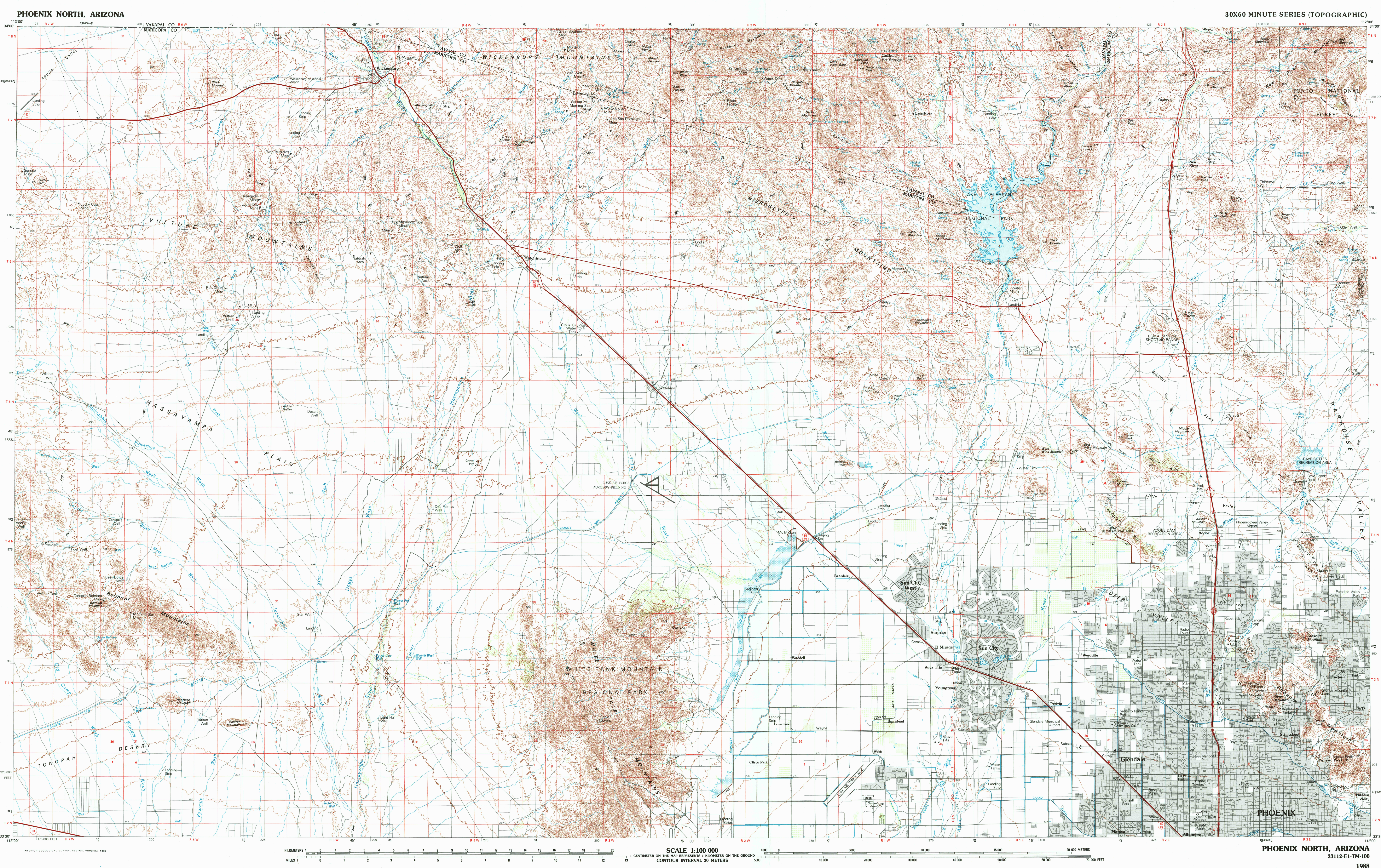


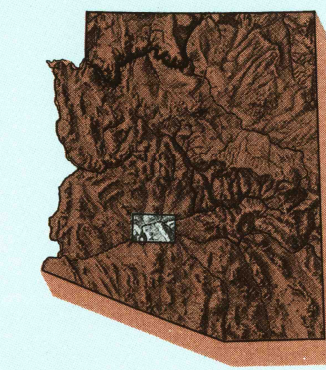




# Phoenix North

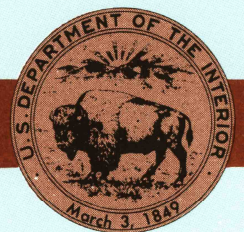
## ARIZONA

1:100 000-scale metric topographic map



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

1988

Produced by the United States Geological Survey  
Compiled from USGS 1:24 000 and 1:62 500 topographic maps dated 1964-1988. Planimetry revised from aerial photographs taken 1972, 1974 and 1981 and other source data. Revised information not field checked.  
Map edited 1988.  
Projection and 10 000-meter grid, zone 12  
Universal Transverse Mercator  
25 000-foot grid ticks based on Arizona coordinate system, central zone, 1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 67 meters east.  
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 20 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY,  
P.O. BOX 25286, DENVER, COLORADO, 80225

| CONVERSION TABLE |         | DECLINATION DIAGRAM |                 | ADJOINING MAPS |   |   |
|------------------|---------|---------------------|-----------------|----------------|---|---|
| Meters           | Feet    | Diagram             |                 | 1              | 2 | 3 |
| 1                | 3.2808  |                     | 12°10' 222 MILS | 4              | 5 |   |
| 2                | 6.5617  |                     |                 | 6              | 7 | 8 |
| 3                | 9.8425  |                     |                 |                |   |   |
| 4                | 13.1234 |                     |                 |                |   |   |
| 5                | 16.4043 |                     |                 |                |   |   |
| 6                | 19.6852 |                     |                 |                |   |   |
| 7                | 22.9660 |                     |                 |                |   |   |
| 8                | 26.2469 |                     |                 |                |   |   |
| 9                | 29.5278 |                     |                 |                |   |   |
| 10               | 32.8084 |                     |                 |                |   |   |

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

UTM grid convergence (G) and 1983 magnetic declination (M) at center of map. Diagram is approximate.

1 Alamogordo Lake  
2 Bradshaw Mountains  
3 Payson  
4 Salome  
5 Theodore Roosevelt Lake  
6 Little Horn Mountains  
7 Phoenix South  
8 Mesa

ISBN 0-607-08172-4  
9 780607 081725

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USGS AND  
HISTORICAL MAP ARCHIVES

### Topographic Map Symbols

|                                                             |  |
|-------------------------------------------------------------|--|
| Primary highway, hard surface                               |  |
| Secondary highway, hard surface                             |  |
| Light duty road, principal street, hard or improved surface |  |
| Other road or street, trail                                 |  |
| Route marker: Interstate, U. S., State                      |  |
| Railroad: standard gauge, narrow gauge                      |  |
| Bridge: overpass, underpass                                 |  |
| Tunnel: road, railroad                                      |  |
| Build 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: projected                    |  |
| Power transmission line: pipeline                           |  |
| Dam; dam with lock                                          |  |
| Cemetery; building                                          |  |
| Windmill; water well; spring                                |  |
| Mine shaft; adit or cave; mine, quarry; gravel pit          |  |
| Compass rose; picnic area; U. S. location monument          |  |
| Rail; 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

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