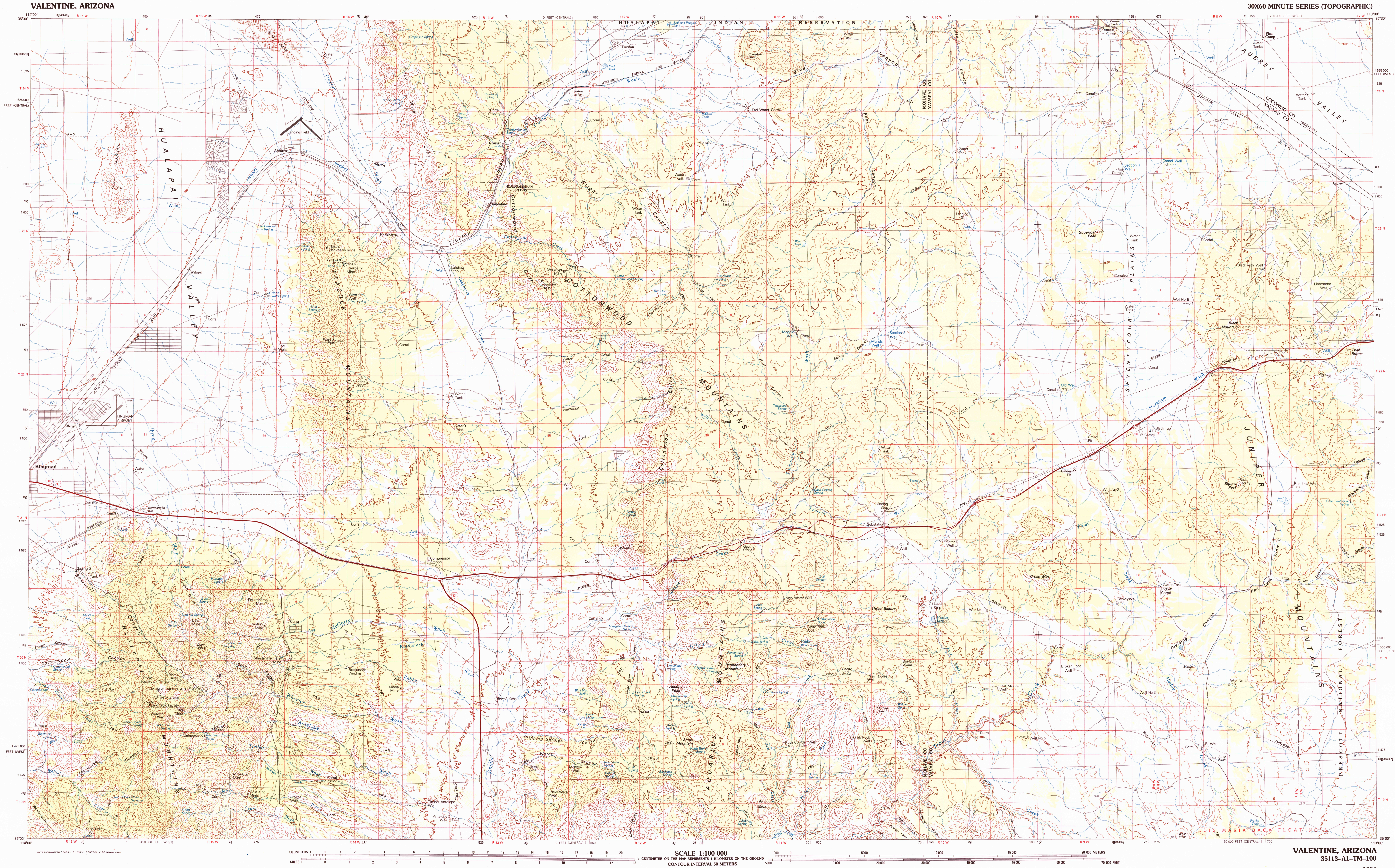




USGS
science for a changing world

Valentine

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

1984

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1966-1980. Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked. Map edited 1984.
Projection and 10 000-meter grid, zone 12.
Universal Transverse Mercator
25 000-foot grid ticks based on Arizona coordinate system, west and central zones, 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters north and 70 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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	Magnetic Declination		1	2	3
1	3.2808	1727 340 MILS		4	5	
2	6.5617			6	7	8
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
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

UTM grid convergence (EN) and local magnetic declination (MD) at center of map. Diagram is approximate.

1 Boulder City
2 Peach Springs
3 Valle
4 Dams Dam
5 Williams
6 Needles
7 Blythe
8 Primm

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USGS/NMII
HISTORICAL MAP ARCHIVES

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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, trail
Route marker: Interstate; U. S. State	Railroad: standard gauge; narrow gauge
Bridge: overpass; underpass	Tunnel: bridge; 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; proposed	Power transmission line; pipeline
Dam; dam with lock	Cemetery; building
Wellhead; water well; spring	Mine shaft; adit or ore 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	