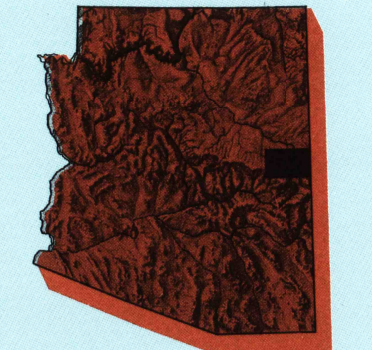
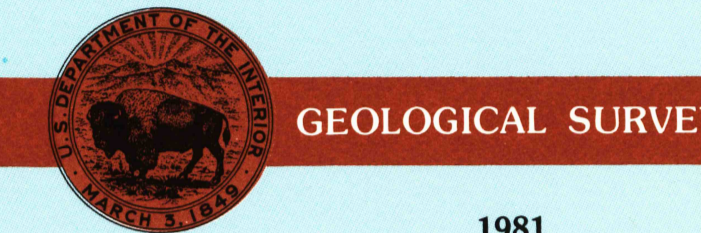




1:100 000-scale metric topographic map of Springerville ARIZONA-NEW MEXICO



- 30 X 60 MINUTE QUADRANGLE SHOWING
- Contours and elevations in meters
 - Highways, roads and other manmade structures
 - Water features
 - Woodland areas
 - Geographic names



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1968-1978. Planimetry revised from aerial photographs taken 1972-73 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, east zone and New Mexico coordinate system, west zone 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 59 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

THIS MAP COMPLES 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	121° 15' N		4	5	6
2	6.5617	121° 15' N		7	8	9
3	9.8425	121° 15' N		10	11	12
4	13.1234	121° 15' N		13	14	15
5	16.4042	121° 15' N		16	17	18
6	19.6850	121° 15' N		19	20	21
7	22.9659	121° 15' N		22	23	24
8	26.2467	121° 15' N		25	26	27
9	29.5275	121° 15' N		28	29	30
10	32.8084	121° 15' N		31	32	33

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

UTM grid convergence (GN and 180) magnetic declination (MO) at center of map
 Diagram is approximate

1 Hollowbrook
 2 St. Johns
 3 Fence Lake
 4 Quemado
 5 Show Low
 6 Safford
 7 Safford
 8 Tularosa Mts.



Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or access, road
- Route marker: Interstate, U. S. State
- Railroad: standard gage; narrow gage
- Bridge: overpass; underpass
- Tunnel: road; railroad
- Built-up area, locality, direction
- 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: protracted
- Power transmission line: pipeline
- Dam; dike with lock
- Canary; water control
- Windmill; water well; spring
- Mine shaft; salt or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Run; cliff dwelling
- Channel 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, swampland
- Land subject to controlled inundation; woodland
- Sink; mangrove
- Ochard; vineyard