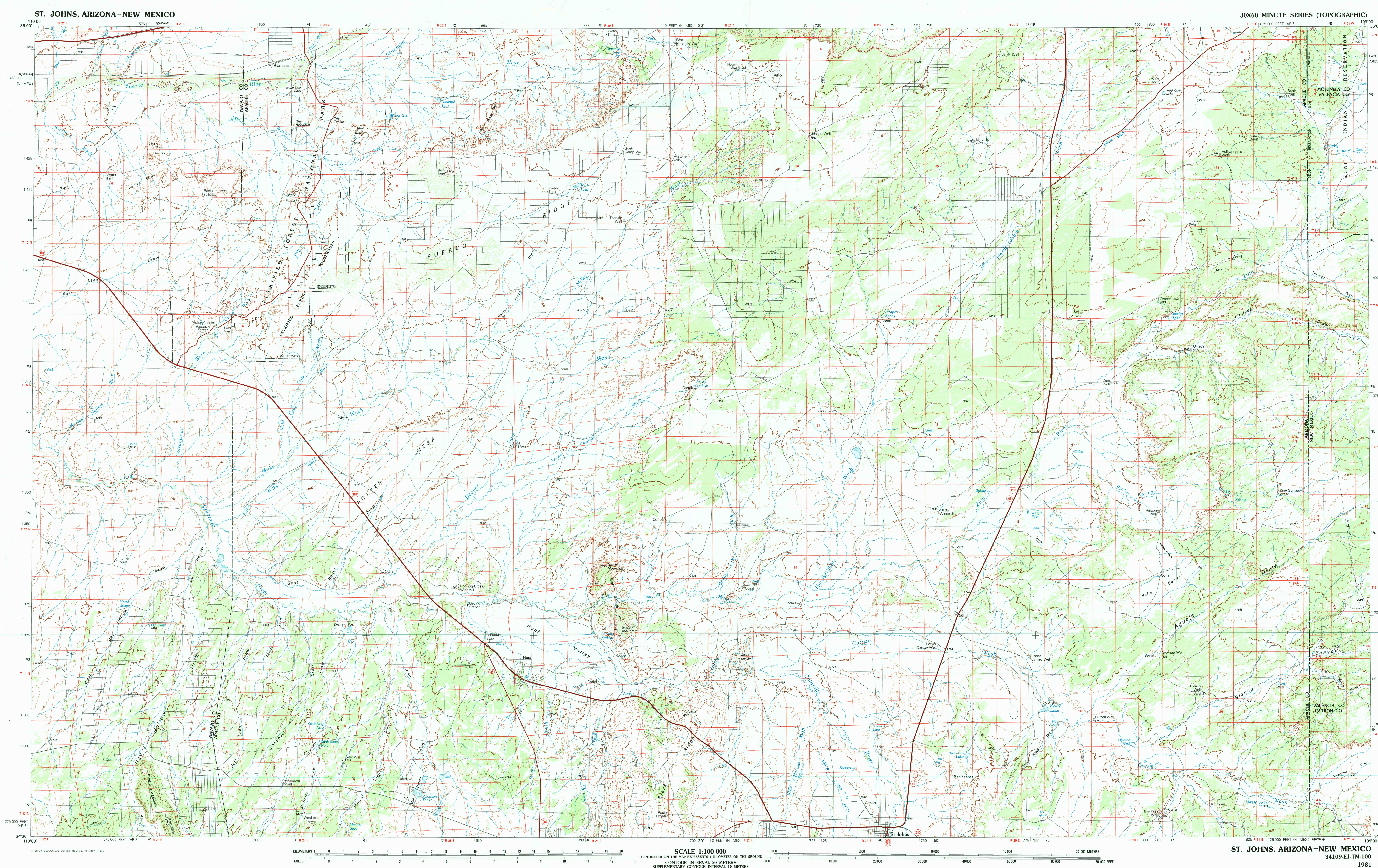
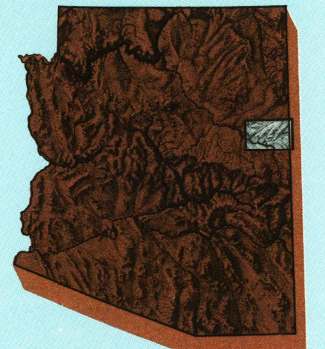




St. Johns

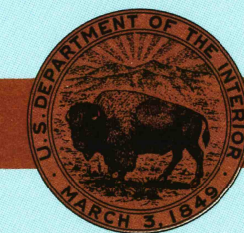
ARIZONA-NEW MEXICO

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

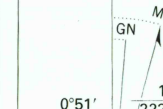
1981

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1971-1981 and maps in progress. Planimetry revised from aerial photographs taken 1973 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 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
SUPPLEMENTARY CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARD

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING	
Meters	Feet			1	2
1	3.2808	UTM grid convergence (GN) and 180 magnetic declination (MN) at center of map Diagram is approximate		4	
2	6.5617			5	
3	9.8425			6	7
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				1 Winslow 2 Sanders 3 Zuni 4 Holbrook 5 Fence Lake 6 Show Low 7 Springerville 8 Queradero	
To convert feet to meters multiply by 0.3048					

ISBN 0-607-85943-1

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JAN 31 1997
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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 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; protracted	
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