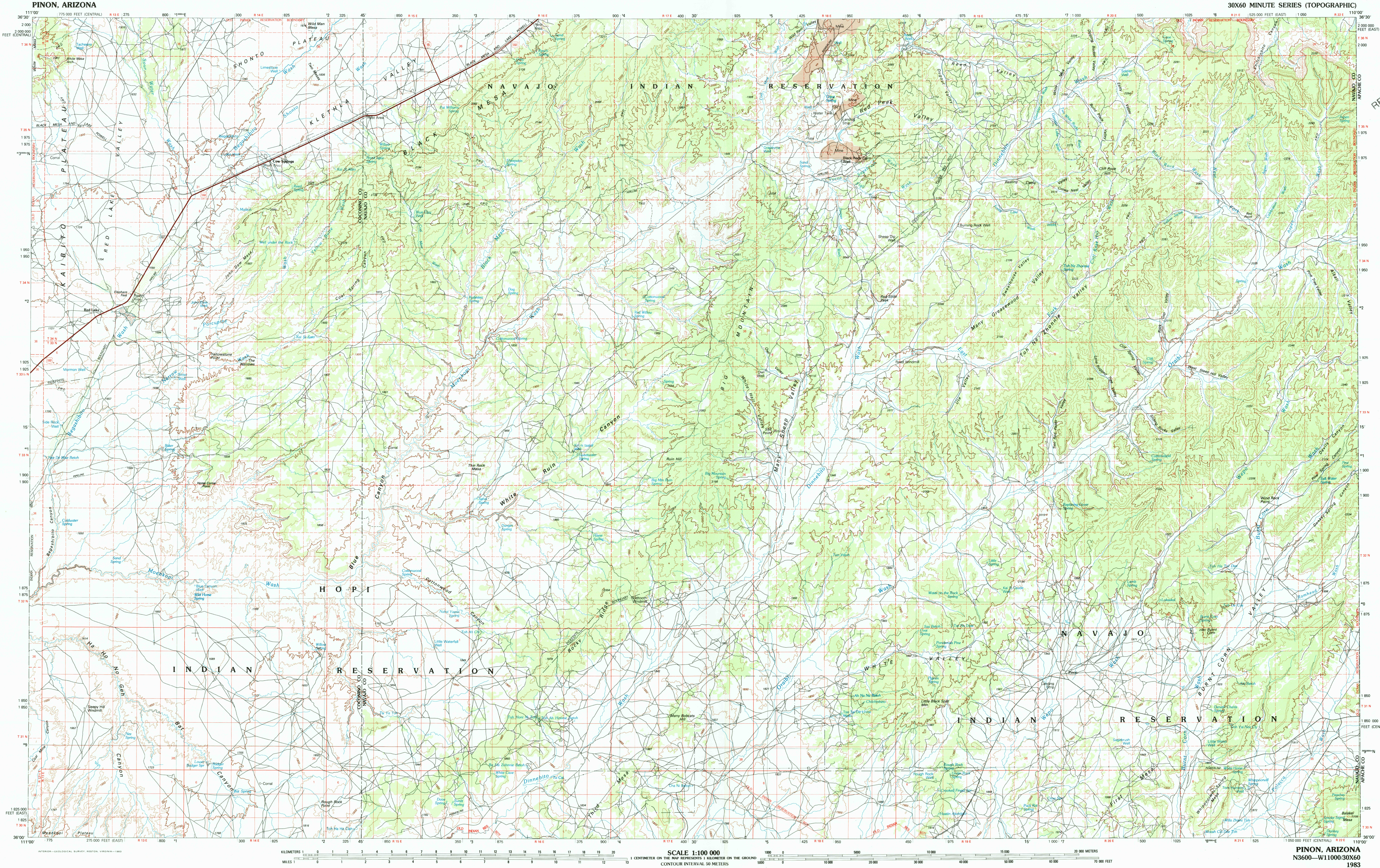
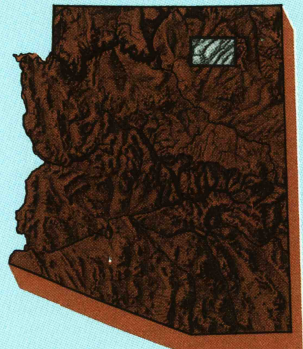




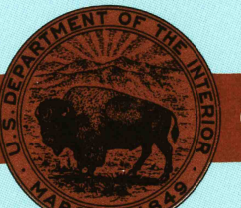
1:100 000-scale metric
topographic map of
Pinon
ARIZONA



RECEIVED
JUL 31 1989
USGS WFO
HISTORICAL MAP ARCHIVES

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

1983

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1967-1971. Planimetry revised from aerial photographs taken 1980, and other source data. Revised information not field checked. Map edited 1983.

Projection and 10 000-meter grid, zone 12. Universal Transverse Mercator

25 000-foot grid ticks based on Arizona coordinate system, east and central zones.

1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 3 meters north and 62 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	
Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

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

DECLINATION DIAGRAM



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

ADJOINING MAPS		
1	2	3
4	5	6
7	8	

1 Glen Canyon Dam
2 Kayenta
3 Rock Point
4 Tuba City
5 Canyon de Chelly
6 Cameron
7 Puerco
8 Ganado

ISBN 0-607-07464-7
9 780607 074642

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, building, elevation	Airport, landing field, landing strip	National 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	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	Shrub, mangrove	Orchard, vineyard
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A pamphlet describing topographic maps is available on request

30 X 60 MINUTE QUADRANGLE
SHOWING

1:100 000
SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 50 METERS

PINON, ARIZONA
N3600-W11000/30X60
1983