ROCK POINT, ARIZONA—NEW MEXICO—UTAH—COLORADO

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

ROCK POINT, ARIZONA—NEW MEXICO—UTAH—COLORADO

36109-E1-TM-100

1986

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 50 METERS

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1987

36109-E1-TM-100

Rock Point

ARIZONA–NEW MEXICO–UTAH–COLORADO

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

1986

Produced by the United States Geological Survey

Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1952–1982. Planimetry revised from aerial photographs taken 1980 and other source data
Revised information not field checked
Map edited 1986

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 2 meters north and 60 meters east

Where omitted, land lines have not been established

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
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

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

GN MN 0°54' 16 MILS 12½° 222 MILS

UTM grid convergence (GN) and 1986 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4		5
6	7	8

1 Navajo Mountain
2 Bluff
3 Cortez
4 Kayenta
5 Farmington
6 Piñon
7 Canyon de Chelly
8 Toadlena

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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