



**Kayenta**  
ARIZONA—UTAH

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 and 1:62 500-scale topographic maps dated 1955-1971. 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, east and central zones  
1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 4 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

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate		1	2	3
1	3.2808	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate		4	5	6
2	6.5617	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate		7	8	
3	9.8425	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate				
4	13.1234	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate				
5	16.4042	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate				
6	19.6850	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate				
7	22.9659	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate				
8	26.2467	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate				
9	29.5275	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate				
10	32.8084	UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate				

To convert meters to feet multiply by 2.208  
To convert feet to meters multiply by 0.3048

UTM grid convergence (G) and 1984 magnetic declination (M) diagram is approximate

1 Snowy Mountain  
2 Navajo Mountain  
3 Black Point  
4 Glen Canyon Dam  
5 Rock Point  
6 Tuba City  
7 Phoenix  
8 Canyon de Chelly

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

**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: 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: protected	Power transmission line; pipeline	Dam; dam with lock	Cemetery; building	Windmill; water well; spring	Mine shaft; adit or cave; mine, quarry; gravel pit	Geographic name: area; U. S. location monument	Rail; cliff dwelling	Disturbed surface: strip mine, lava; sand	Contours: index; intermediate; supplementary	Bathymetric contours: index; intermediate	Stream, lake; perennial; intermittent	Reefs, large and small; kelp, large and small	Area to be submerged; marsh, swamp	Land subject to controlled inundation; woodland	Scrub; mangrove	Orchard; vineyard
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