



1:100 000-scale metric topographic map of St. George UTAH-ARIZONA

USGS Historical File National Mapping Div.

30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

2000
MAY 5 1981

U.S. GEOLOGICAL SURVEY 1980

Produced by the United States Geological Survey in cooperation with the Soil Conservation Service. Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1954-1972 and from advance materials. Partially revised from aerial photographs taken 1976 and other source data. Revised information not field checked. Map edited 1980.

Projection and 10 000-meter grid, zone 12 Universal Transverse Mercator. 25 000-foot grid ticks based on Utah coordinate system, south zone, 1927 North American datum. To place on the projected North American Datum 1983 move the projection lines 6 meters north and 70 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	GN	MN	1	2	3	4
1	3.2808			1	2	3	4
2	6.5617			5	6		
3	9.8425			7	8		
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
To convert feet to meters multiply by 0.3048

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

1 Columbia
2 Cadiz
3 Cannonville
4 Cloney Mountains
5 Orem
6 Hatch
7 Panguitch
8 Fredonia

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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	
Build 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: projected	
Power transmission line: pipeline	
Dam: dam with lock	
Dam: dam with lock	
Cemetery: building	
Well: water well, spring	
Mine shaft: adit or cave, mine, quarry, gravel pit	
Campground: picnic area, U.S. location monument	
Ruin: cell dwelling	
Disrupted surface: strip mine, levee, sand	
Contours: index, intermediate, supplementary	
Bathymetric contours: index, intermediate	
Stream, lake: perennial, intermittent	
Reefs, large and small; bays, large and small	
Area to be submerged: marsh, swamp	
Land subject to controlled inundation; woodland	
Scrub: mangrove	
Orchard: vineyard	