

USGS
science for a changing world

Benton Range

CALIFORNIA-NEVADA

1:100 000-scale metric topographic map

RECEIVED
MAR 3 1 2000

USGS NHD
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

1988

Produced by the United States Geological Survey in cooperation with Nevada Bureau of Mines and Geology

Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1962-1986. Flanometry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1988.

Projection and 10 000-meter grid, zone 11 Universal Transverse Mercator. 25 000-foot grid ticks based on California coordinate system, zones 3 and 4 and Nevada coordinate system west zone. 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 10 meters north and 84 meters east. Where omitted, land lines have not been established or are omitted due to insufficient data. 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
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY,
P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJACENT MAPS	
Meters	Feet	1	2	1	2
1	3.2808	0°	15°	3	3
2	6.5617	30°	30°	4	4
3	9.8425	45°	45°	5	5
4	13.1234	60°	60°	6	6
5	16.4042	75°	75°	7	7
6	19.6850	90°	90°	8	8
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 (N) and 1983 magnetic declination (M) at center of map. Diagram is approximate.

1	Bridgeport
2	Excelsior Mountains
3	Yosemite Valley
4	Yosemite Valley
5	Shaver Lake
6	Shaver Lake
7	Shaver Lake
8	Last Chance Range



Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, bad
- 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; protracted
- Power transmission line; pipeline
- Dam: dam with lock
- Cemetery: building
- Windmill; water well; spring
- Mine shaft; ast; or cave, mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; 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
- Sand; meadow
- Orchard; vineyard

