



1:100 000-scale metric topographic map of Merced CALIFORNIA



30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1960-1981. Planimetry revised from aerial photographs taken 1979-80 and other source data. Revised information not field checked. Map edited 1983.
 Projection and 10 000-meter grid, zone 10, Universal Transverse Mercator
 25 000-foot grid ticks based on California coordinate system, zone 3, 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 10 meters north and 90 meters east
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS
 SUPPLEMENTARY CONTOUR INTERVAL 25 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC		1	2	3
1	3.2808	27 MILS		1	2	3
2	6.5617	28 MILS		4	5	6
3	9.8425	29 MILS		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 (IGN and 1983 magnetic) at center of map Diagram is approximate

1	Stockton
2	Oakdale
3	Yosemite Valley
4	San Jose
5	Shaver Lake
6	Manteca
7	Merced
8	Fresno

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80221
 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, road
- 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; protruded
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; building
- Wellhead; water well; spring
- Mine shaft; salt or ore; 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

