

30X60 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 50 METERS
WITH SUPPLEMENTARY CONTOURS AT 10-METER INTERVALS

RED BLUFF, CALIFORNIA

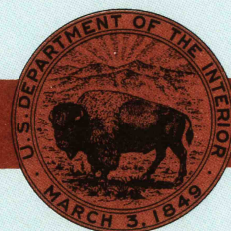
N4000-W12200/30X60

1979

APR 16 1980

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

1979

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000 and 1:62 500 scale topographic maps
 dated 1951-1969. Planimetry revised from aerial photographs
 taken 1976 and other source data. Revised information not
 field checked. Map edited 1979
 Projection and 10 000-meter grid, zone 10,
 Universal Transverse Mercator
 25 000-foot grid ticks based on California coordinate system,
 zone 1. 1927 North American Datum
 To place on the predicted North American Datum 1983
 move the projection lines 18 meters north and 93 meters east
 There may be private inholdings within the boundaries of
 the National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS
WITH SUPPLEMENTARY CONTOURS AT 10-METER INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
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		UTM grid convergence (GN and 18° magnetic declination) 18' at center of map		1	Hayford	
		Diagram is approximate		2	Ridding	
				3	Burney	
				4	Garberolle	
				5	Lake Almanor	
				6	Coleville	
				7	Wells	
				8	Chico	
To convert feet to meters multiply by 0.3048						

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80213
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, hard or improved surface	
Road 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	
Political boundary	
State boundary	
National or State reservation boundary	
Land grant boundary	
U.S. public lands survey: range, township, section	
Range, township, section: line: protracted	
Transmission line, pipeline	
Ditch, ditch with lock	
Cemetery, building	
Windmill; water well; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Campground; picnic area; U.S. location monument	
Runs, cliff dwelling	
Dispersed 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	
Swamp to be submerged; marsh, swamp	
Water subject to controlled inundation; woodland	
Soils: mangrove	
Orchard; vineyard	

