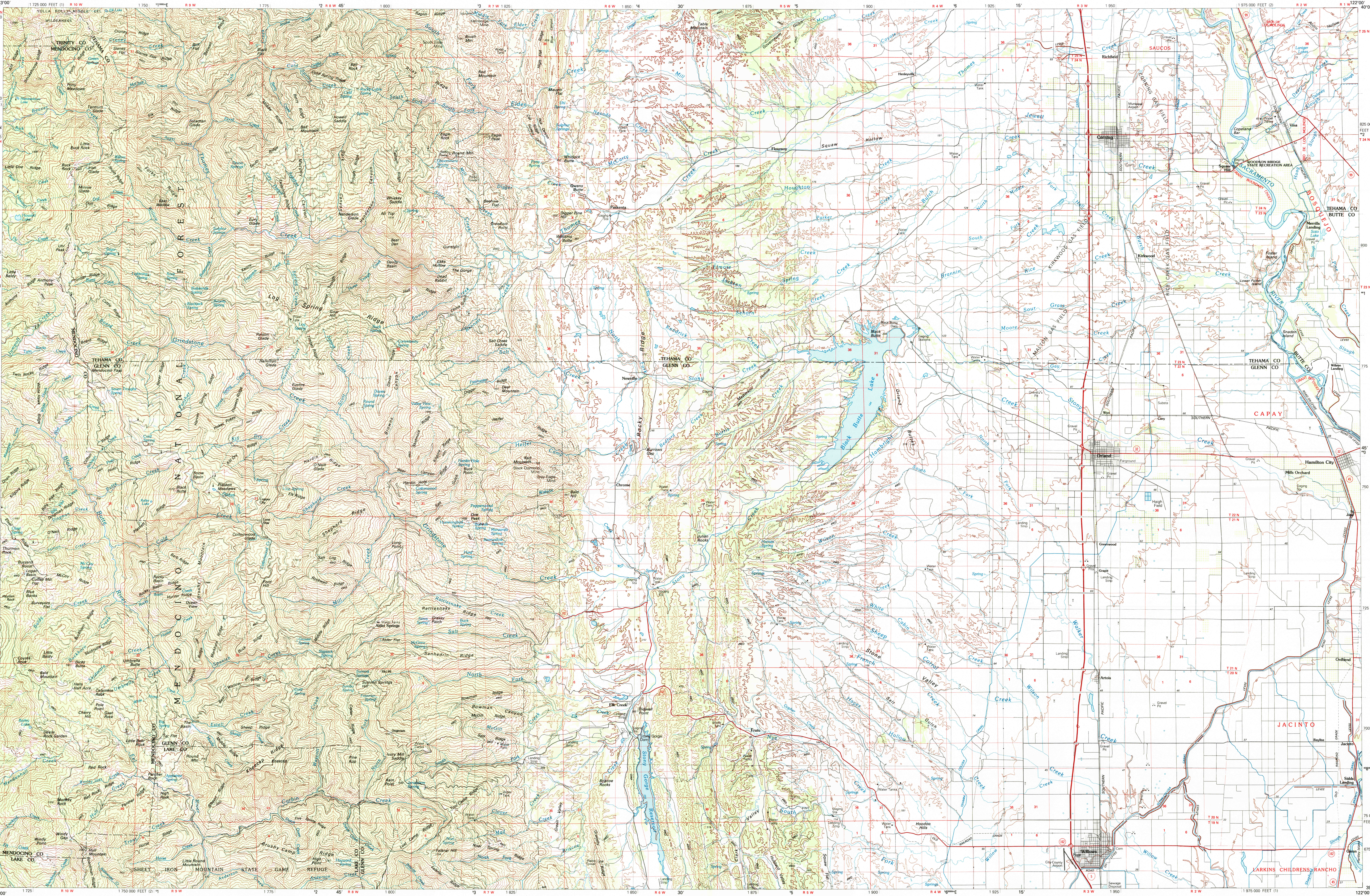


WILLOWS, CALIFORNIA



USGS
science for a changing world

Willows

CALIFORNIA

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

U.S. GEOLOGICAL SURVEY

1987

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1967-1978. Planimetry revised from aerial photographs taken 1977, 1978, 1980 and other source data. Revised information not field checked.
Map edited 1987.
Projection and 10 000-meter grid, zone 10
Universal Transverse Mercator
25 000-foot grid ticks based on California coordinate system, zones 2 and 1, 1957 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 17 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
SUPPLEMENTARY CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPILES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY,
P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet			1	2	3	
1	3.2808	0°11' 16°11' 293 MILES 6 MILS	UTM grid convergence (GN) and 1987 magnetic declination (MD) at center of map. Diagram is approximate.	1	2	3	
2	6.5617			4	5		
3	9.8425			6	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							

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NOV 3 0 2001

HISTORICAL MAP ARCHIVES

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.....	
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: protracted.....	
Power transmission line; pipeline.....	
Dam; dam with lock.....	
Cemetery, building.....	
Windmill; water well; spring.....	
Mine shaft; sort or cave; 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.....	
Swamp; mangrove.....	
Orchard; vineyard.....	

A pamphlet describing topographic maps is available on request

