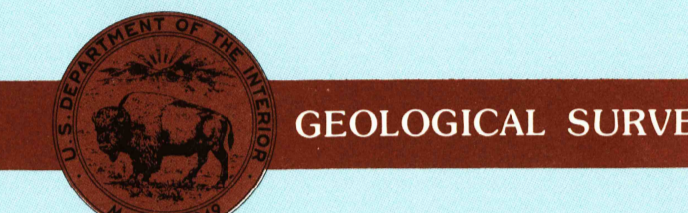




30 X 60 MINUTE QUADRANGLE
SHOWING

- 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 and 1:62 500-scale topographic maps dated 1954-1956. Planimetry revised from aerial photographs taken 1975 and other source data. Revised information not field checked. Map edited 1985.

Projection and 10 000-meter grid, zone 11.
 Universal Transverse Mercator
 25 000-foot grid ticks based on California coordinate system, zones 5 and 6.
 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 76 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		ADDING MAPS		
Meters	Feet	Diagram		1	2	3
1	3.2808			1	2	3
2	6.5617			4	5	6
3	9.8425			7	8	9
4	13.1234			10	11	12
5	16.4042			13	14	15
6	19.6850			16	17	18
7	22.9659			19	20	21
8	26.2467			22	23	24
9	29.5275			25	26	27
10	32.8084			28	29	30

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

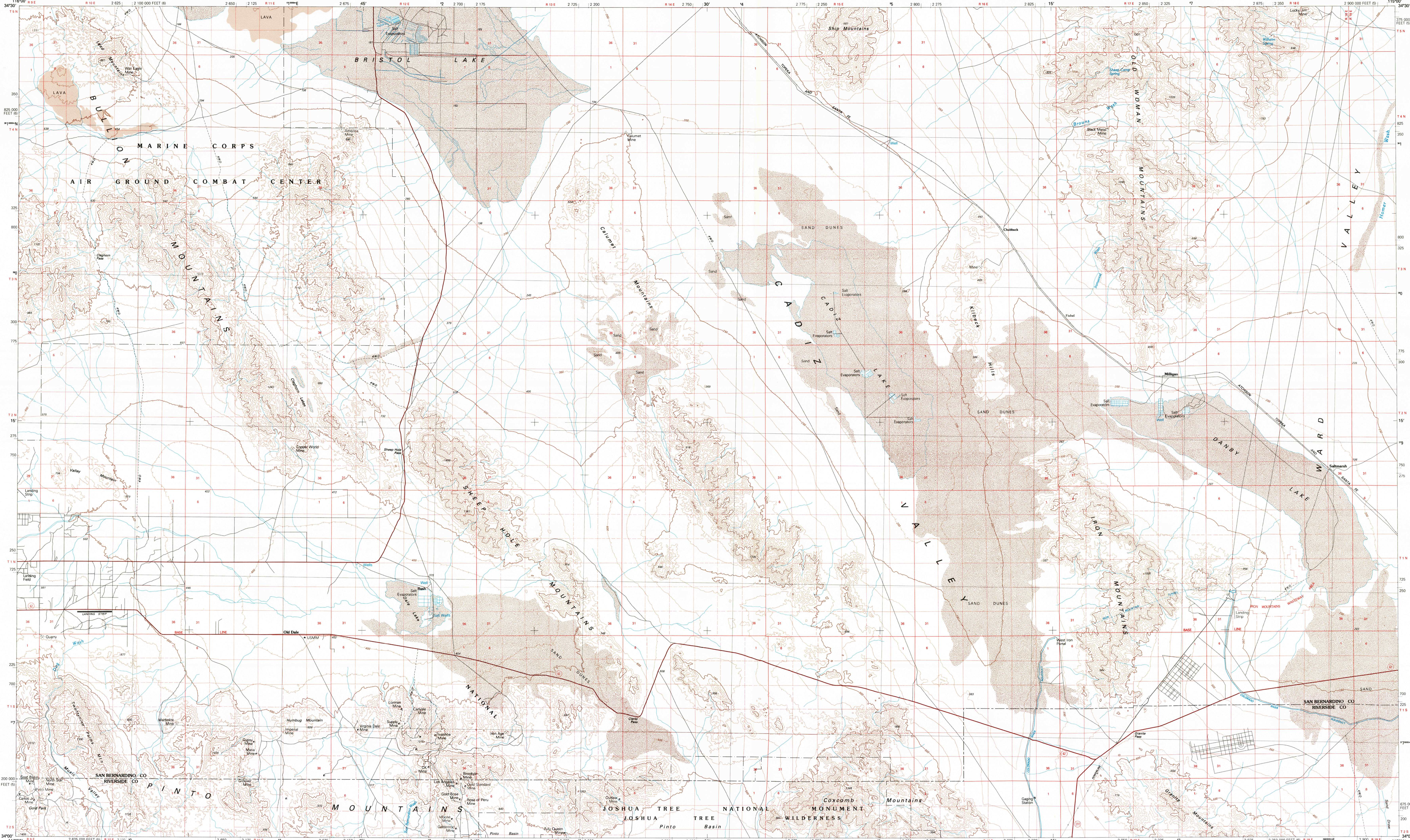
UTM grid convergence (GC) and 1983 magnetic declination (MD) at center of map. Diagram is approximate.

1 Newberry Springs
 2 Anthony Lake
 3 Needles
 4 Big Bear
 5 Palm Springs
 6 Lake Arrowhead
 7 Eagle Mountains
 8 Blake

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
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, trail
- Route marker: Interstate, U. S., State
- Railroad: standard gauge, narrow gauge
- 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: protected
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; landing field; landing strip
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins; cliff dwelling
- Disturbed 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; mark, swamp
- Land subject to controlled inundation; woodshed
- Soak; mangrove
- Orchard; vineyard



USGS AND HISTORICAL MAP ARCHIVES

A pamphlet describing topographic maps is available on request