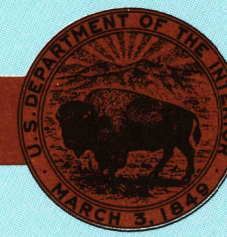




**30 X 60 MINUTE QUADRANGLE
SHOWING**

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



GEOLOGICAL SURVEY

1977
PHOTOINSPECTED 1989

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500 scale topographic maps dated 1953-1971. Planimetry revised from aerial photographs taken 1976 and other source data. Revised information not field checked. Map edited 1977
1927 North American Datum (NAD 27). Projection and 10 000 meter grid: Universal Transverse Mercator, zone 11
25 000 foot ticks: California coordinate system, zone 5
The difference between NAD 27 and North American Datum of 1983 is not shown at this scale.
The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Protracted land lines are dashed

Map photoinspected using 1989 photographs
No major culture or drainage changes found

CONTOUR INTERVAL 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARD

CONVERSION TABLE

Meters	Feet
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

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

9°11' 258 MILS

GN Mn

(MIL grid convergence (GN) and 1917 magnetic declination (Mn) at center of map. Diagram is approximate)

ADJOINING MAPS

1	2	3
1	2	3
6	7	8

1 Cuddeluck Lake
2 Soda Mountains
3 Ivanpah
4 Victorville
5 Amboy
6 San Bernardino
7 Big Bear Lake
8 Sheep Hole Mtns

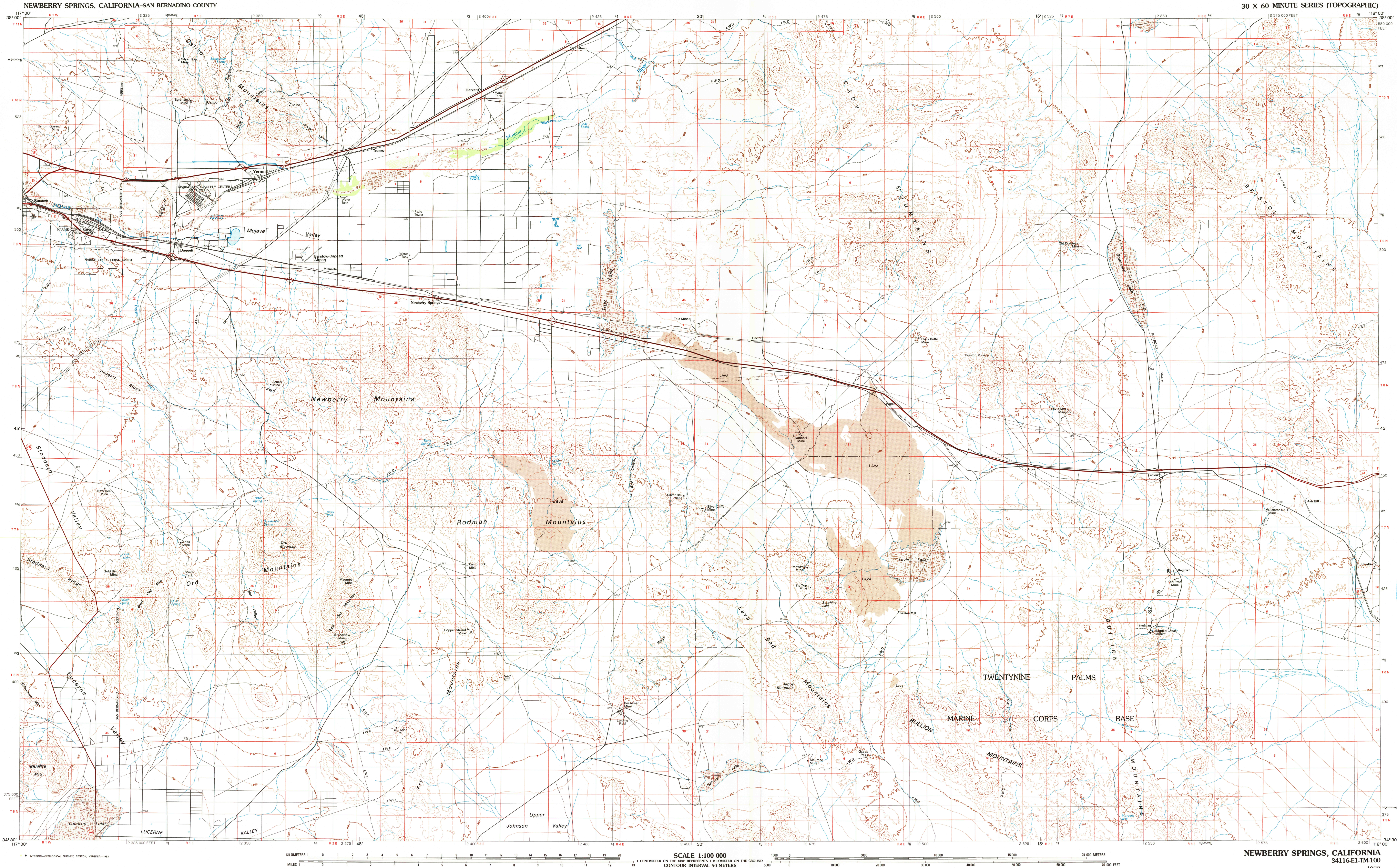
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 802
OR RESTON, VIRGINIA 22092



Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
Other road or street	
Route marker: Interstate, U. S. State	
Railroad: standard gauge; narrow gauge	
Railroad: 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; cut of cave; mine, quarry; gravel pit	
Cemetary; pond; area, U. S. location number	
River; cliff dwelling	
Disrupted surface: strip mine, lava, sand	
Contours: index; intermediate; supplementary	
Hydrographic 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	
Sandy, marshy	
Archaeo: viewpoint	

A pamphlet describing topographic maps is available on request.

NEWBERRY SPRINGS, CALIFORNIA
34116-E1-TM-100

PHOTOINSPECTED 1989 1977