U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
USGS science for a changing world

COUGAR BUTTES QUADRANGLE
CALIFORNIA–SAN BERNARDINO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

2653 II SW (WHITE HORSE MTN.)
2653 II SW (FRY MOUNTAINS)
2653 III SE (GRAND VIEW MINE)
2652 IV NW (LUCERNE VALLEY)
2652 IV SW (FAWNSKIN)
2652 I NW (OLD WOMAN SPRINGS)
2652 I SW (RATTLESNAKE CANYON)
LUCERNE VALLEY (CALIF. 18) 4.5 MI.
VICTORVILLE 27 MI. LUCERNE VALLEY (CALIF. 247) 6 MI.
BIG BEAR CITY (CALIF. 38) 13 MI.
32 MI. TO CALIF. 62
(BIG BEAR CITY) 2652 IV SE

Produced by the United States Geological Survey in cooperation with California Department of Water Resources

Control by USGS and NOS/NOAA

Compiled from aerial photographs taken 1969. Field checked 1971

North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: California Coordinate System, zone 5 (Lambert Conformal Conic)
Blue 1000-meter Universal Transverse Mercator ticks, zone 11

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

Fine red dashed lines indicate selected fence lines

Photoinspected from 1989 source; no major culture or drainage changes observed. Names verified 1994

UTM GRID AND 1994 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

20% TOTAL RECOVERED FIBER

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U. S. Route
State Route

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1994

COUGAR BUTTES, CA
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1971
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