



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY USGS, NOS NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1975, 1980
FIELD CHECKED 1981, MAP EDITED 1984
PROJECTION UNIVERSAL TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR, ZONE 11
10,000-FOOT STATE GRID TICS CALIFORNIA, ZONE 5
UTM GRID DECLINATION 102° EAST
1980 MAGNETIC NORTH DECLINATION 14° EAST
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983,
move the projection lines as shown by dashed corner ticks
(2 meters north / 75 meters east)
There may be private inholdings within the boundaries of any
Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check.

SCALE 1:24 000

1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
KILOMETERS
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
METERS
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
MILES

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOUR INTERVAL 5 METERS
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3	1	Pinto Valley
2	3	4	2	Groto Hills
3	4	5	3	East of Groto Hills
4	5	6	4	Woods Mts.
5	6	7	5	Signal Hill
6	7	8	6	Desert Spring
7	8	9	7	Fenner Hills
8	9	10	8	Goffs

ADJOINING 7.5 QUADRANGLE NAMES

CONTOURS AND ELEVATIONS IN METERS
ROAD LEGEND

Improved Road.....
Unimproved Road.....
Trail.....
Interstate Route U.S. Route State Route

HACKBERRY MOUNTAIN, CALIF.
PROVISIONAL EDITION 1984
35115-A2-TM-024