UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Sheet 1 of 4
APR 02 2001

NEEDLES NW QUADRANGLE
CALIFORNIA – ARIZONA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 NEEDLES 15' QUADRANGLE

3054 III (HOMER MTN.) 1:62 500

3054 II SE (DAVIS DAM SE)

114°45' 35°00' 3875000m N. 210 000 FEET (ARIZ.) 706000m E. 707 708 709 42'30" 710 3054 II SW (MT. MANCHESTER) 712 40' 713 715 716 3 010 000 FEET (CALIF.) 114°37'30" 35°00'

3874 T. 11 N. 1 450 000 FEET (ARIZ.) 3873 T. 10 N. 3872 3871 57'30" 3870 3869 3868 3867 3866 55' 530 000 FEET (CALIF.) T. 10 N. T. 9 N. 3865 3864 3863 3862000m N. 34°52'30"

3053 IV (BANNOCK 1:62 500)

(NEEDLES NE) 3055 I NE

(NEEDLES) 3053 I SE

560 000 FEET (CALIF.)

1 420 000 FEET (ARIZ.)

114°37'30"

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1969. Field checked 1970

Polyconic projection. 1927 North American datum
10,000-foot grids based on California coordinate system, zone 5 and Arizona coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

To place on the predicted North American Datum 1983 move the projection lines 2 meters north and 74 meters east as shown by dashed corner ticks

Where omitted land lines have not been established

Indefinite boundaries of Fort Mojave Indian Reservation an old military reservation are in dispute

There may be private inholdings within the boundaries of the National or State reservations shown on this map

GN MN 1°19' 24 MILS 14½° 258 MILS

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ORIGINAL

FINAL

CALIF

QUADRANGLE LOCATION

Map photoinspected 1975
No major culture or drainage changes observed

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

NEEDLES NW, CALIF.–ARIZ.
NW/4 NEEDLES 15' QUADRANGLE
34114-H6-TF-024
PHOTOINSPECTED 1975
1970

DMA 3053 I NW—SERIES V895

(BANNOCK 1:62 500) 3053 IV

(NEEDLES) 3053 I SE

POST OFFICE 4.3 MI. KINGMAN, ARIZ. 61 MI.

230 000 FEET (ARIZ.)

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1986

716000m E.

DEAD MOUNTAINS WILDERNESS
CASE #CACA 035076