



Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1956. Field check 1958
Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system,
west zone
1000-meter Universal Transverse Mercator grid ticks,
zone 13, shown in blue
Areas of Elephant Butte Reservoir covered by dashed light-blue
pattern are subject to controlled inundation to 4450
To place on the predicted North American Datum 1983
move the projection lines 5 meters south and
53 meters east as shown by dashed corner ticks

UTM GRID AND 1980 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
111° 11' 21" N
111° 11' 204" N
1:12" = 21 MILES
204 MILES

SCALE 1:24,000
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
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CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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
NEW MEXICO
QUADRANGLE LOCATION
ELEPHANT BUTTE, N. MEX.
NW/4 ENGLE 15' QUADRANGLE
N3307.5-W10707.5/7.5
1958
PHOTOREVISED 1980
DMA 4550 II NW-SERIES V881
Purple tint indicates extension of urban areas
Revisions shown in purple compiled from aerial photographs
taken 1978 and other source data. This information not
field checked. Map edited 1980

4550 N.W.F. (MULETANO HILL)
4550 N.E. (CROCKERS)
SOCORRO 7.1 MI. SAN ANTONIO 6.1 MI.
4550 III NE (CUCUILLO)
LAS CRUCES 28 MI. CUCUILLO 14 MI.
WILLIAMSBEYER 4550 III SE

4550 N.E. (CROCKERS)
4550 N.W.F. (MULETANO HILL)
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