UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF AGRICULTURE
FOREST SERVICE

EL MORRO QUADRANGLE
NEW MEXICO-CIBOLA CO.
7.5-MINUTE SERIES (TOPOGRAPHIC)

CIBOLA NATIONAL FOREST

EL MORRO NATIONAL MONUMENT

Sand Corner
Corral
Spring
Well
Muerto Can
Canyon
Water
Little Water Canyon
ZUNI MOUNTAINS
Canoco Canyon
Alamosa Canyon
Ojo Bonito
Tinaja Cemetery
Tinaja
Caruco Spring
Pueblito
Corrals
Tank
El Morro
El Morro Lookout
El Morro Cemetery
Obe Worthen Mesa
Charlie Barns Gap
TELEPHONE
Inscription Rock
BM 7181
BM 7234
BM 7340
BM 7337
BM 7380
BM 7603
BM 7352
BM 7284
BM 7329
BM 7370
WT

R 15 W R 14 W R 13 W
T 10 N
T 9 N

108°22' 30" 108°15'
35°07' 30" 35°00'
20' 17' 30"
741 000 m E 742 744 745 746 747 748 749 000 m E
370 000 FEET
3889 000 m N 3878 000 m N
1 460 000 FEET
1 500 000 FEET

INTERIOR-GEOLOGICAL SURVEY, RESTON VIRGINIA-1998

RECEIVED
NOV 3 0 1998
USGS NMD
HISTORICAL MAP ARCHIVES

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Produced by the U.S. Geological Survey
Revised by the U.S. Forest Service

Areas outside the National Forest System lands may not have been revised

Topography compiled 1961. Planimetry derived from imagery taken 1991
Public Land Survey System and survey control current as of 1995. Partial field check by U.S. Forest Service 1995

North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: New Mexico coordinate system, west zone (Transverse Mercator)
Blue 1000-meter Universal Transverse Mercator ticks, zone 12

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

Non-National Forest System lands within the National Forest Inholdings may exist in other National or State reservations

This map is not a legal land line or ownership document. Public lands are subject to change and leasing, and may have access restrictions; check with local offices. Obtain permission before entering private lands

GN MN
1°33' 27 MILS
11½° 204 MILS
UTM GRID AND 1997 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 0 1 2 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FEET TO METERS MULTIPLY BY 0.3048

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

NEW MEXICO
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Ramah
2 Kettner Canyon
3 Post Office Flat
4 Togeye Lake
5 Valle Largo
6 Nicoll Lake
7 Goat Hill
8 Cerro Hueco
ADJOINING 7.5' QUADRANGLES

HIGHWAYS AND ROADS

Interstate	5
U. S.	101
State	79
County	6
National Forest, suitable for passenger cars	105 / 61
National Forest, suitable for high clearance vehicles	105
National Forest Trail	384

Primary highway	
Secondary highway	
Light-duty road	
Paved	
Gravel	
Dirt	
Composition unspecified	
Unimproved; 4 wheel drive	4WD
Trail	
Gate	

EL MORRO, NM
1995
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