

Prepared by the U.S. Geological Survey for Publication by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1996

LEGEND

POPULATED PLACES
 Density built-up areas
 Sparingly to moderately built-up areas

ROADS
 Divided highway
 All weather, hard surface
 Two or more lanes wide
 One lane wide
 All weather, loose or light surface
 Two or more lanes wide
 One lane wide

RAILROADS
 Normal gauge 1.4m (45'-7")
 Narrow gauge 0.91m (2'-11")
 Eschschied

BRIDGES
 Pedestrian
 Standard
 Culvert

MISCELLANEOUS CULTURAL FEATURES
 Church
 Cemetery
 Building, School, Hospital
 Located object: Tank, Well
 Mine: Active, Abandoned
 Area name

OBSTRUCTIONS
 Elevation of obstruction top above sea level
 Elevation of obstruction top above ground level
 High tension power line: communication tower
 Radio tower

BOUNDARIES
 International
 First-order administrative division

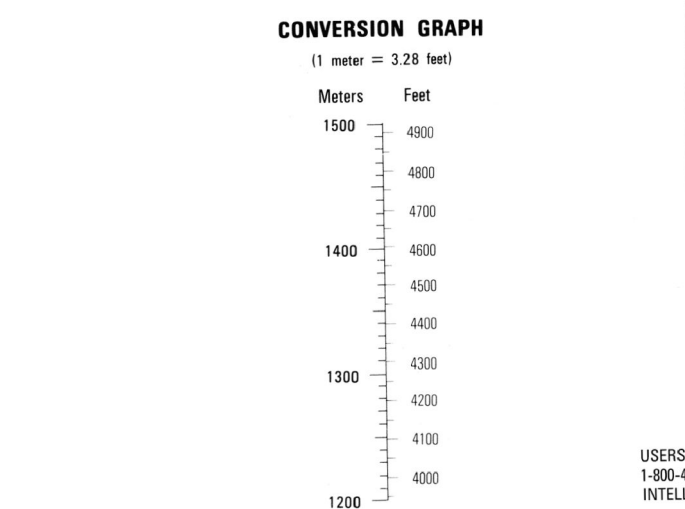
RELIEF
 Bluff, cliff, escarpment
 Depression
 Level
 Spot elevation: Highest, Normal
 *1370 ± *1224

DRAINAGE
 Stream: Less than 25m wide, Over 25m wide
 Lake/pond
 Spring
 Well
 Ditches: Less than 25m wide, Over 25m wide
 Disappearing stream
 Land subject to inundation

VEGETATION
 Woodland
 Scrub: Scattered trees
 Orchard, Vineyard

NOTES

A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 25 METERS (8 FEET) WIDE. ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION. IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED. CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN. NORTH AMERICAN DATUM 1983 (NAD 83) AND WORLD GEODETIC SYSTEM 1984 (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.



ELEVATIONS IN METERS

CONTOUR INTERVAL 5 METERS

ELLIPSOID: WORLD GEODETIC SYSTEM 1984
 GRID: 1,000-METER UTM ZONE 13 (BLACK NUMBERED LINES)
 5,000-METER STATE GRID TICKS, NEW MEXICO (EAST ZONE)
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
 HORIZONTAL DATUM: NORTH AMERICAN DATUM/WORLD GEODETIC SYSTEM 1984
 PREPARED BY: U.S. GEOLOGICAL SURVEY
 PRINTED BY: NIMA 7-99

SAMPLE 100 METER GRID SQUARE

100 METER REFERENCE

- Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12.3
- Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45.6

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
 Example: FT123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
 Example: 13S FT123456

GRID ZONE DESIGNATION: 13S

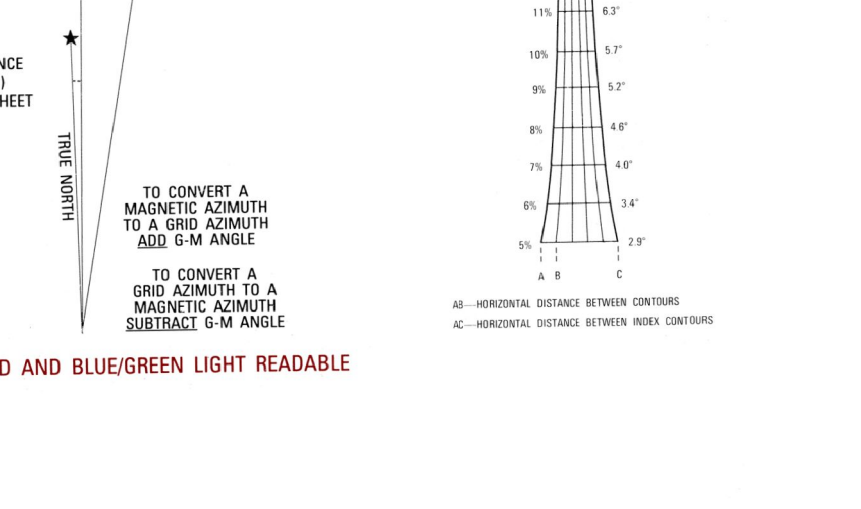
BOUNDARIES

NEW MEXICO
 Roosevelt County



TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
 ADD G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
 SUBTRACT G-M ANGLE



ADJOINING SHEETS

5351 II	5351 III	5351 I
5351 I	5351 IV	5351 II
5351 III	5351 I	5351 III

ELEVATION GUIDE

