



MAP INFORMATION AS OF 1997

LEGEND

POPULATED PLACES
 Densely 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 1.44m (4'8 1/2")
 Narrow gauge 0.91m (3')
 Electrified

BRIDGES
 Pedestrian
 Standard
 Culvert

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

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

BOUNDARIES
 International
 First order administrative division

RELIEF
 Bluff, cliff, escarpment
 Depression
 Level
 Spot elevations: Highest; Normal
 -1424 +1379

DRAINAGE
 Stream: Less than 25m wide
 Over 25m wide
 Lake/pool
 Spring
 Well
 Dike
 Less than 25m wide
 Over 25m wide
 Tank
 Disappearing stream
 Land subject to inundation

VEGETATION
 None
 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.

CONTOUR INTERVAL 10 METERS

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

CONVERSION GRAPH
 (1 meter = 3.28 feet)

Meters	Feet
1300	4265
1400	4593
1500	4921
1600	5249
1700	5577
1800	5905
1900	6233
2000	6561
2100	6889
2200	7217
2300	7545
2400	7873
2500	8201
2600	8529
2700	8857
2800	9185
2900	9513
3000	9841
3100	10169
3200	10497
3300	10825
3400	11153
3500	11481
3600	11809
3700	12137
3800	12465
3900	12793
4000	13121
4100	13449
4200	13777
4300	14105
4400	14433
4500	14761
4600	15089
4700	15417
4800	15745
4900	16073
5000	16401
5100	16729
5200	17057
5300	17385
5400	17713
5500	18041
5600	18369
5700	18697
5800	19025
5900	19353
6000	19681
6100	20009
6200	20337

SAMPLE 1000 METER GRID SQUARE

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12 3

2. 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 IDENTIFICATION IN WHICH THE POINT LIES.

Example: FT123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 13SFT123456

GRID ZONE DESIGNATION
 13S

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0999. COMMERCIAL: 314-283-4844; DSN: 695-4844; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTelligence AGENCY, ATTN: ES, MAIL STOP L-86, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5002.

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BOUNDARIES

ADJOINING SHEETS

5251 III	5252 II	5253 I
5251 IV	5251 I	5251 IV
5251 III	5251 II	5251 III

BOUNDARIES
 NEW MEXICO
 Roosevelt County
 Chaves County

ELEVATION GUIDE

SLOPE GUIDE

PERCENTAGE	DEGREE
1%	5.7°
2%	11.3°
3%	17.0°
4%	22.6°
5%	28.3°
6%	34.0°
7%	39.8°
8%	45.5°
9%	51.3°
10%	57.0°
11%	62.7°
12%	68.4°
13%	74.1°
14%	79.9°
15%	85.6°

CONVERSION

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

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

GRID CONVERGENCE
 0°46' 11" (159 METERS) FOR CENTER OF SHEET

THIS MAP IS RED AND BLUE/GREEN LIGHT READABLE

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