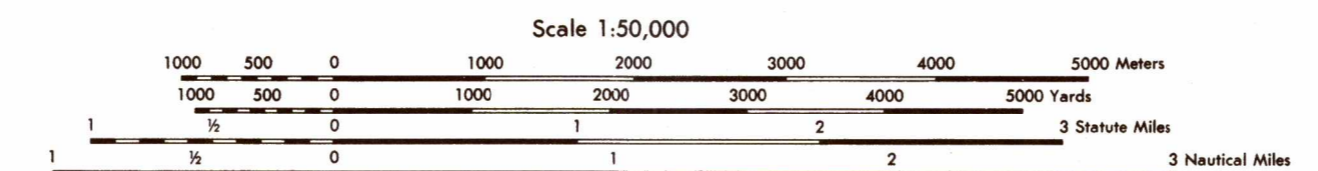


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Topographic Center, Washington, D. C.

MAP INFORMATION AS OF 1974

ON THIS MAP A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH.

ROADS	OTHER FEATURES
Divided highway with median strip	Buildings or structures
Primary all-weather, hard surface	Church, School
Secondary all-weather, hard surface	Tanks, Windmill, windpump, Water mill
Fair or dry-weather, hard or improved surface	Power transmission line
Trail	Benchmarks: Monumental, Non-monumental
Route markers: Interstate, Federal, State	Horizontal control point
SPOT ELEVATIONS IN METERS: Checked (Unchecked), $\frac{1}{165}$ ($\frac{1}{165}$)	Spot elevations in meters: Checked (Unchecked), $\frac{1}{165}$ ($\frac{1}{165}$)
LOADED OBJECTS: Helipad, $\frac{1}{165}$ ($\frac{1}{165}$)	LOADED OBJECTS: Helipad, $\frac{1}{165}$ ($\frac{1}{165}$)
MINES: Horizontal shaft; Vertical shaft (Quarry)	MINES: Horizontal shaft; Vertical shaft (Quarry)
Leaves, Cut, Fill	Leaves, Cut, Fill
Sand, Swamp	Sand, Swamp
Woodland, Scrub	Woodland, Scrub
Scattered trees: Orchard	Scattered trees: Orchard
Dry lake	Dry lake
Intermittent stream	Intermittent stream
Dam: Masonry, Earthfill	Dam: Masonry, Earthfill
Intermittent lake	Intermittent lake
Spring; Well	Spring; Well
Falls: Large; Small	Falls: Large; Small



ELEVATIONS IN METERS
CONTOUR INTERVAL 20 METERS
SUPPLEMENTARY CONTOURS 10 METERS

SPHEROID: CLARKE 1866
GRID: 1000 METER UTM, ZONE 13
PROJECTION: TRANSVERSE MERCATOR
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
CONTROL: USGS, INDONDA AND CE

Reprinted by NGA 01-04

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. 45.5

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREPARE THE 100,000 METER SQUARE IDENTIFICATION, IN WHICH THE POINT LIES.

Example: CF123456

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

Example: 13SCF123456

GRID CONVERGENCE 0°34' (11 MILS) FOR CENTER OF SHEET

1975 G-M ANGLE 12' (210 MILS)

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

ELEVATION GUIDE

1222	1210
1161K	
1211	
12420	

ADJOINING SHEETS

4749 III	4749 II	4849 III
4748 IV	4748 I	4848 IV
4748 III	4748 II	4848 III

BOUNDARIES

OTERO COUNTY

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0898 COMMERCIAL 314-261-4864 OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP L-86, 4600 SANJAMOM ROAD, BETHESDA, MD 20816-5003.

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

THIS MAP IS RED-LIGHT READABLE

