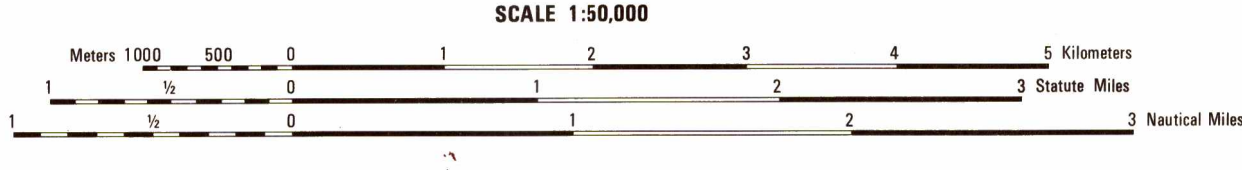
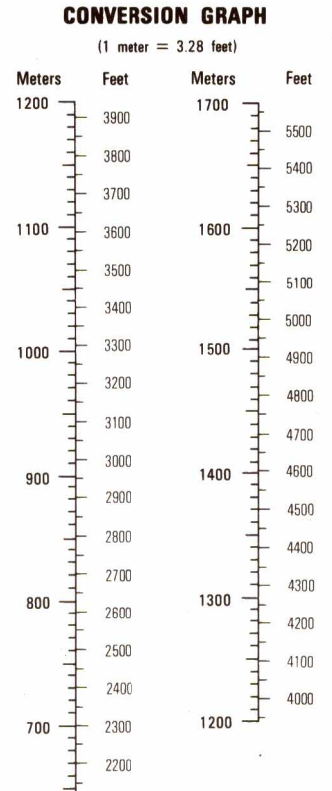


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MAP INFORMATION AS OF 1991.



LEGEND
CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.
A LANE ON THIS MAP IS CONSIDERED TO BE 15 METERS WIDE.
UNDEVELOPED ROADS ONLY THROUGH ROADS ARE CLASSIFIED.
TERRACE MAY BE PRIVATE INLANDS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

- ROADS**
 - Divided highway with median strip
 - Primary all weather, hard surface
 - Secondary all weather, hard surface
 - Light duty, all weather, hard or improved surface
 - Fair or dry weather, unimproved surface
 - Trail
 - Route markers: Interstate, Federal, State
 - Bridge
 - Railroad (Standard gauge 1.44m - 4'9 1/2")
 - Single track
 - Multiple track
 - Nonoperating
 - Railroad station: Location known, Location unknown
 - Car line
 - Railroad bridge
 - Tunnel: Highway, Railroad
 - Bench mark, monument
 - Bench mark, non-monument
 - Spot elevations in meters: Highest, Normal, 1258 - 144
- BOUNDARIES**
 - National, with monument
 - State, territory
 - County, parish
 - Coal township, town
 - Incorporated city, village, town
 - Reservation: National, State, Military
- OBSTRUCTIONS**
 - Elevation of obstruction to above sea level
 - Elevation of obstruction to above ground level
 - Power transmission line
 - Buildings
 - Structure
 - Windmill, Windmill
 - Well, Tank
 - Church, School
 - Power substation
 - Open pit mine or quarry, Mine shaft
 - Horizontal control station
 - Fence
 - Lever, Hike, Glass
 - Bulk, cistern
 - Woodland
 - Scattered trees: Sand
 - Vineyard, Orchard, plantation
 - Intertwined lake, Dam, Earthen, Masonry
 - Stream, Reservoir, Intertwined
 - Marsh, swamp
 - Small falls, Large falls
 - Small rapids, Large rapids



ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS

PROJECTION
TRANSVERSE MERCATOR
GRID: 1,000 METER UTM ZONE 13, GEODETIC REFERENCE SYSTEM
GRID: 1,000 METER UTM ZONE 13, CLARKE 1866 ELLIPSOID
(BLACK NUMBERED LINES)
1,000 METER UTM ZONE 13, CLARKE 1866 ELLIPSOID
(BLUE NUMBERED LINES)
HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983
VERTICAL DATUM: MEAN SEA LEVEL
Reprinted by MMA 10-98

COORDINATE CONVERSION ROAD TO ROAD 37
Grid: Add 48 m. E., Subtract 361 m. N.
Geographic: Subtract 1.0° Long., Subtract 0.8° Lat.

100 METER REFERENCE
1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenth (100 meters) from grid line to point. Example: 1245.6
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenth (100 meters) from grid line to point. Example: 45.6
3. Example: 1245.6 + 45.6 = 1291.2

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION BY WHICH THE POINT LIES. Example: FN123456

WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION. Example: 13FN123456

GRID ZONE DESIGNATION
13R

USERS SHOULD REFER TO THE MMA CUSTOMER HELP DESK (1-800-456-0000) FOR MORE INFORMATION. THIS MAP IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS DESIGNED. 37, NATIONAL IMAGERY AND MAPPING ACT: 4805 SANGAMORE ROAD, BETHESDA, MD 20815-5003

THIS MAP IS RED-LIGHT AND BLUE/GREEN LIGHT READABLE

BOUNDARIES		ADJOINING SHEETS	
TEXAS	5343 IV	5343 I	5443 IV
Brewster County	5343 III	5343 II	5443 III
	5342 IV	5342 I	5442 IV

