



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 built-up areas  
 One lane wide  
 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

**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 (4'8 1/2")  
 Narrow gauge 0.91m (3')  
 Electrified

**BRIDGES**  
 Pedestrian  
 Standard  
 Culvert

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

**OBSTRUCTIONS**  
 Elevation of obstruction top above sea level  
 Elevation of obstruction top above ground level  
 High tension power line: communication tower  
 Single Group  
 Lanes  
 Spot elevations: Highest, Normal  
 -279 +277

**BOUNDARIES**  
 International  
 First order administrative division

**RELIEF**  
 Buft, cliff, escarpment  
 Depression  
 Level: Sand  
 Sand elevations: -279 +277

**DRAINAGE**  
 Stream: Less than 25m wide, Over 25m wide  
 Lake/pool  
 Spring  
 Well  
 Ditches: Less than 25m wide, Over 25m wide  
 Tank  
 Disappearing stream  
 Land subject to inundation  
 Vegetation: Woodland  
 Shrub: Scattered trees  
 Orchard: Viewed

**NOTES**  
 A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.8 METERS (9 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.  
 THE NUMBERS IN BRACKETS FOLLOWING THE POPULATED PLACE NAME INDICATES THAT MORE THAN ONE PLACE IS SO NAMED ON THIS MAP.

**Scale 1:50,000**

Meters 1000 500 0 1 2 3 4 5 Kilometers  
 1 2 3 4 5 6 7 8 9 10 Statute Miles  
 1 2 3 4 5 Nautical Miles

**ELEVATIONS IN METERS**  
**CONTOUR INTERVAL 10 METERS**

ELIPSOID: WORLD GEODETIC SYSTEM 1984  
 GRID: 1,000-METER UTM ZONE 14 (BLACK NUMBERED LINES)  
 5,000-METER STATE GRID TICS, TEXAS (GRAY CENTRAL ZONE)  
 PROJECTION: TRANSVERSE MERCATOR  
 VERTICAL DATUM: NATIONAL GEODETIC DATUM OF 1929  
 HORIZONTAL DATUM: WORLD GEODETIC SYSTEM 1984  
 PREPARED BY: U.S. GEOLOGICAL SURVEY  
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**GRID CONVERGENCE**  
 0°40' (12 MILS)  
 FOR CENTER OF SHEET

**CONVERSION GRAPH**  
 (1 meter = 3.28 feet)  
 Meters 0 100 200 300 400 500 600 700 800 900 1000  
 Feet 0 300 600 900 1200 1500 1800 2100 2400 2700 3000

**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. 45.8  
 Example: 123456

**WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION NUMBER IN WHICH THE POINT LIES.**  
 Example: L5123456

**WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.**  
 Example: 14R5123456

**USGS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-485-0888. COMMERCIAL: 1-800-368-1228. USGS 400 SAN ANGELO ROAD, BETHESDA, MD 20815-0000. P.O. NATIONAL IMAGERY AND MAPPING AGENCY, 400 SAN ANGELO ROAD, BETHESDA, MD 20815-0000. PREPARED BY: U.S. GEOLOGICAL SURVEY. PRINTED BY: USGS 948.**

**BOUNDARIES**

**ADJOINING SHEETS**

**ELEVATION GUIDE**

**SLOPE GUIDE**

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**USGS 28105-E3-TM-050**

NIMA REF. NO. V782X59413 NSN 7643014542478

ED. NO. 003