



Prepared and published by the National Imagery and Mapping Agency

**MAP INFORMATION AS OF 2001**

**LEGEND**

**POPULATED PLACES**  
 Densely built-up areas  
 Sparingly to moderately built-up areas

**ROADS**  
 All weather, hard surface:  
 Dotted highway  
 Two or more lanes wide  
 One lane wide  
 All weather, loose surface:  
 Two or more lanes wide  
 One lane wide  
 Fair or dry weather, loose surface  
 Track, Trail  
 Route markers: Interstate  
 National, Secondary  
 Normal gauge 1.44m  
 ("4' 7")  
 Narrow gauge  
 Electric  
 Boundaries  
 International  
 First-order  
 Second-order  
 MISCELLANEOUS CULTURAL FEATURES  
 Building, Ruin, School  
 Church  
 Cemetery  
 Hospital, Helpout  
 Cavern, Tark, Located object  
 Well, Landmark area  
 Airfield/Runway, Dam  
 Mine: Active, Abandoned  
 Bridge, Pedestrian bridge

**OBSTRUCTIONS (46m or higher)**  
 Elevation of obstruction top above sea level  
 Elevation of obstruction top above ground level  
 High tension powerlines  
 Catenary powerlines

**DRAINAGE**  
 Stream:  
 Less than 20m wide  
 20m wide or more  
 Dish:  
 Less than 20m wide  
 Swamp: Land subject to natural inundation  
 Stream: Disappearing/Disappearing  
 Well  
 Lake/pond  
 Swamp: Land subject to natural inundation  
 Stream: Disappearing/Disappearing

**MISCELLANEOUS RELIEF**  
 Spot elevation: Highest, Normal  
 Depression  
 Escarpment  
 Levee  
 Supplementary contour  
 Sand, Gravel, Disturbed surface  
 VEGETATION  
 Woodland  
 Scrub, Orchard, Scattered trees  
 Cotulla

**NOTES**

A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 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.

**CONVERSION GRAPH**  
 (1 meter = 3.28 feet)

Meters: 0, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000

Feet: 0, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000

**Scale 1:50,000**

0 1 2 3 4 5 Kilometers  
 0 1 2 3 4 5 Statute Miles  
 0 1 2 3 Nautical Miles

**ELEVATIONS IN METERS**

**CONTOUR INTERVAL 10 METERS**

ELLIPSOID: WORLD GEODETIC SYSTEM 1984  
 GRID: 1,000-METER UTM ZONE 14 (BLACK NUMBERED LINES)  
 PROJECTION: 6,000-METER STATE GRID TICS; TEXAS SOUTH CENTRAL ZONE  
 HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983  
 VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 PRINTED BY: NIMA 10-02

**100 METER REFERENCE**

1. Read large numbers labeling the VERTICAL grid line left-point and estimate tenths (100 meters) from grid line to point. Example: 123.5

2. Read large numbers labeling the HORIZONTAL grid line bottom-point and estimate tenths (100 meters) from grid line to point. Example: 45.6

WHEN REPORTING ACROSS A 100.00 METER LINE, PREFIX THE 100.00 METER IDENTIFICATION IN WHICH THE POINT LIES.  
 Example: MS 123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.  
 Example: 14MS 123456

**BOUNDARIES**

TEXAS  
 Dimmit County La Salle County

**ADJOINING SHEETS**

6041 II	6141 III	6141 I
6040 I	6140 IV	6140 I
6040 II	6140 III	6140 II

**SLOPE GUIDE**

PERCENTAGE	DEGREE
14%	8.0°
12%	7.4°
10%	6.8°
8%	6.3°
6%	5.7°
4%	5.1°
2%	4.5°
1%	3.9°
0%	3.3°

**ELEVATION GUIDE**

3150  
3140  
3130  
3120  
3110  
3100  
3090  
3080  
3070  
3060  
3050  
3040  
3030  
3020  
3010  
3000  
2990  
2980  
2970  
2960  
2950  
2940  
2930  
2920  
2910  
2900  
2890  
2880  
2870  
2860  
2850  
2840  
2830  
2820  
2810  
2800

**USGS 28099-C3-TM-050**

NSN 7643014952947  
 NIMA Ref No. V782X61404