LARIAT

TEXAS 1:50,000

EDITION 1–NIMA SERIES V782 SHEET 5452 IV

Prepared by the U.S. Geological Survey for Publication by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1996

LEGEND

POPULATED PLACES
- Densely built-up areas
- Sparsely 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
- Fair or dry weather, loose surface; Track; Trail
- Route markers: Interstate; National; Secondary

RAILROADS (Single Track / Double Track)
- Normal gauge 1.44m (4'8½")
- 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 (Lariat)

OBSTRUCTIONS (Single / Group)
- Elevation of obstruction top above sea level (200)
- Elevation of obstruction top above ground level (100)
- High tension power line; communication tower

BOUNDARIES
- International
- First-order administrative division

RELIEF
- Bluff, cliff, escarpment
- Depression
- Levee; Sand (Levee)
- Spot elevations: Highest; Normal (1276 / 1180)

DRAINAGE (Perennial / Intermittent)
- Streams: Less than 25m wide; Over 25m wide
- Lake/pond
- Spring
- Well
- Ditches: Less than 25m wide; Over 25m wide
- Tank
- Dissipating stream
- Land subject to inundation

VEGETATION
- Woodland
- Scrub; Scattered trees
- Orchard; Vineyard

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.

Scale 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers
1 ½ 0 1 2 3 Statute Miles
1 ½ 0 1 2 3 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

ELLIPSOID.....WORLD GEODETIC SYSYEM 1984
GRID.....1,000-METER UTM ZONE 13 (BLACK NUMBERED LINES)
5,000-METER STATE GRID TICKS, TEXAS (NORTH AND NORTH CENTRAL ZONES)
PROJECTION.....TRANSVERSE MERCATOR
VERTICAL DATUM.....NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM...NORTH AMERICAN DATUM 1983/WORLD GEODETIC SYSTEM 1984
PREPARED BY.....U.S. GEOGLOICAL SURVEY

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CONVERSION GRAPH
(1 meter = 3.28 feet)

Meters	Feet
1400	4500
	4400
	4300
	4200
1300	4100
	4000
	3900
1200	3800
	3700
1100	

SAMPLE 1,000 METER GRID SQUARE: Sample point; 46, 45, 12, 13

100,000 M. SQUARE IDENTIFICATION: FU GU / FT GT

GRID ZONE DESIGNATION: 13S

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 SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: FU123456

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

Example: 13SFU123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0839; COMMERCIAL 314-263-4864; DSN 693-4864 OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN.: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

GRID NORTH / MAGNETIC NORTH / TRUE NORTH

GRID CONVERGENCE 1°12' (21½ MILS) FOR CENTER OF SHEET

1995 G-M ANGLE 8° (140 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

THIS MAP IS RED AND BLUE/GREEN LIGHT READABLE

SLOPE GUIDE

PERCENTAGE	DEGREE
15%	8.5°
14%	8.0°
13%	7.4°
12%	6.9°
11%	6.3°
10%	5.7°
9%	5.2°
8%	4.6°
7%	4.0°
6%	3.4°
5%	2.9°

A B C
AB—HORIZONTAL DISTANCE BETWEEN CONTOURS
AC—HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

BOUNDARIES

TEXAS
Parmer County
Bailey County

ADJOINING SHEETS

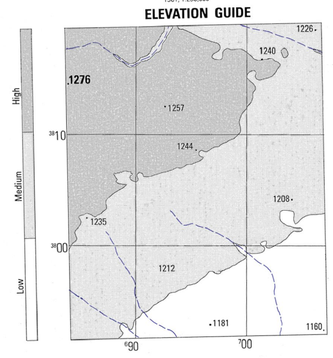
5353 II NEW MEXICO	5453 III	5453 II
5352 V781	5452 IV	5452 I
5352 II	5452 III	5452 II

TEXAS

Sheet 5452 IV falls within NI 13-6 1501, 1:250,000

For index purposes only—not necessarily an indication of published maps.

ELEVATION GUIDE



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