TEXAS 1:50,000

SIERRA BLANCA

EDITION 1–NIMA SERIES V782 SHEET 4946 III

One second of longitude equals 26.46m

MILE HIGH 2.8 km

68 km TO U.S. 62 AND 180

230 000 METERS

105°30′ — 105°15′ — 31°15′ — 31°00′

3 185 000 METERS

3 160 000 METERS

3430000mN

210 000 METERS

One second of latitude equals 30.80m

One second of longitude equals 26.53m

INDIAN HOT SPRINGS 25 km

EL PASO 124 km
19 km TO TEXAS 34

EAGLE PASS 13 km
VAN HORN 43 km

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
- Normal gauge 1.44m (4′8½″): Single Track; Double Track
- Narrow gauge 0.91m (3′)
- Electrified

BRIDGES
- Pedestrian
- Standard
- Culvert

MISCELLANEOUS CULTURAL FEATURES
- Church
- Cemetery
- Building; School; Hospital
- Located object; Tank; Well: Silo; Oil
- Mine: Active; Abandoned
- Area name: Sierra Blanca

OBSTRUCTIONS
- Elevation of obstruction top above sea level: Single 200; Group
- 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: 2090±; 1103

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

THE NUMBER IN BRACKETS, '(1)', 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 ½ 0 1 2 3 Statute Miles

1 ½ 0 1 2 3 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS

CONVERSION GRAPH

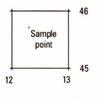
(1 meter = 3.28 feet)

Meters	Feet	Meters	Feet
1600	5200	2100	6800
	5100		6700
	5000		6600
1500	4900	2000	6500
	4800		6400
	4700		6300
1400	4600	1900	6200
	4500		6100
	4400		6000
1300	4300	1800	5900
	4200		5800
	4100		5700
1200	4000	1700	5600
	3900		5500
	3800		5400
	3700		5300
1100		1600	

ELLIPSOID ..... WORLD GEODETIC SYSTEM 1984
GEODETIC REFERENCE SYSTEM 1980
GRID ..... 1,000-METER UTM ZONE 13 (BLACK NUMBERED LINES)
5,000-METER STATE GRID TICKS, TEXAS (CENTRAL ZONE)
PROJECTION ..... TRANSVERSE MERCATOR
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... WORLD GEODETIC SYSTEM 1984
PREPARED BY ..... U.S. GEOLOGICAL SURVEY

Reprint by NIMA 01-00

SAMPLE 1,000 METER GRID SQUARE



100,000 M. SQUARE IDENTIFICATION: DQ

GRID ZONE DESIGNATION: 13R

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: DQ123456

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

Example: 13RDQ123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0899; COMMERCIAL 1-314-260-5032; DSN 490-5032; OR WRITE TO: ATTN: COD, MAIL STOP P-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANGAMORE ROAD, BETHESDA, MD 20818-5003

GRID CONVERGENCE 0°12′ (3⅓ MILS) FOR CENTER OF SHEET

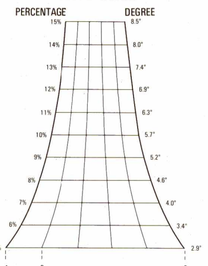
GN — TRUE NORTH — 1995 G-M ANGLE 10° (180 MILS) — MAGNETIC NORTH — GRID NORTH

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

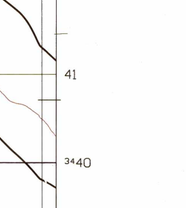


AB—HORIZONTAL DISTANCE BETWEEN CONTOURS
AC—HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

BOUNDARIES

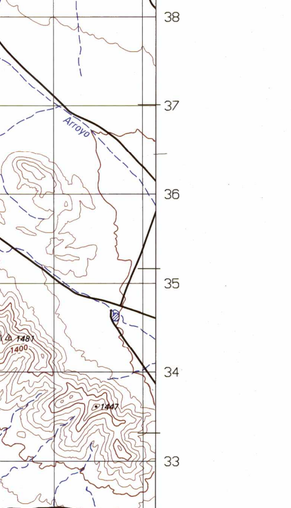
UNITED STATES
TEXAS
Hudspeth County

ADJOINING SHEETS



Sheet 4946 III falls within NH 13-2
1501, 1:250,000

ELEVATION GUIDE



USGS 31105-A3-TM-050

NIMA REF. NO. V782X49463

NSN 7643014478007

ED. NO. 001

LIMITED DISTRIBUTION Distribution authorized to DoD, IAW 10 U.S.C. SECT.130 & 455. Release authorized to U.S. DoD contractors, IAW 48 C.F.R. SECT. 252.245-7000. Refer other requests to Headquarters, NIMA, ATTN: Release Officer, Stop P-25. Destroy as "For Official Use Only". Removal of this caveat is prohibited.

SIERRA BLANCA, TEXAS 4946 III V782 EDITION 1–NIMA