TEXAS 1:50,000

FINLAY MOUNTAINS

EDITION 1–NIMA SERIES V782 SHEET 4846 I

One second of longitude equals 26.39m

105°45′ 29 30 31 32 33 34 35 36 40′ 37 38 39 40 41 42 43 MOSELEY RANCH 2.7 km 44 35′ 45 46 47 48 49 50 51 52 105°30′

205 000 METERS

31°30′ 85 84 83 82 81 3480 79 78 77 76 25′ 75 74 73 72 71 3470 69 68 67 20′ 66 65 64 63 62 61 3460 59 58 31°15′

3 210 000 METERS

185 000 METERS E

3 190 000 METERS

3458 000mN

One second of latitude equals 30.89m

One second of longitude equals 26.46m

11 km TO INTERSTATE 10

FORT HANCOCK 14 km

MC NARY 6.0 km

18 km TO TEXAS 1111

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 (Singe 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 (Silo, Oil)
- Mine: Active; Abandoned
- Area name (Finlay)

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 (1740 / 1500)

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.

CONVERSION GRAPH

(1 meter = 3.28 feet)

Meters 1500 1400 1300 1200 1100 — Feet 4900 4800 4700 4600 4500 4400 4300 4200 4100 4000 3900 3800 3700

Meters 1800 1700 1600 1500 — Feet 5900 5800 5700 5600 5500 5400 5300 5200 5100 5000

Scale 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers

1 ½ 0 1 2 3 Statute Miles

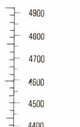
1 ½ 0 1 2 3 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS

ELLIPSOID	WORLD GEODETIC SYSTEM 1984
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
PRINTED BY	NIMA 9-97

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, 1-314-260-1236, DSN 490-1236, OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: CO, 8613 LEE HIGHWAY, FAIRFAX, VA 22031-2137

GRID CONVERGENCE 0°20′ (6 MILS) FOR CENTER OF SHEET

GN TRUE NORTH 1995 G-M ANGLE 10°½″ (190 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

BOUNDARIES

UNITED STATES
TEXAS
Hudspeth County

ADJOINING SHEETS

4847 III	4847 II	4947 IV
4846 IV	UNITED STATES 4846 I	4946 IV
4846 III MEXICO	4846 II	4946 III

Sheet 4846 I falls within NH 13-2 1501, 1:250,000

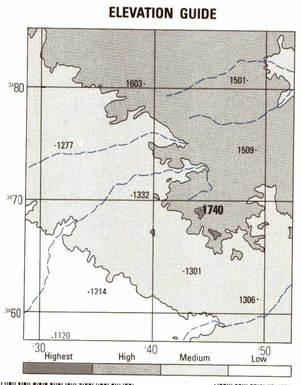
SLOPE GUIDE

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

A B C

AB – HORIZONTAL DISTANCE BETWEEN CONTOURS
AC – HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

ELEVATION GUIDE



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