TEXAS 1:50,000

LONGFELLOW

EDITION 1–NIMA SERIES V782 SHEET 5444 II

One second of longitude equals 26.73m

470 000 METERS (CENTRAL)

260 000 METERS (S. CENTRAL)

13 km TO U.S. 285

102°45′ 17 18 19 20 21 22 23 24 40′ 25 26 27 28 29 30 31 32 35′ 33 34 35 36 37 38 39 40 102°30′

30°15′ 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 5′ 30°00′

3 065 000 METERS (CENTRAL)

4 270 000 METERS (S. CENTRAL)

4 250 000 METERS (S. CENTRAL)

3 040 000 METERS (CENTRAL)

MARATHON 55 km

SANDERSON 11 km

One second of latitude equals 30.79m

One second of latitude equals 30.79m

240 000 METERS (S. CENTRAL)

490 000 METERS (CENTRAL)

BULLIS GAP 24 km

One second of longitude equals 26.80m

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 (10 6 26)

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: Emerson

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: 1330± (Perennial) 1122 (Intermittent)

DRAINAGE
- 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.

CONVERSION GRAPH

(1 meter = 3.28 feet)

Meters	Feet	Meters	Feet
1100	3600	1400	4500
	3500		4400
	3400		4300
1000	3300	1300	4200
	3200		4100
	3100		4000
900	3000	1200	3900
	2900		3800
	2800		3700
	2700	1100	
800	2600		
	2500		
	2400		
700	2300		

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 (SOUTH CENTRAL AND 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. GEOLOGICAL SURVEY
PRINTED BY.....NIMA 6-01

SAMPLE 1,000 METER GRID SQUARE

100,000 M. SQUARE IDENTIFICATION

GP

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

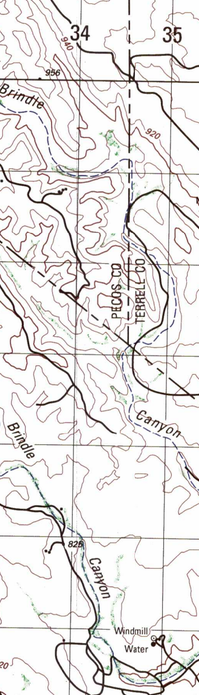
WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: GP123456

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

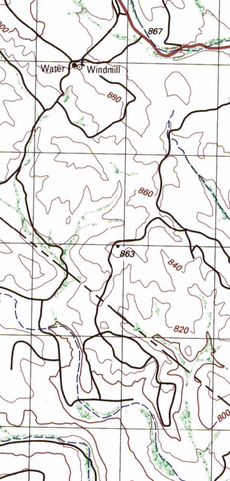
Example: 13RGP123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN.: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.



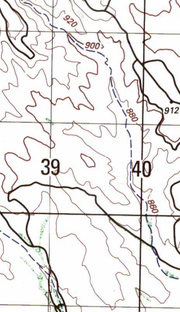
THIS MAP IS RED AND BLUE/GREEN LIGHT READABLE

SLOPE GUIDE



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

BOUNDARIES

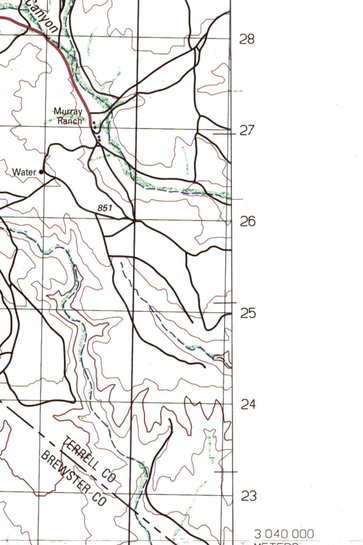


ADJOINING SHEETS

Sheet 5444 II falls within NH 13-8 1501, 1:250,000

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

ELEVATION GUIDE



USGS 30102-A5-TM-050

NIMA REF. NO. V782X54442

NSN 7643014807438

ED. NO. 001

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