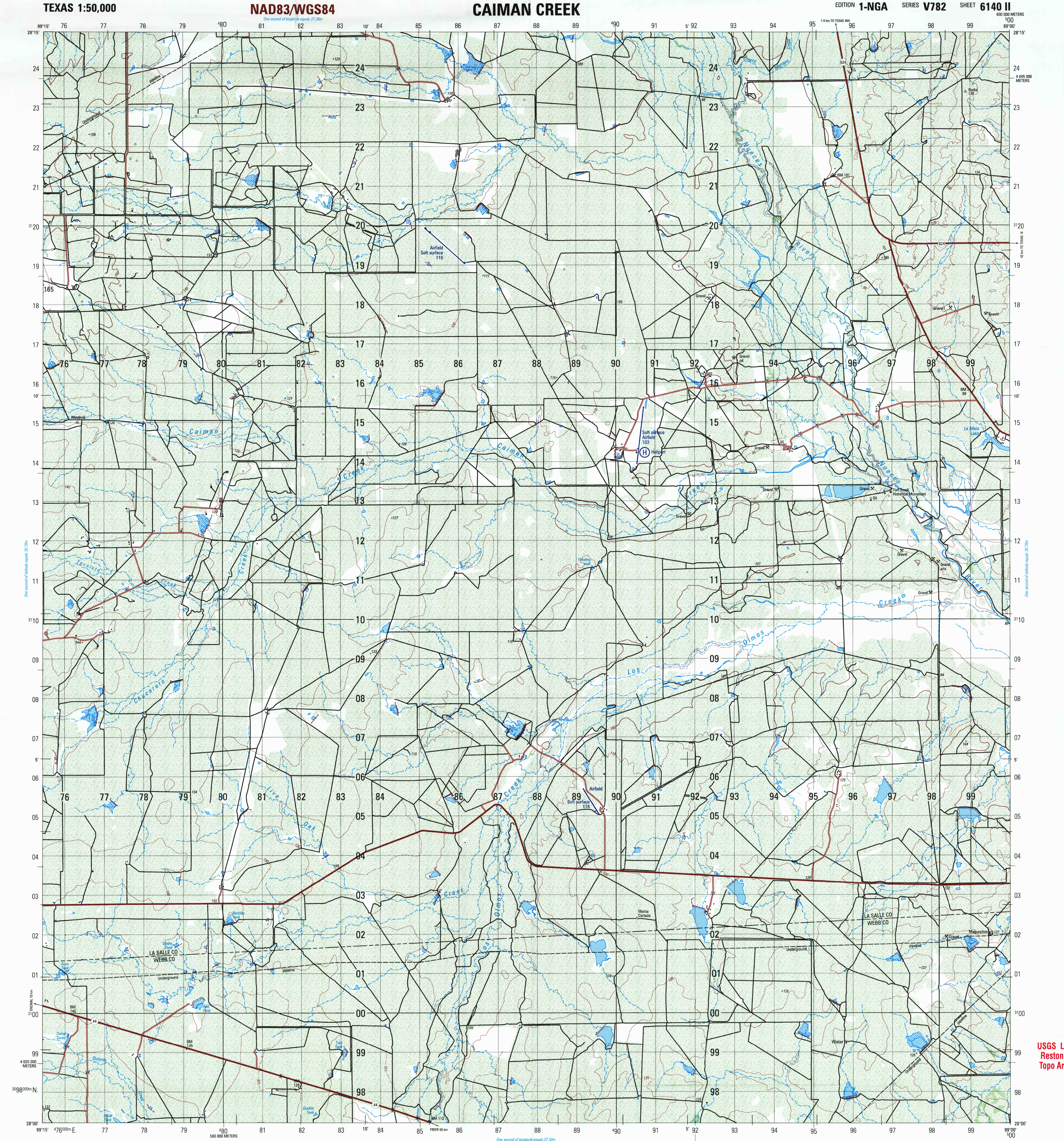




Prepared and published by the National Geospatial-Intelligence Agency

MAP INFORMATION AS OF 2003

LEGEND

POPULATED PLACES

Densely built-up areas
Sparsely to moderately built-up areas

ROADS

All weather, hard surface:
Divided 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
Single Track Multiple Track

RAILROADS

Non-gauge 1.44m (4' 8 1/2")
Narrow gauge
Electrified

BOUNDARIES

International
First-order
Second-order

MISCELLANEOUS CULTURAL FEATURES

Building, Ruin, School
Church
Cemetery
Hospital, Helipoint
Cistern, Tank, Located object
Well, Landmark area
Airfield/Railway, 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 25m wide
25m wide or more

Ditch:
Less than 25m wide

Spring

Well

Lake/pond

Swamp; Land subject to natural inundation

Stream: Disappearing, Disappearing

MISCELLANEOUS RELIEF

Spot elevation: Highest, Normal
Depression
Escarpment
Lava

VEGETATION

Woodland
Scrub, Orchard
Scattered trees

Area name: Caiman

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 MAPING, CHARTING AND NAVIGATION AT THIS SCALE.

CONVERSION GRAPH
(1 meter = 3.28 feet)

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOURS 5 METERS

ELIPSOID: 1,000-METER UTM ZONE 14 (BLACK NUMBERED LINES)
5,000-METER STATE GRID TICS, TEXAS (SOUTH CENTRAL ZONE)
UNIVERSAL TRANSVERSE MERCATOR
PROJECTION: NORTH AMERICAN VERTICAL DATUM OF 1929
HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983 (NAD 83)
PRINTED BY: NGA 11-04

SAMPLE 1,000 METER GRID SQUARE

100,000 M. SQUARE IDENTIFICATION

MS 100

GRID ZONE DESIGNATION 14B

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line point. 12.2

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line 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: 14BMS 123456

GRID CONVERGENCE 0° 11' 00" FOR CENTER OF SHEET

TRUE NORTH

MAGNETIC NORTH

2000 G-M ANGLE 0° 11' (110 METERS)

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

SLOPE GUIDE

PERCENTAGE	DEGREE
14%	8.0°
13%	7.4°
12%	6.8°
11%	6.3°
10%	5.7°
9%	5.1°
8%	4.6°
7%	4.0°
6%	3.4°
5%	2.9°

AB - HORIZONTAL DISTANCE BETWEEN CONTOURS
AC - HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

ELEVATION GUIDE

Sheet 6140 I falls within NGA 14-11, 1501, 1:250,000.

BOUNDARIES

ADJOINING SHEETS

6140 IV	6140 I	6240 IV
6140 III	6140 II	6240 III
6139 IV	6139 I	6239 IV

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NAD83/WGS84

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