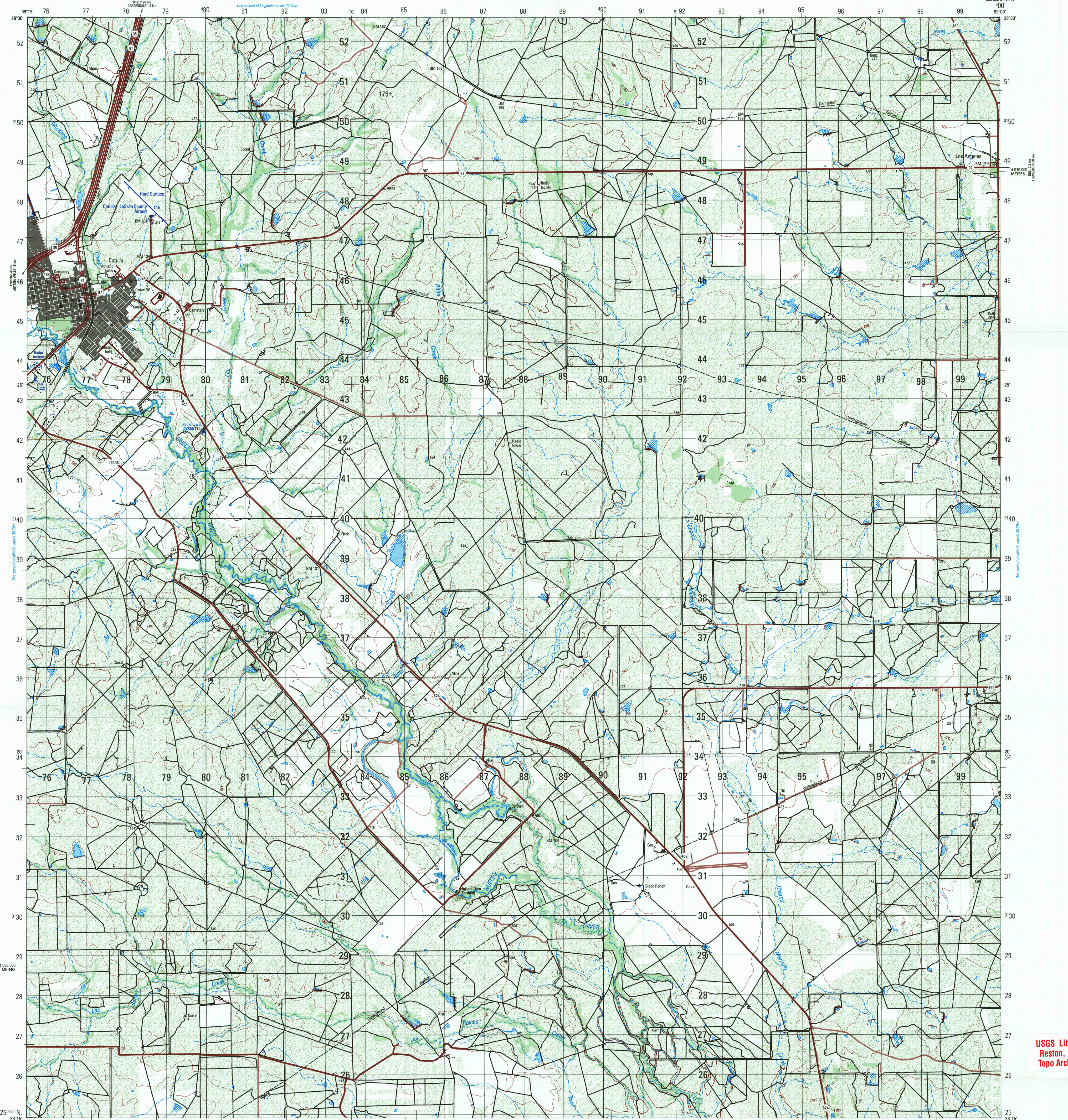




Prepared and published by the National Geospatial-Intelligence Agency

MAP INFORMATION AS OF 2002

POPULATED PLACES

Densely built-up areas

Sparingly 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: International

National/Secondary

RAILROADS

Normal gauge 1.44m

Single Track

Multiple Track

Electrified

BOUNDARIES

International

First-order

Second-order

MISCELLANEOUS CULTURAL FEATURES

Building, Ruin, School

Church

Cemetery

Hospital, Helipad

Cistern; Tank; Located object

Well; Landmark area

Airfield/Runway; 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

Swamp:

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

Supplementary contour

Sand; Gravel

Disturbed surface

VEGETATION

Woodland

Scrub; Orchard

Scattered trees

Area name

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.

CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.

Scale 1:50,000

1 0 1 2 3 4 5 Kilometers

1 0 1 2 3 Statute Miles

1 0 1 2 3 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

SUPPLEMENTARY CONTOURS 5 METERS

ELLIPSOID: WORLD GEODETIC SYSTEM 1984

GRID: 1,000-METER UTM ZONE 14 (BLACK NUMBERED LINES)

PROJECTION: 5,000-METER STATE GRID TICS, TEXAS (SOUTH CENTRAL ZONE)

VERTICAL DATUM: UNIVERSAL TRANSVERSE MERCATOR

HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983/WORLD GEODETIC SYSTEM 1984

PRINTED BY: NGA 11-04

CONVERSION GRAPH

(1 meter = 3.28 feet)

Meters

Feet

300

200

100

0

800

700

600

500

400

300

200

100

0

SAMPLE 1,000 METER GRID SQUARE

MS

GRID ZONE DESIGNATION

14R

100 METER REFERENCE

1. Road large numbers labeling the VERTICAL grid line left of point and estimate vertical (100 meters) from grid line to point. 12 3

2. Road large numbers labeling the HORIZONTAL grid line below point and estimate horizontal (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 BY WHICH THE POINT LIES.

Example: MS 123456

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

Example: 14RMS 123456

GRID CONVERGENCE

0° 11' 10.1"

FOR CENTER OF SHEET

TRUE NORTH

MAGNETIC NORTH

2000 G-M ANGLE

6° 15' 11.0" (120 MILS)

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH

SUBTRACT G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH

ADD G-M ANGLE

SLOPE GUIDE

PERCENTAGE

DEGREE

14%

12%

10%

8%

6%

4%

2%

0%

8.0"

7.4"

6.8"

6.3"

5.7"

5.1"

4.6"

4.0"

3.4"

2.8"

AB - HORIZONTAL DISTANCE BETWEEN CONTOURS

AC - HORIZONTAL DISTANCE BETWEEN CONTOURS

ELEVATION GUIDE

175±

144

133

123

113

103

93

83

73

63

53

43

33

23

13

3

0

BOUNDARIES

TEXAS

Lasalle County

ADJOINING SHEETS

6141 III

6141 II

6241 III

6140 IV

6140 I

6240 IV

6140 III

6140 II

6240 III

Sheet 6140 I has within NM 14-11, 15-11, 15-12, 15-13, 15-14, 15-15, 15-16, 15-17, 15-18, 15-19, 15-20, 15-21, 15-22, 15-23, 15-24, 15-25, 15-26, 15-27, 15-28, 15-29, 15-30, 15-31, 15-32, 15-33, 15-34, 15-35, 15-36, 15-37, 15-38, 15-39, 15-40, 15-41, 15-42, 15-43, 15-44, 15-45, 15-46, 15-47, 15-48, 15-49, 15-50, 15-51, 15-52, 15-53, 15-54, 15-55, 15-56, 15-57, 15-58, 15-59, 15-60, 15-61, 15-62, 15-63, 15-64, 15-65, 15-66, 15-67, 15-68, 15-69, 15-70, 15-71, 15-72, 15-73, 15-74, 15-75, 15-76, 15-77, 15-78, 15-79, 15-80, 15-81, 15-82, 15-83, 15-84, 15-85, 15-86, 15-87, 15-88, 15-89, 15-90, 15-91, 15-92, 15-93, 15-94, 15-95, 15-96, 15-97, 15-98, 15-99, 16-00, 16-01, 16-02, 16-03, 16-04, 16-05, 16-06, 16-07, 16-08, 16-09, 16-10, 16-11, 16-12, 16-13, 16-14, 16-15, 16-16, 16-17, 16-18, 16-19, 16-20, 16-21, 16-22, 16-23, 16-24, 16-25, 16-26, 16-27, 16-28, 16-29, 16-30, 16-31, 16-32, 16-33, 16-34, 16-35, 16-36, 16-37, 16-38, 16-39, 16-40, 16-41, 16-42, 16-43, 16-44, 16-45, 16-46, 16-47, 16-48, 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