SERIES 1501
SHEET SC 34-13
EDITION 1

ELEVATION TINT

METERS
800

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

PLOTTING ACCURACY 90% ASSURANCE	AREA I	AREA II	AREA III
Horizontal	within 125 m	within	within
Contours	25m		

GRAPHIC FEATURE	DATE OF INFORMATION AREA I	AREA II	AREA III
Roads	1974		
All other features	1969		

Horizontal Datum: Arc 1950
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

GLOSSARY

Acampamento . . . . . camp
Distrito . . . . . first-order administrative division
Fazenda . . . . . farm
Lagoa . . . . . lake
Rio . . . . . stream

LOCATION DIAGRAM
UNIT INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)

18°30' 10° 21° 13°

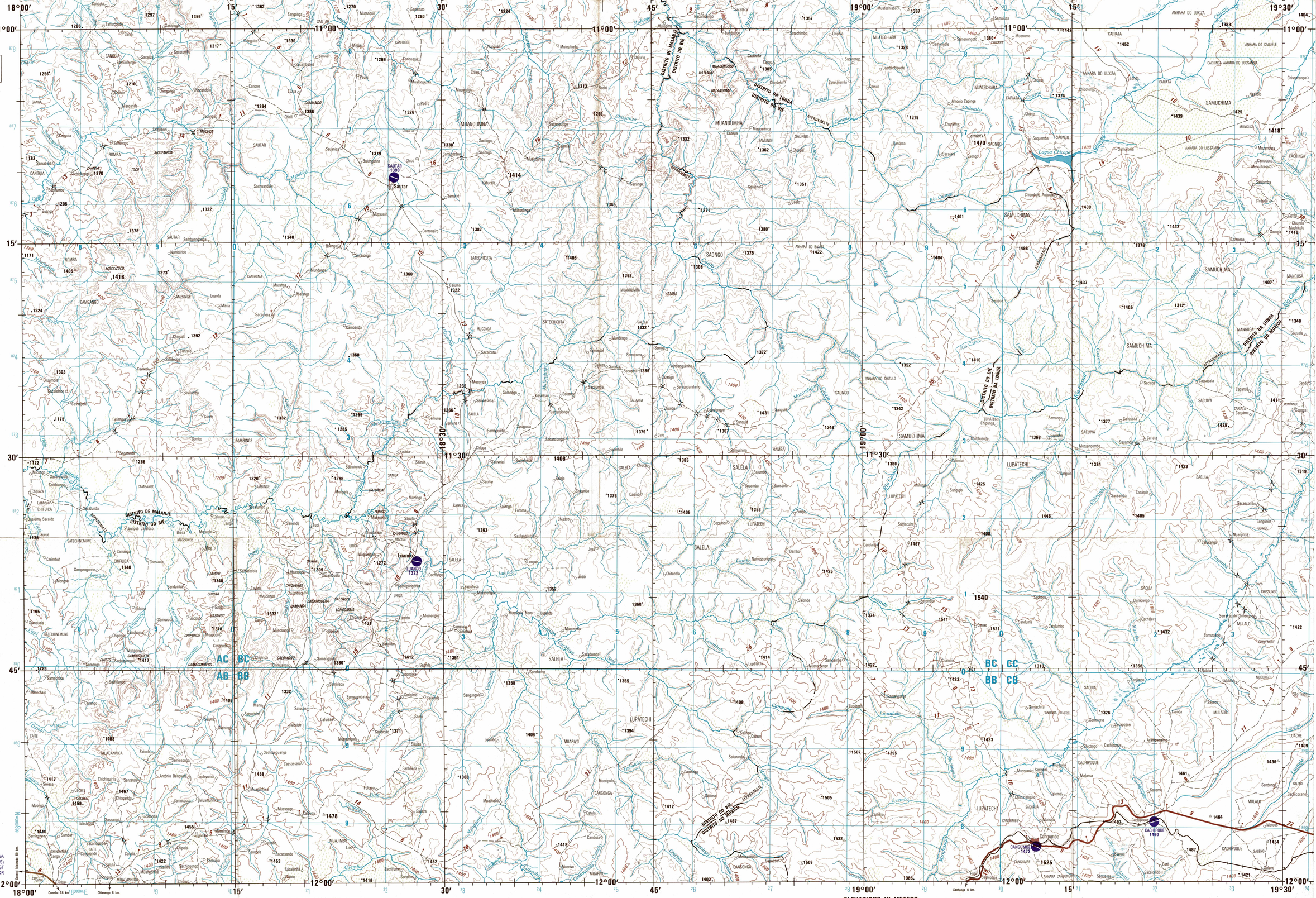
SC 33-12	SC 34-9	SC 34-10
	ANGOLA	
SC 33-16 1057	SC 34-13 1056	SC 34-14
	1151	
SD 33-4 N-3	SD 34-1 N-4	SC 34-2

CONVERSION OF ELEVATIONS

METERS	FEET	METERS	FEET
1000	3281	10000	32808
900	2953	9000	29528
800	2625	8000	26247
700	2297	7000	22966
600	1969	6000	19685
500	1640	5000	16404
400	1312	4000	13123
300	984	3000	9842
200	656	2000	6562
150	492	1500	4921
100	328	1000	3281

GEOREF
BASIC 15° QUADRANGLE

1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 10° (180 MILS) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 9½° (170 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE.



Prepared and published by the Defense Mapping Agency
Hydrographic/Topographic Center, Washington, D.C.
Compiled February 1979.

JOINT OPERATIONS GRAPHIC

SCALE 1:250,000

5 0 5 10 Statute Miles
5 0 10 15 Kilometers
5 0 5 Nautical Miles

CONTOUR INTERVAL 50 METERS

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 34, CLARKE 1880 SPHEROID.

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SCALE 1:250,000
SAUTAR, ANGOLA

SERIES 1501
SHEET SC 34-13
EDITION 1

SAMPLE 10,000 METER GRID SQUARE

100,000m SQUARE INDENTIFICATION
See Body of Map

GRID ZONE DESIGNATION
34L

SAMPLE 1,000 METER REFERENCE

1. Read letters identifying the 100,000 meter square in which the point lies: AB
2. Read large number labeling the VERTICAL grid line left of point: 1
Estimate tenths (1,000 meters) from grid line to point: 2
3. Read large number labeling the HORIZONTAL grid line below point: 3
Estimate tenths (1,000 meters) from grid line to point: 4

Example: AB1234

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

Example: 34LAB1234

ROADS
All weather, hard surface
More than two lanes wide . . . . . 3 LANES
Two lanes wide
All weather, loose or light surface
More than two lanes wide . . . . . 3 LANES
Two lanes wide
All weather, loose or light surface, one lane wide
Fair or dry weather, loose surface
Cart track
Footpath, trail

ROUTE MARKER
National . . . . . EB

RAILROADS
Single track / Multiple tracks
Normal gauge (1.067 meters)
Narrow gauge
Station, position known; position unknown . . . . . Station

BOUNDARIES
International
First-order administrative
Reservation

HORIZONTAL CONTROL POINT
Horizontal control point . . . . . △
Sand
Distorted surface
Escarpment; Levee
Mound; Cliff
Church, mission; School
Hut, kraal; Landmark feature; Mine

VEGETATION
Woods; Scattered trees
Mangrove
Orchards, plantations, vineyards

HYDROGRAPHY
Well; Spring; Dry lake
Wadi; Sebkha, wet depression
Land subject to inundation; Swamp

AERODROMES (Military or Civil)
Field limits with runway pattern . . . . . EDNA 221
EDNA-Name
221-Elevation
Field limits, with runway pattern unknown
Field limits unknown, with runway pattern
Field limits and runway pattern unknown
HELIPORT . . . . . H

VISUAL AIDS AND OBSTRUCTIONS
Obstruction 338 (79)
338 -Elevation of obstruction top, above sea level
(79) -Elevation of obstruction top, above ground level.
Group obstruction
Radio facility obstruction
Power transmission line

TERRAIN ELEVATIONS
Spot elevation: normal; critical 338 1108
HIGHEST KNOWN elevation is 1540 meters at the following coordinates:
Geographic . . . . . 11°40'S, 19°08'E
Grid BC9610

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0889; COMMERCIAL 1-314-260-1236; DSN 490-1236; OR WRITE TO: ATTN: CDD, MAIL STOP P-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANDAMORE ROAD, BETHESDA, MD 20816-5003.

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NOTES
No obstructions 61 meters or more above ground level are known to exist in this area.
On this graphic a lane is generally considered as being 2.5 meters (8 feet) in width.
Figures along roads indicate approximate distances in kilometers.
Names for symbolized populated places are omitted where information is not available.

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