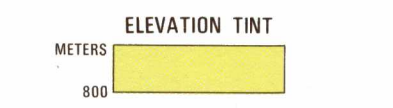


SERIES 1501
SHEET SD 34-4
EDITION 1



RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

PLOTING ACCURACY 80% ASSURANCE	AREA I	AREA II	AREA III
	Horizontal 1:25m Contours 25m	1:25m 15m	1:25m 15m
DATE OF INFORMATION			
GRAPHIC FEATURE	AREA I	AREA II	AREA III
Roads	1974	1974	
All other features	1965-69	1965-69	

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

GLOSSARY

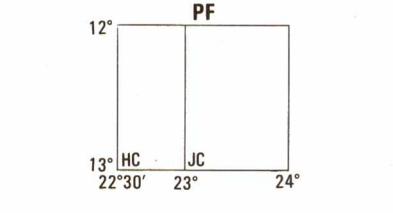
District	first-order administrative division
Lagalet	lakelet, pondlet
Parque Nacional	national park
Rio	stream

LOCATION DIAGRAM
(WAC INDEX SHOWN IN RED/BROWN)

ZAMBIA	SC 34-15	SC 34-16	SC 34-17	SC 34-18	SC 34-19	SC 34-20
ANGOLA	SD 34-3	SD 34-4	SD 34-5	SD 34-6	SD 34-7	SD 34-8
ZAMBIA	SD 34-3	SD 34-4	SD 34-5	SD 34-6	SD 34-7	SD 34-8

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
100	328	1000	3281



1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 8 1/2° (150 MILLS) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 11 1/4° (225 MILLS) WESTERLY FOR THE CENTER OF THE EAST EDGE.

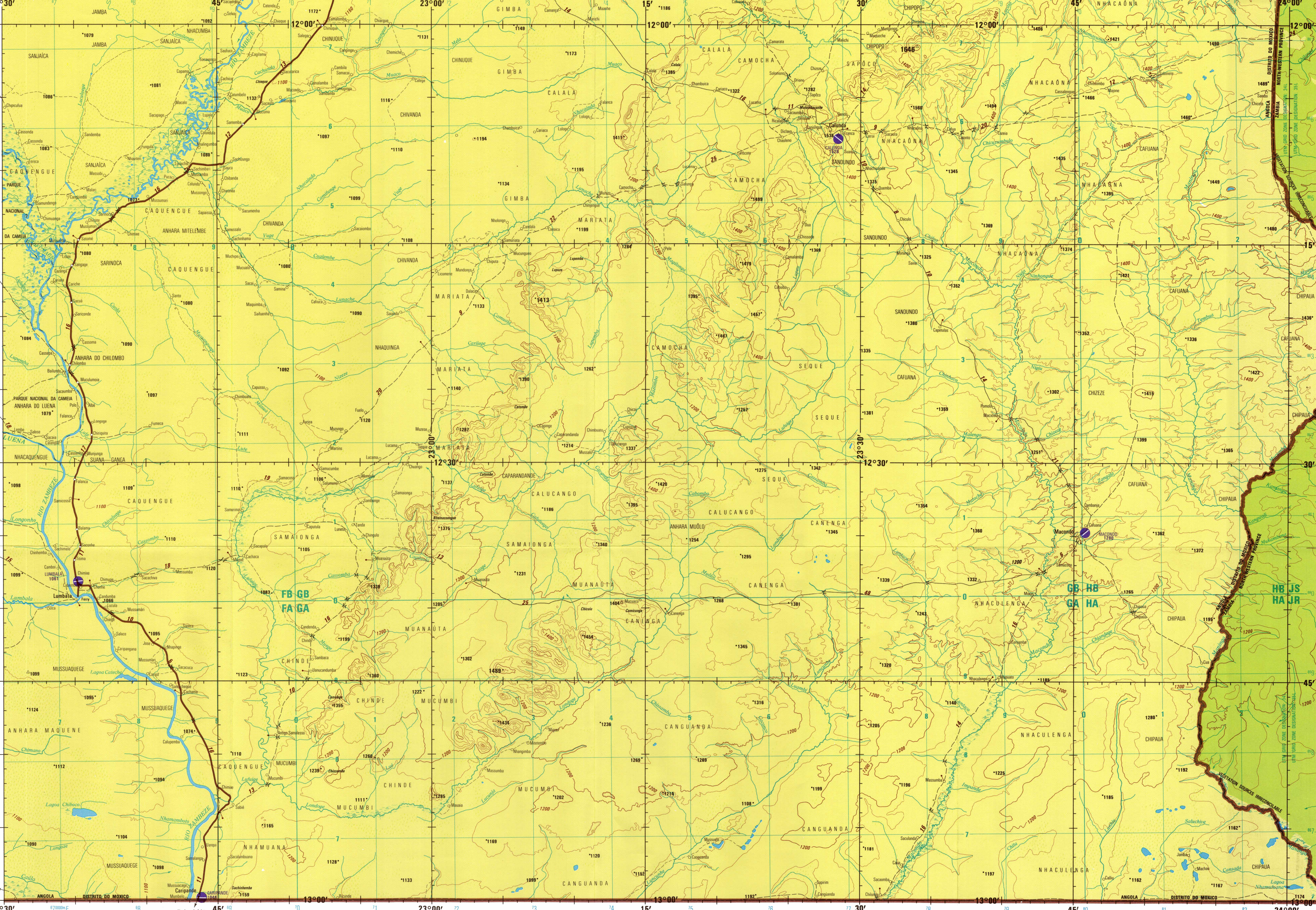


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Compiled February 1979.

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SCALE 1:250,000
LUMBALA, ANGOLA; ZAMBIA

SERIES 1501
SHEET SD 34-4
EDITION 1



ELEVATIONS IN METERS SCALE 1:250,000 ELEVATIONS IN METERS

JOINT OPERATIONS GRAPHIC

SCALE 1:250,000

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

CONTOUR INTERVAL 50 METERS

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

ROADS

- All weather, hard surface: More than two lanes wide (3 LANES), Two lanes wide (2 LANES)
- All weather, loose or light surface: More than two lanes wide (3 LANES), Two lanes wide (2 LANES)
- All weather, loose or light surface, one lane wide: Fair or dry weather, loose surface
- Footpath

ROUTE MARKER

- National (EB)

RAILROADS

- Normal gauge (1,067 meters)
- Narrow gauge
- Station, position known; position unknown

BOUNDARIES

- International
- First-order administrative
- Reservation

HORIZONTAL CONTROL

- Horizontal control point
- Sand
- Distorted surface
- Escarpment; Levee
- Mound; Cliff
- Church, mission, school
- Hot, lava; Landmark feature; Mine

VEGETATION

- Woods: Scattered trees
- Mangrove
- Orchards, plantations, vineyards
- Hydrography
- Wet: Spring, dry lake
- Wadi; Sebika, wet depression
- Land subject to inundation; Swamp

AERODROMES (Military or Civil)

- Field limits with runway pattern: EDNA-Name, 221-Elevation
- Field limits, with runway pattern unknown
- Field limits unknown, with runway patterns
- Field limits and runway pattern unknown
- HELIPORT

VISUAL AIDS AND OBSTRUCTIONS

- Obstruction: 238-Elevation of obstruction top, above sea level; (79)-Elevation of obstruction top, above ground level
- Group obstruction
- Radio facility obstruction

HELPOUT

- Power transmission line

TERRAIN ELEVATIONS

- Spot elevation: Normal, Critical
- Highest known elevation is 1646 meters at the following coordinates: Geographic 12°02'S, 23°34'E; Grid 8B7969

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.
- THE REPRESENTATION OF INTERNATIONAL BOUNDARIES ON THIS GRAPHIC IS NOT NECESSARILY AUTHENTICATIVE.
- Names for symbolized populated places are omitted where information is not available.

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