

SERIES 1501
SHEET SE 34-5
EDITION 1

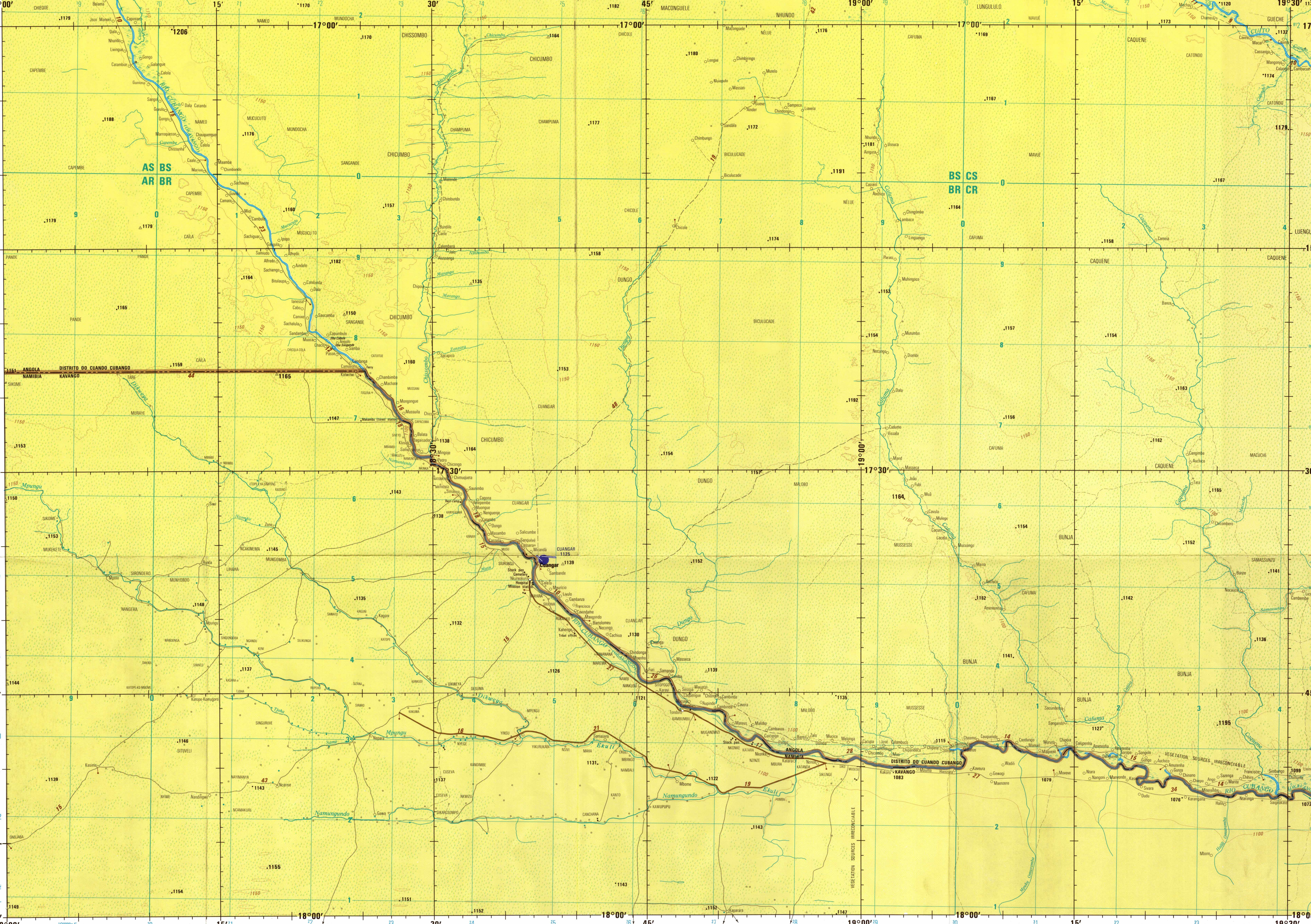
- POPULATED PLACES**
- First importance LUANDA
 - Second importance HUAMBO
 - Third importance Luimbale
 - Fourth importance Calima
 - Fifth importance Catanda
- ROADS**
- All weather, hard surface: 3 LANE
 - More than two lanes wide: 3 LANE
 - All weather, loose or light surface: 3 LANE
 - More than two lanes wide: 3 LANE
 - Two lanes wide: 3 LANE
 - All weather, loose or light surface: one lane wide
 - Fair or dry weather, loose surface: one lane wide
 - Cart track
 - Footpath, trail
- ROUTE MARKER**
- National: ER
- RAILROADS**
- Normal gauge (1.067 meters): Single track, Multiple tracks
 - Narrow gauge: Station, position known; position unknown
- BOUNDARIES**
- International: Dotted line
 - First-order administrative (District): Dashed line
 - Reservation: Dotted line
- HORIZONTAL CONTROL**
- Horizontal control point: Sand, Distorted surface, Escarpment, Levee, Mine, Cliff, Church, mission, School, Hut, trail, Landmark feature, Mine
- VEGETATION**
- Woods: Scattered trees, Mangrove, Orchards, plantations, vineyards
- HYDROGRAPHY**
- Well, Spring, Dry lake, Wadi, Sabkha, wet depression, Land subject to inundation: Swamp
- TERRAIN ELEVATIONS**
- Spot elevation: Normal, Critical: 338, 1108
 - Highest Known elevation is 1206 meters at the following coordinates: 17°00' S, 18°12' E, 85D218
- AERODROMES (Military or Civil)**
- EDNA: 221
 - Field limits with runway pattern: EDNA-Name, 221-Elevation
 - Field limits, with runway pattern unknown
 - Field limits unknown, with runway pattern
 - Field limits and runway pattern unknown
- HELIPORT**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction: 338-Elevation of obstruction top, above sea level; (79)-Elevation of obstruction top, above ground level
 - Group obstruction, Radio facility obstruction, Power transmission line

1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 13 1/2° (240 MILS) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 13° (230 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE.

LOCATION DIAGRAM
TRAC INDEX SHOWN IN RED/BROWN

SD 33-15	SD 33-16	SD 33-17	SD 34-14	SD 34-15
SE 33-3	SE 33-4	SE 34-1	SE 34-2	SE 34-3
SE 33-7	SE 33-8	SE 34-5	SE 34-6	SE 34-7
SE 33-11	SE 33-12	SE 34-9	SE 34-10	SE 34-11
SE 33-15	SE 33-16	SE 34-13	SE 34-14	SE 34-15

SCALE 1:250,000
CUANGAR, ANGOLA; NAMIBIA
SERIES 1501
SHEET SE 34-5
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CONVERSION OF ELEVATIONS

METERS	FEET	METERS	FEET
1000	3281	10000	32808
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

ELEVATIONS IN METERS

SCALE 1:250,000

CONTOUR INTERVAL 50 METERS

Blue numbered lines indicate the 10,000 meter Universal Transverse Mercator Grid, Zone 34, Clarke 1880 Spheroid.

GLOSSARY

- District: Dotted line
- Island: Dotted line
- Missile: Dotted line
- Road: Dotted line
- Stream: Dotted line

RELIABILITY OF THIS GRAPHIC
(As determined by standard practices)

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 AUTHORITATIVE.
- The reliability of vegetation information is undetermined.

PLOTTING ACCURACY 90% ASSURANCE

Horizontal Contours	AREA I			AREA II			AREA III		
	width	width	width	width	width	width	width	width	width
10m	25m	125m	125m	25m	125m	125m	25m	125m	125m

DATE OF INFORMATION

GRAPHIC FEATURE	AREA I	AREA II	AREA III
Roads	1977	1974	1973
All other features	1974	1967	1967

ELEVATION TINT

Vertical Datum: Mean Sea Level
Transverse Mercator Projection

JOINT OPERATIONS GRAPHIC

SCALE 1:250,000

0 5 10 15 20 Statute Miles
0 5 10 15 20 25 30 Nautical Miles

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All other features	1974	1967	1967

ELEVATION TINT

Vertical Datum: Mean Sea Level
Transverse Mercator Projection

GEOD. BASIC 15° QUADRANGLE PE

Vertical Datum: Mean Sea Level
Transverse Mercator Projection

Reprint by NMA, 03-99

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