

LEGEND

POPULATED PLACES

TULÉAR
Over 20,000
5,000 to 20,000
2,000 to 5,000
500 to 2,000
Less than 500

MANAKARA
Ejeda
Militsia

ROADS

All weather, hard surface
Two or more lanes
One lane
All weather, loose surface
Two or more lanes
One lane
Fair or dry weather, loose surface
Cart track
Trail (Footpath)

ROUTE MARKER

National

RAILROADS

Normal gauge 1.07 m. (3'6")
Narrow gauge
Station

BOUNDARIES

International
Primary administrative
Reservation

HORIZONTAL CONTROL POINTS

Astronomic position
Trigonometric position
Spot elevation, Normal: Critical

VEGETATION

Woods-brushwood
Scattered trees
Orchard, plantation, vineyard
Dunes, Crescent, Lateral
Sand
Distorted surface
Escarpment, levee
Isolated rock, Mound, Cliff
Church, School
Kraal, Landmark feature or object, Mine
Well, Spring, Salt evaporator
Wadi, Sebiks
Land subject to inundation
Swamp, marsh, Rice
Depth curve in meters
Wreck, Exposed, Sunken
Rocks, Awash, Sunken
Foreshore flat, Mangrove
Limit of danger, Reef
Area name

TERRAIN ELEVATION

HIGHEST KNOWN elevation is 4154 feet at 24°58'S, 46°42'E.

AERODROMES (Military or Civil)

EDNA/50/1
Field limits with runway pattern
EDNA—Name
50—length of longest runway to nearest hundreds of feet
1—Soft or unimproved surface
725—Elevation
Field limits, with runway pattern unknown
Field limits unknown, with runway pattern
Field limits with runway pattern unknown

SEAPLANE BASE

SEAPLANE (EMERGENCY)

HELIPORT

RADIO FACILITIES

RADIO RANGE L/F/M
R Bn-D-F-RNG
PARIS

MAGNETIC VARIATION

ISOGONIC LINE
7° E

VISUAL AIDS AND OBSTRUCTIONS

Obstruction
1108—Elevation of obstruction top, above sea level
(259)—Elevation of obstruction top, above ground level
Group obstruction
Radio facility obstruction
Power transmission line
Ocean station vessel (Normal position)
Visual ground sign
Aero light, Marine light

CAUTION
AIR INFORMATION CURRENT THROUGH 22 SEPTEMBER 1967
Consult Notices to Airmen (NOTAMs) and Flight Information Publications (FIPs) for the latest air information; the Chart Updating Manual (CHUM) for other chart revision information.

HIGHEST TERRAIN elevations for each 15 MINUTE QUADRANGLE are represented in THOUSANDS and HUNDREDS of feet. They are omitted where relief information is inadequate. A minus sign (-) following the figure indicates that the figure is based on an estimated elevation.

EXAMPLES:
51 81-

NOTES

No obstructions 200 feet or more above ground level are known to exist within this area.

Lines of equal magnetic variation for 1965
(Annual rate of change = 6' increase)

Names for symbolized populated places are omitted where information is not available or where density of detail does not permit their inclusion.

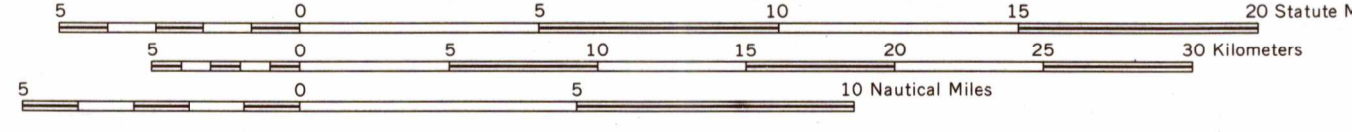


Prepared under the direction of the Defense Intelligence Agency and published by Army Map Service, Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1966 from best available source materials.

ELEVATIONS IN FEET DEPTHS IN METERS

JOINT OPERATIONS GRAPHIC (AIR)

ELEVATIONS IN FEET DEPTHS IN METERS



CONTOUR INTERVAL APPROXIMATELY 330 FEET WITH SUPPLEMENTARY CONTOURS AT 165 FOOT INTERVALS

LABORDE PROJECTION
(Origin: 18°54'S, 46°26'13.95"E of Greenwich)

BLACK NUMBERED LINES INDICATE THE 10,000 METER, MADAGASCAR GRID, HAYFORD 1909, INTERNATIONAL SPHEROID

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0999. COMMERCIAL: 214-291-5032; 298 400-5032. OR WRITE TO: DIRECTOR, NATIONAL MAPS AND MAPPING AGENCY, ATTN: CDD, MAIL STOP 37, 4803 SANGHAR ROAD, BETHESDA, MD 20815-5003.



TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

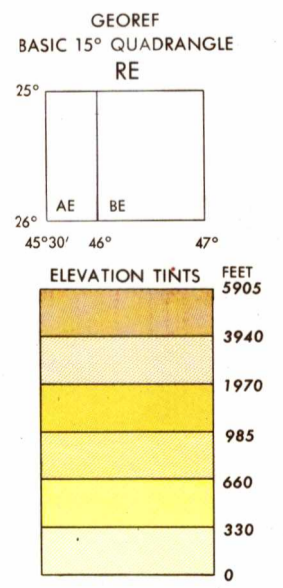
IGNORE THE SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY THE LARGER figures of the grid number; example: 020000

SAMPLE POINT: Bevoato

1. Locate first VERTICAL grid line to LEFT of point and read LARGE figure showing the line either to the top or bottom margin, or on the line itself. Estimate tenths from grid line to point.	35	9	4
2. Locate first HORIZONTAL grid line BELOW point and read LARGE figure showing the line either to the left or right margin, or on the line itself. Estimate tenths from grid line to point.	02	11	
SAMPLE REFERENCE:	359114		

GLOSSARY

Cap.....cape
Est.....east
Fleuve.....river, stream
Lac.....lake
Nord.....north
Ouest.....west
Phare.....lighthouse
Rivière.....river, stream
Ruisseau.....river, stream
Sud.....south
Tombeau.....tomb



RELIABILITY OF THIS MAP
As determined by standard practices

Accuracy, as related to control of map:
Horizontal positions within 410 ft.
Vertical positions within 166 ft.

Date of map information:
Road construction 1964
Coastal hydrography 1955-58
Vegetation 1954-57
All other features 1954-65

Road construction not verified by reconnaissance
Horizontal Datum: Unknown
Vertical Datum: Mean Sea Level

