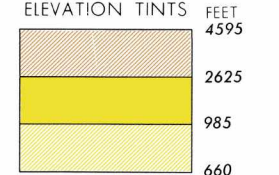


SERIES 1501 AIR SHEET NC 29-14 EDITION 3
SERIES 1501 COMPANION SHEET IS EDITION 2



RELIABILITY OF THIS GRAPHIC (as determined by standard practices)

PLOTTING ACCURACY

AREA I	AREA II	AREA III
Horizontal: 410 ft (125 m)	410 ft (125 m)	410 ft (125 m)
Vertical: 262 ft (80 m)	262 ft (80 m)	262 ft (80 m)

GRAPHIC FEATURES

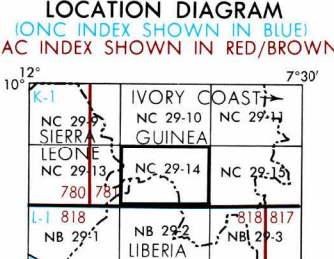
DATE OF INFORMATION	AREA I	AREA II	AREA III
Man-made features	1957-58	1953-54	1966-69
Hydrography	1957-58	1953	1966-69
Vegetation	1957-58	1953	1966-69
Contours	1968	1953	1966-69

Road information in Guinea and Sierra Leone not verified by reconnaissance. Graphic not field checked.

Horizontal Datum: World Geodetic System 1984
Vertical Datum: Mean Sea Level of 1967
Transverse Mercator Projection

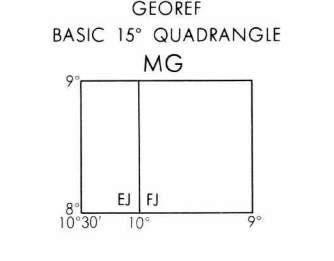
GLOSSARY

Flow	stream
Région	primary administrative division
Rivière	river, stream



CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2134
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	609
100	31	1000	305

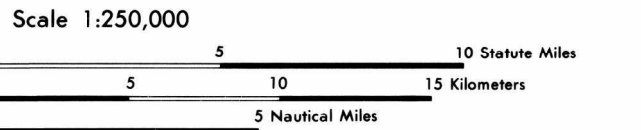


CAUTION
AIR INFORMATION CURRENT THROUGH 4 FEBRUARY 1974.
Consult NOTAMS and Flight Information Publications for the latest air information; the 5000 Aeronautical Chart (edition 1968) or AICD (20 41) Aeronautical Chart Amendment document, for other chart revision information.

LINE OF EQUAL MAGNETIC VARIATION FOR 2000
(Annual rate of change 8' decrease)

Prepared and published by the Defense Mapping Agency
Topographic Center, Washington, D. C. Compiled in August 1973.

JOINT OPERATIONS GRAPHIC (AIR)



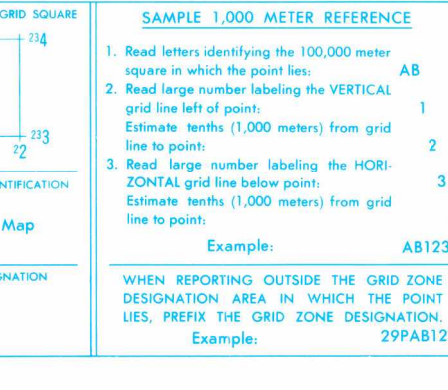
CONTOUR INTERVAL APPROXIMATELY 165 FEET WITH SUPPLEMENTARY CONTOURS AT 85 FOOT INTERVALS; RELIEF PARTIALLY SHOWN BY FORM LINES.

BLUE NUMBERED LINES INDICATE THE 1000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 29, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.

COORDINATE CONVERSION WGS 84 TO LIBERIA 1964
Grid: Subtract 26m E, Subtract 85m N
Geographic: Add 0.8' Long, Add 0.1' Lat.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-8899; COMMERCIAL 314-263-4884; DDA 463-4864; OR WRITE TO: DIRECTOR, NATIONAL MAPS AND MARKING AGENCY, ATTN: FS, MAIL STOP 66, 4803 SANGAMER ROAD, BETHESDA, MD 20815-5002.

© COPYRIGHT 2003 BY THE UNITED STATES GOVERNMENT
NO COPYRIGHT CLAIMED UNDER TITLE 17 U.S.C.



POPULATED PLACES

Developed areas: Large, Small	MONROVIA
First importance (Capital)	VOINJAMA
Second importance: cities of 2000 or more people	SAKONEMA
Third importance: 50 or more buildings	Kuendema
Fourth importance: 11-49 buildings	VOINJAMA
Fifth importance: 10 buildings or less	SADNAH
County seat	

ROADS

All weather, hard surface	4 LINES
Two or more lanes wide	4 LINES
All weather, loose or light surface	2 LINES
Two or more lanes wide	2 LINES
One lane wide	2 LINES
Fair or dry weather, loose surface	2 LINES
Cart track	2 LINES
Footpath	2 LINES

RAILROADS

Normal gauge	Single track Double track
Narrow gauge	Single track Double track

BOUNDARIES

International	Primary administrative: County, Province
Other features	Forest reservation
Bridge, Railroad, Road	Spot elevation, normal, critical
Horizontal control point	Mine
Dam	Unsurveyed single line stream
Mangrove, Orchard, plantation	Tropical grass, Swamp
Land subject to inundation: Rice	

OTHER FEATURES

Single track Double track	417 921
Spot elevation, normal, critical	417 921
Mine	417 921
Unsurveyed single line stream	417 921
Tropical grass, Swamp	417 921
Land subject to inundation: Rice	417 921

AERODROMES (Military or Civil)

Field limits with runway pattern	EDNA/50%
Field limits unknown, with runway pattern	EDNA/50%
Field limits and runway pattern unknown	EDNA/50%
SEAPLANE BASE	EDNA/50%
SEAPLANE (EMERGENCY)	EDNA/50%
HELIPORT	EDNA/50%

CONTROLLED AIRSPACE

ADIZ	ATLANTIC ADIZ
------	---------------

VISUAL AIDS AND OBSTRUCTIONS

Obstruction	7108
1108-Elevation of obstruction top, above sea level	7108
259-Elevation of obstruction top, above ground level	7108
Field limits, with runway pattern unknown	7108
Group obstruction	7108
Power transmission line	7108
Aero light, Marine light	7108
RADIO FACILITIES	7108
RADIO RANGE LF/MF	7108
MULTIPLE RADIO FACILITIES	7108
TERRAIN ELEVATIONS	7108

MAXIMUM TERRAIN ELEVATIONS

Maximum Terrain elevation figures, centered in the area bounded by ticked lines of LATITUDE and LONGITUDE, are represented in THOUSANDS and HUNDREDS of feet. BUT DO NOT INCLUDE ELEVATIONS OF VERTICAL OBSTRUCTION.

EXAMPLE: 51

NOTES

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

On this graphic a line is generally considered as being 8 to 16 feet (2.44 to 4.88 meters) in width.

Normal gauge railroads are 1.44 meters (48 1/2") in Liberia and 76 meters (250") in Sierra Leone.

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

THIS GRAPHIC IS NOT AN AUTHORITY ON INTERNATIONAL BOUNDARIES.

Highest known elevation is 4551 feet at 8°11'N, 9°25'W.
= following elevation value indicates accuracy is not within 100 feet.

Lithographed by DMAAC 3-94
Printed by NIMA 18-83

NSN 7641014101101
NIMA Ref No 1501ANC2914
ED. NO 003