SERIES 1501 AIR
SHEET NE 31-3
EDITION 1
SERIES 1501 COMPANION SHEET IS EDITION 1

ELEVATION TINTS FEET
985
660

RELIABILITY OF THIS GRAPHIC

Compiled from best available source materials

Horizontal Datum: Adindan
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

GLOSSARY

Oued ... wadi, watercourse, stream
Anou ..... well

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

NF 31-14	NF 31-15 ALGERIA	NF 31-16
NE 31-2 MALI	NE 31-3	NE 31-4 NIGER
NE 31-6	NE 31-7	NE 31-8

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	610
150	46	1500	457
100	31	1000	305

GEOREF
BASIC 15° QUADRANGLE
NH

CAUTION
AIR INFORMATION CURRENT THROUGH
20 FEBRUARY 1974
Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD (U. K.) Aeronautical Chart Amendment Document, for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1970
(Annual rate of change, 5' decrease)

AERONAUTICAL APPROACH CHARTS (Code: ACI and/or AERONAUTICAL CHARTS (Code: AGC) completely within this area are discontinued. Those that are partially within this area should be retained until publication of the adjacent Joint Operations Graphic 1501 AIR. Consult the DOD Bulletin or the MOD (UK) Aeronautical Chart Catalogue Amendment Bulletin for publications and discontinuance notices.

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SCALE 1:250,000
TI-N-SRIR,
ALGERIA, MALI, NIGER

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SAMPLE 10,000 METER GRID SQUARE

100,000 M. SQUARE IDENTIFICATION

See Body of Map

GRID ZONE DESIGNATION

31Q

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: 31QAB1234

ELEVATIONS IN FEET

POPULATED PLACES
Over 100,000 ALGER
50,000 to 100,000 SAFI
10,000 to 50,000 SETTAT
2,000 to 10,000 Tiflet
Less than 2,000 Oulmes

ROADS
All weather, hard surface
Two or more lanes wide 3 LANES
All weather, loose or light surface
Two or more lanes wide 3 LANES
All weather, hard surface
One lane wide
All weather, loose or light surface
One lane wide
Fair or dry weather, loose surface, dirt road
Track; trail

ROUTE MARKERS
International; National; Secondary E8 12 104

RAILROADS
Normal gauge 1.0m (3'3 3/8") Single track Multiple track
Narrow gauge
Station, position unknown

BOUNDARIES
International
First-order administrative division
Reservation

HORIZONTAL CONTROL POINTS
Astronomic position
Trigonometric position

OTHER FEATURES
Dunes: Crescent; Lateral; Ripple
Sand
Distorted surface
Escarpment; Levee
Isolated rock; Mound; Cliff
Christian church; School
Landmark feature or object; Mine

HYDROGRAPHY
Well; Perennial; Intermittent
Wadi; Sabkha, wet depression
Swamp, marsh; Rice paddy

JOINT OPERATIONS GRAPHIC (AIR)

Scale 1:250,000

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

CONTOUR INTERVAL APPROXIMATELY 165 FEET WITH SUPPLEMENTARY CONTOURS AT 85 FOOT INTERVALS

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 31, CLARKE 1880 SPHEROID

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(UK USERS) DIRECTORATE OF MILITARY SURVEY, MINISTRY OF DEFENCE, LONDON.

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ELEVATIONS IN FEET

AERODROMES (Military or Civil)
Field limits with runway pattern EDNA/50/s 725
EDNA-Name
50-Length of longest runway to nearest hundreds of feet
s-Soft or unimproved surface
u-Unknown surface
725-Elevation
Field limits, with runway pattern unknown
Field limits unknown, with runway pattern
Field limits and runway pattern unknown
SEAPLANE BASE
SEAPLANE (EMERGENCY)
HELIPORT (H)

CONTROLLED AIRSPACE
ADIZ ATLANTIC ADIZ

VISUAL AIDS AND OBSTRUCTIONS
Obstruction 1108 (259)
1108-Elevation of obstruction top, above sea level
(259)-Elevation of obstruction top, above ground level
Group obstruction
Radio facility obstruction
Power transmission line

TERRAIN ELEVATIONS
Spot elevations: Normal; Critical *115 *2213
HIGHEST KNOWN elevation is 2231 feet located at 19°38'N, 3°01'E.
No areas of vegetation are known to exist on this sheet.

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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:
5100 feet ... 51

NOTES
No obstructions 200 feet or more above ground level are known to exist in this area.
NAMES ON THIS GRAPHIC DO NOT NECESSARILY INDICATE OFFICIAL RECOGNITION OF THE POLITICAL STATUS OF THE AREA CONCERNED.
THIS GRAPHIC IS NOT AN AUTHORITY ON INTERNATIONAL BOUNDARIES.
THE ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.
The accuracy of all elevations shown on the graphic is not within 100 feet.

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