

SERIES 1501 AIR
SHEET NF 32-3
EDITION 1

POPULATED PLACES

Over 100,000	CAIRO
50,000 to 100,000	NYALA
10,000 to 50,000	Sarh
2,000 to 10,000	Shandi
Less than 2,000	Marow

ROADS

Dual highway	4 LANES DUAL
All weather, hard surface	4 LANES
More than two lanes wide	4 LANES
Two lanes wide	4 LANES
One lane wide	4 LANES
All weather, loose or light surface	4 LANES
More than two lanes wide	4 LANES
Two lanes wide	4 LANES
One lane wide	4 LANES
Fair or dry weather, loose surface	4 LANES
Cart track	4 LANES
Footpath, trail	4 LANES
Route marker	4 LANES

RAILROADS

Normal gauge, single track (44m/143'1/2")	Double track
Narrow gauge	

BOUNDARIES

International	
First-order administrative division	

OTHER FEATURES

Area name	ERINGI
Mine or quarry	
School; Landmark feature	
Mosque; Church	
Fence	
Wall: Permanent, Intermittent, Spring	
Single line perennial stream	
Single line intermittent stream	
Double line perennial stream; Wadi	
Salt flat or dry lake; Intermittent lake	
Marsh or swamp; Land subject to inundation	
Cave: Greater than interval, Less than interval	
Pinnacle; Levee	
Horizontal control point	
Gravel; Distorted surface	
Sand, flat or rolling; Ripple dunes	
Transverse dunes; Lateral dunes	

VEGETATION

Woods; brushwood; Scattered trees	NONE
Plantation; orchard; Tropical grass	NONE

HYDROGRAPHY

Rocks, uncovering or awash	
Exposed wreck	
Limit of danger; Reef	
Formation flat	
Depth curve	

TERRAIN ELEVATIONS

Spot elevation: Normal; Critical 2523 * 1273

HIGHEST KNOWN elevation is 5125 feet at the following coordinates:
Geographic 23° 40' N, 9° 53' E
Grid NM918

± following elevation value indicates accuracy is not within 100 feet

AERODROMES (Military or Civil)

Runway pattern known	
Name / length / surface	EDNA / 50 / a
Elevation	725
Field limits and runway pattern unknown	

HELIPORT / HELIPAD; AT HOSPITAL

HELIPORT / HELIPAD; AT HOSPITAL	
---------------------------------	--

RADIO FACILITIES

VOR, VORTAC	
TACAN, VOR / DME	
RADIO RANGE LF / MF	
MULTIPLE RADIO FACILITIES	

CONTROLLED AIRSPACE

ATLANTIC ADIZ	
ADIZ	

VISUAL AIDS AND OBSTRUCTIONS

Obstruction	1108
1108 - Elevation of obstruction top, above sea level.	
1200 - Elevation of obstruction top, above ground level.	
Group obstruction	
Radio facility obstruction	
Power transmission line	
Visual ground sign	
Aero light; Marine light	

CAUTION

Vertical obstructions, including powerlines, have been extracted from the most reliable source available. However, there is no assurance that all are shown, or that their locations or heights are exact.

CAUTION

AIR INFORMATION CURRENT THROUGH 11 AUGUST 1992

Consult NOTAMS and Flight Information Publications for the latest air information; the DMA Aeronautical Chart Updating Manual or MOD (U. K.) Aeronautical Chart Amendment document, for other chart revision information.

LINE OF EQUAL MAGNETIC VARIATION FOR 1990 (Annual rate of change 5' decrease)

ATTENTION

THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)

The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known features in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).

EXAMPLE: 12,500 feet

LOCATION DIAGRAM

(ONIC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED / BROWN)

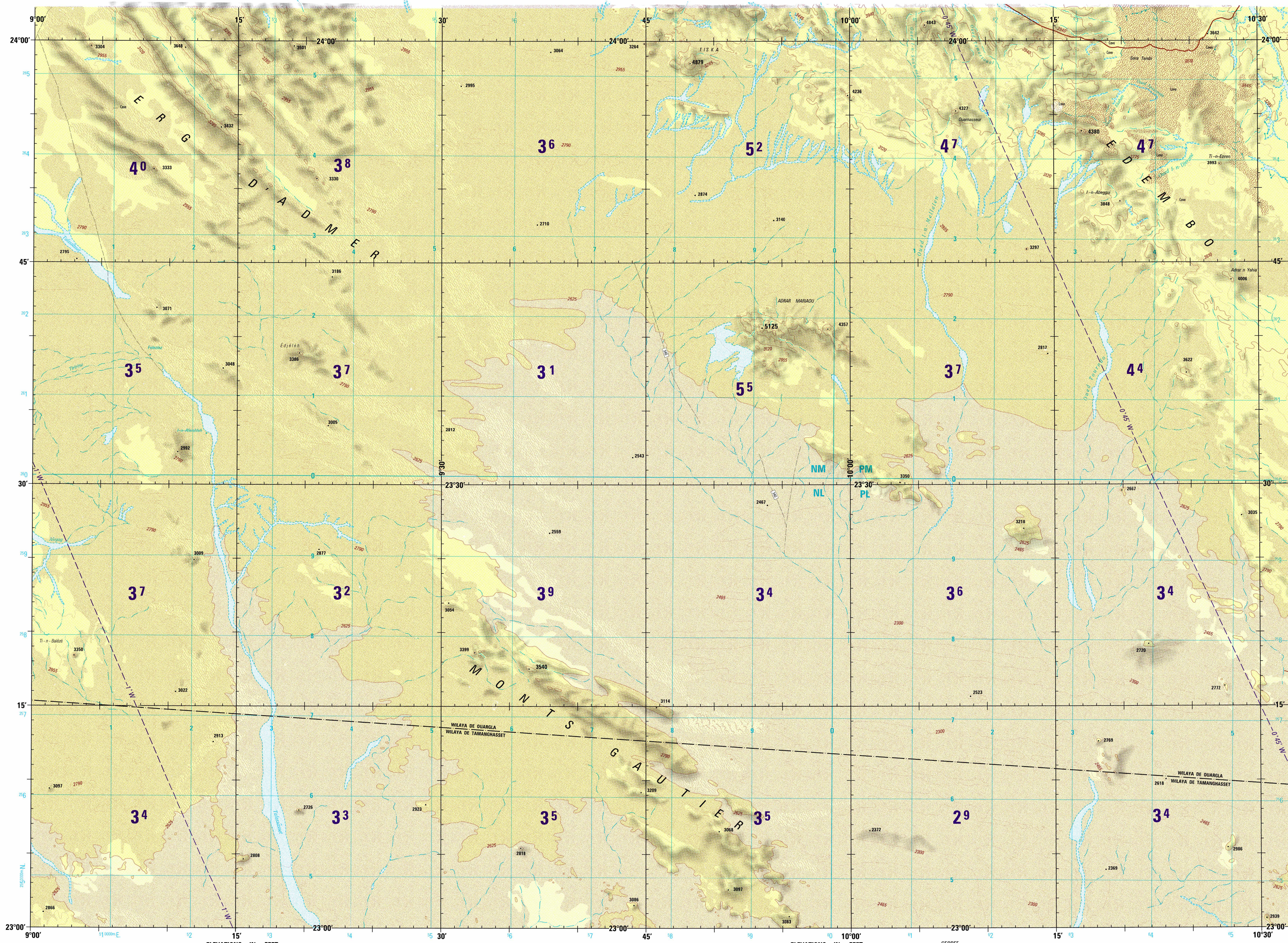
NG 32-8	NG 32-10	NG 32-11	NG 32-12	NG 33-9
540	NG 32-14	NG 32-15	541	LIBYA
NG 32-13	NG 32-16	NG 33-13		
NG 32-1	NF 32-2	NF 32-3	NF 32-4	NF 33-1
NF 32-5	NF 32-6	NF 32-7	NF 32-8	NF 33-5
NF 32-9	NF 32-10	NF 32-11	NF 32-12	NF 33-9

800	274	1000	3048
900	274	9000	2743
700	213	8000	2438
600	183	7000	2134
500	152	6000	1829
400	122	5000	1524
300	91	4000	1219
200	61	3000	914
100	31	2000	610
50	15	1500	457
0	0	1000	305

LIMITED DISTRIBUTION: Distribution authorized to DoD IAW 10 U.S.C. 65103 & 2796. Release authorized to U.S. DoD contractors IAW 48 C.F.R. 1252-245-7000. Refer other requests to Headquarters, NIMA, ATTN: Release Officer, Stop P-25. Destroy as "For Official Use Only". Removal of this cover is prohibited.

SCALE 1:250,000
I-N-AFELEHLEH, ALGERIA

SERIES 1501 AIR
SHEET NF 32-3
EDITION 1



Prepared and published by the Defense Mapping Agency Aerospace Center, St. Louis, Missouri. Compiled February, 1992.



CONVERSION OF ELEVATIONS

FEET	METERS
800	274
900	274
700	213
600	183
500	152
400	122
300	91
200	61
100	31
50	15
0	0

SAMPLE 1,000 METER REFERENCE

1. Road letter identifying the 1000 meter square in which the point lies	164
2. Road letter number labeling the VERTICAL grid line to point	1
3. Road letter number labeling the HORIZONTAL grid line to point	3
4. Estimate height (1,000 meters) from grid line to point	4

Example: 164R134

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

Example: 32QRM1234

SCALE 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

JOINT OPERATIONS GRAPHIC (AIR)

CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 22, WORLD GEODETIC SYSTEM ELLIPSOID 1984.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK, 1-800-456-0888, COMMERCIAL 1-281-265-1238, ISDN 410-1238, OR WRITE TO: ATTN: CDD MAIL STOP P-25 NATIONAL IMAGERY AND MAPPING AGENCY 4600 SANGAMORE ROAD BETHESDA MD 20815-5003

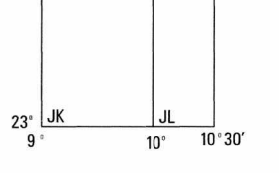
ELEVATIONS IN FEET

GLOSSARY

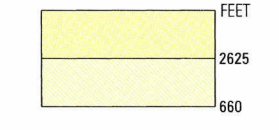
Adrar..... mountain
Cave..... mountain
Mts..... hills
Dashed..... road
Wavy..... road
Wavy..... first-order administrative boundary

GEOREF

BASIC 15° QUADRANGLE



ELEVATION TINTS



RELIABILITY OF THIS GRAPHIC (as determined by standard practice)

Plotting Accuracy	Area I	Area II	Area III
90% Assurance	within 425 ft. 425 ft.	within 425 ft. 425 ft.	within 425 ft. 425 ft.
Horizontal	± 85 ft. 85 ft.	± 85 ft. 85 ft.	± 85 ft. 85 ft.
Vertical	± 85 ft. 85 ft.	± 85 ft. 85 ft.	± 85 ft. 85 ft.
Contour	1992	1992	1991
All other features	1989	1988	1988

Graphic not field checked.

Horizontal Datum: WGS-84
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

NOTES

No obstructions 200 feet or more above ground level are known to exist in this area.
Powerlines are shown except within populated place limits. Other obstructions are shown if they are 200 feet or more above ground level. See caution note.
On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.
Road classification should be referred to with caution.
BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHENTICATIVE.

NSN 7641014098995 ED. NO. 001
NIMA Ref. No. 1501ANF3203