

SERIES 1501 AIR  
SHEET NF 34-11  
EDITION 1

- POPULATED PLACES**
- Over 100,000 **ALGER**
  - 50,000 to 100,000 **SAFI**
  - 10,000 to 50,000 **Settlement**
  - 2,000 to 10,000 **Tiflet**
  - Less than 2,000 **Marchand**
- ROADS**
- Dual highway **4 LANES DUAL**
  - All weather, hard surface **3 LANES**
  - More than two lanes wide **3 LANES**
  - Two lanes wide **3 LANES**
  - One lane wide **3 LANES**
  - All weather, loose or light surface **3 LANES**
  - More than two lanes wide **3 LANES**
  - Two lanes wide **3 LANES**
  - One lane wide **3 LANES**
  - Fair or dry weather, loose surface **3 LANES**
  - Cart track, footpath, trail **3 LANES**
  - Route marker **3 LANES**
- BOUNDARIES**
- International **3 LANES**
  - First order administrative division **3 LANES**
  - Reservation **3 LANES**
- TERRAIN ELEVATIONS**
- Spot elevation: Normal: Critical **104 1194**
  - HIGHEST KNOWN elevation is **2205** feet at the following coordinates: **21°48'N, 21°00'E**
  - Geographic Grid: **EK0111**
  - The accuracy of all elevations shown on the graphic is not within 100 feet
- RELIEF**
- Sand **3 LANES**
  - Distorted surface **3 LANES**
  - Dunes: Rippled, Lateral, Crescent **3 LANES**
  - Escarpment: Level **3 LANES**
- CULTURE**
- Church; Mosque; School **3 LANES**
  - Hot spring; Landmark feature **3 LANES**
  - Mine: Cave **3 LANES**
  - Tank; Well (other than water) **3 LANES**
  - Area name **3 LANES**
- HYDROGRAPHY**
- Well; Spring; cistern **3 LANES**
  - Wadi; Sabkha; wet depression **3 LANES**
- AERODROMES (Military or Civil)**
- Runway pattern known **EDNA/50's**
  - EDNA: Name **725**
  - 50-Length of longest runway to nearest hundreds of feet
  - s-Soft or unimproved surface
  - u-Unknown surface
  - 725-Elevation
  - Runway pattern unknown **3 LANES**
- HELIPORT/HELIPAD**
- HELIPORT/HELIPAD AT HOSPITAL **3 LANES**
  - HELIPORT/HELIPAD **3 LANES**
- RADIO AIDS TO NAVIGATION**
- VHF OMNI RANGE (VOR) **3 LANES**
  - VORTAC **3 LANES**
  - TACAN **3 LANES**
  - VOR with DME **3 LANES**
  - Other facilities **3 LANES**
- RADIO FACILITIES**
- RADIO RANGE LF/MF **3 LANES**
  - MULTIPLE RADIO FACILITIES **3 LANES**
- CONTROLLED AIRSPACE**
- ADIZ **ATLANTIC ADIZ**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction **3 LANES**
  - 1100: Elevation of obstruction top, above sea level (2259)
  - (259): Elevation of obstruction top, above ground level
  - Group obstruction **3 LANES**
  - Radio facility obstruction **3 LANES**
  - Power transmission line **3 LANES**
  - Visual ground sign **3 LANES**
  - Aero light; Marine light **3 LANES**

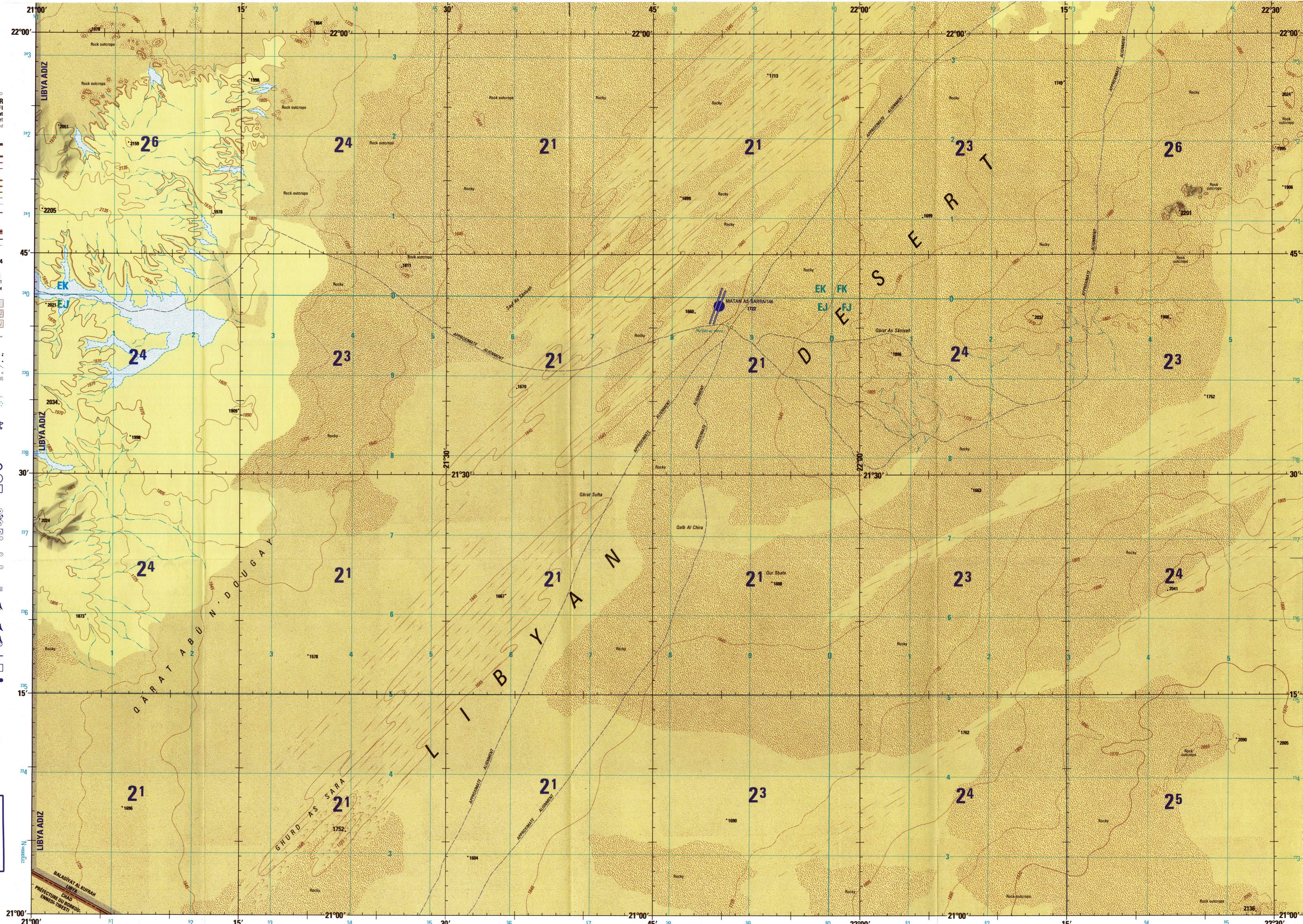
**CAUTION**  
AIR INFORMATION CURRENT THROUGH  
6 NOVEMBER 1987  
Consult NOTAMS and Flight Information Publications  
for the latest air information; the DOD Aeronautical  
Chart Updating Manual or MDD (U.K.) Aeronautical  
Chart Amendment document, for other chart revision  
information.

MAGNETIC VARIATION FOR 1985 IS APPROXIMATELY  
10° EASTERLY OVER THE ENTIRE AREA  
(Annual rate of change, 7' increase)

**ATTENTION**  
THIS CHART CONTAINS  
MAXIMUM ELEVATION FIGURES (MEF)  
The Maximum Elevation Figures shown in quadrangles bounded by  
dotted 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 feature in each  
quadrangle, including terrain and obstructions.  
**EXAMPLE: 12,500 feet 125**

**LOCATION DIAGRAM**  
(INDEX INDEX SHOWN IN RED/BROWN)  
(WAC INDEX SHOWN IN RED/BROWN)

NF 34-1	NF 34-2	NF 34-3	NF 34-4	NF 34-5
NF 34-6	NF 34-7	NF 34-8	NF 34-9	NF 34-10
NF 34-11	NF 34-12	NF 34-13	NF 34-14	NF 34-15
NF 34-16	NF 34-17	NF 34-18	NF 34-19	NF 34-20



Prepared and published by the Defense Mapping Agency  
Hydrographic/Topographic Center, Washington, D. C.  
Compiled June, 1987.



**JOINT OPERATIONS GRAPHIC (AIR)**

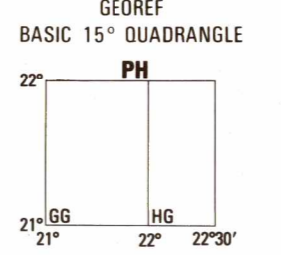
SCALE 1:250,000  
0 5 10 15 20 25 30 Statute Miles  
0 5 10 15 20 25 30 Kilometers  
0 5 10 15 20 25 30 Nautical Miles

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

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 34, WORLD GEODETIC SYSTEM SPHEROID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE  
NIMA CUSTOMER HELP DESK: 1-800-485-0899; COMMERCIAL 1-314-260-9022;  
DSN 480-5023; OR WRITE TO: ATTN: CDD, MAIL STOP P-37, NATIONAL  
IMAGERY AND MAPPING AGENCY, 4800 BANGAMORE ROAD, BETHESDA,  
MD 20818-5003

- GLOSSARY**
- Balladīyat: first-order administrative division
  - Ghurd: dunes
  - Mā'īn: well
  - Madīnah: first-order administrative division
  - Qā'ab: hill, peak
  - Qā'rat: hill, mountain
  - Qū'at: hills

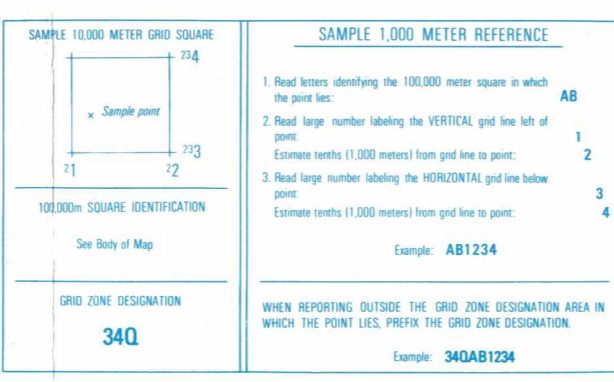


**CAUTION**  
Vertical obstructions, including powerlines,  
have been extracted from the most reliable sources  
available. However, there is no assurance that all are  
shown, or that their locations or heights are exact.

**NOTES**  
Powerlines are shown except within populated place tints.  
Other obstructions are shown if they are 200 feet or more  
above ground level. See caution note.  
Road classification should be referred to with caution.  
Alignment of all boundaries is approximate.  
THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT  
NECESSARILY AUTHORITY.

**CONVERSION OF ELEVATIONS**

FEET	METERS	FEET	METERS
100	30.5	10000	3048
200	61	9000	2743
300	91	8000	2438
400	122	7000	2133
500	152	6000	1829
600	183	5000	1524
700	214	4000	1219
800	244	3000	914
900	275	2000	610
1000	305	1500	457
		1000	305



SCALE 1:250,000  
QĀRAT ABŪ N'DOUGAY, LIBYA; CHAD  
SERIES 1501 AIR  
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EDITION 1

**ELEVATION TINTS**  
FEET  
800

**RELIABILITY OF THIS GRAPHIC**  
Compiled from best available source materials.  
Horizontal Datum: World Geodetic System  
Vertical Datum: Mean Sea Level  
Transverse Mercator Projection

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ED. NO. 001