

SERIES 1501 AIR NG 32-4 SHEET EDITION 1

- POPULATED PLACES**
- Over 100,000 **TRIPOLI**
  - 50,000 to 100,000 **BENBASA**
  - 10,000 to 50,000 **Gadames**
  - 2,000 to 10,000 **Tobruk**
  - Less than 2,000
- ROADS**
- Dual highway **4 LANES DUAL**
  - All weather, hard surface **4 LANES**
  - More than two lanes wide
  - Two lanes wide
  - One lane wide
  - All weather, loose or light surface **3 LANES**
  - More than two lanes wide
  - Two lanes wide
  - One lane wide
  - Fair or dry weather, loose surface
  - Cart track
  - Footpath, trail
  - Route marker
- RAILROADS**
- Normal gauge, single track 1.44m (4'8 1/2") Double track
  - Narrow gauge
- BOUNDARIES**
- International
  - First-order administrative
- OTHER FEATURES**
- Area name
  - Mine or quarry
  - Campsite, Ruins, Watermill
  - School, Church, Landmark
  - Mosque, Moslem shrine
  - Small reservoir or cistern
  - Well, Fossiliferous, Intermittent, Spring
  - Underground aqueduct with shafts
  - Sabkha or Dry lake; Intermittent lake
  - Single line intermittent stream; Wadi
  - Marsh or swamp; Land subject to inundation
  - Mound; Levee
  - Mudflat; Distorted surface
  - Sand, flat or rolling; Sand dunes
  - Horizontal control point
- VEGETATION**
- Woods, brushwood, Scattered trees
  - Orchard, vineyard, Scrub
- HYDROGRAPHY**
- Rocks, uncovering or awash
  - Exposed wreck
  - Limit of danger; Reef
  - Foreshore flat
  - Depth curve, Ephemeris
- TERRAIN ELEVATIONS**
- Spot elevation, normal, critical
  - HIGHEST KNOWN elevation is **2264±** feet at the following coordinates: Geographic 27°24'N, 11°53'E Grid: 2700, 08433
  - ± following elevation value indicates accuracy is not within 100 feet
- AERODROMES (Military or Civil)**
- Runway pattern known **EDNA/50's 7S**
  - Runway pattern unknown
- HELIPORT/HELIPAD**
- RADIO FACILITIES**
- VORTAC VOR
  - TACAN VOR/DME
  - RADIO RANGE L/M/F
  - MULTIPLE RADIO FACILITIES
- CONTROLLED AIRSPACE**
- ADIZ **ATLANTIC ADIZ**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction **1108 (208)**
  - 1108-Elevation of obstruction top, above sea level.
  - (208)-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 sources available. However, there is no assurance that all are shown, or that their locations or heights are exact.

**CAUTION**

**AIR INFORMATION CURRENT THROUGH 15 AUGUST 1994**

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

MAGNETIC VARIATION FOR 1990 IS APPROXIMATELY 15° WEST THROUGHOUT CHART AREA (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 expressed 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 (towers, antennas, etc.).

EXAMPLE: 12,500 feet **12<sup>5</sup>**

**LOCATION DIAGRAM**

Boundary Representation is Not Necessarily Authoritative (BAC INDEX SHOWN IN BLUE)

NH 22-10	NH 22-11	NH 22-12	NH 22-13	NH 22-14
NH 22-15	NH 22-16	NH 22-17	NH 22-18	NH 22-19
NH 22-20	NH 22-21	NH 22-22	NH 22-23	NH 22-24

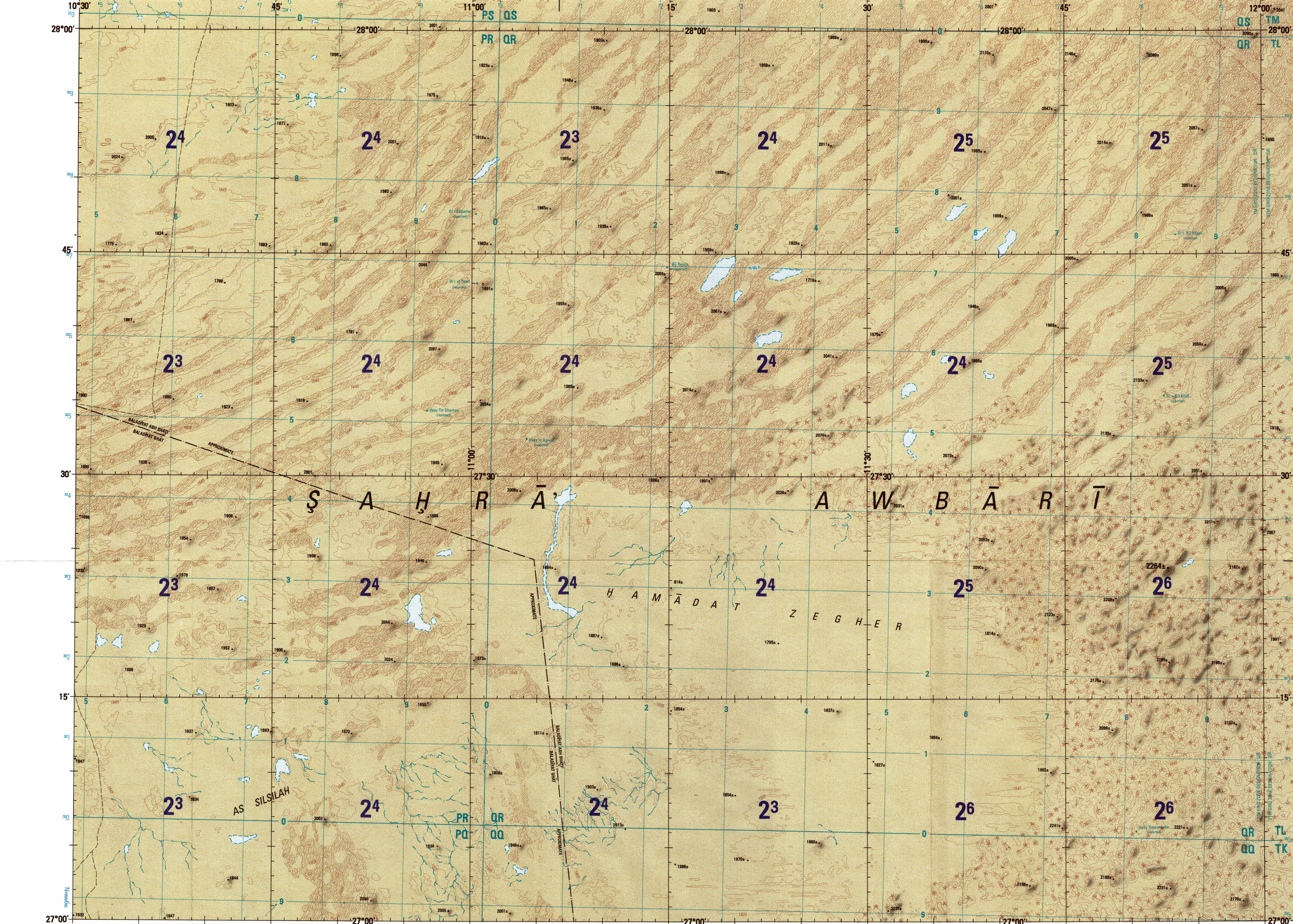
ALGERIA NH 22-25 NH 22-26 NH 22-27 NH 22-28 NH 22-29 NH 22-30

LIBYA NH 22-31 NH 22-32 NH 22-33 NH 22-34 NH 22-35 NH 22-36

**SCALE 1:250,000**

HASY IN AGIUEL, LIBYA

SERIES 1501 AIR SHEET NG 32-4 EDITION 1

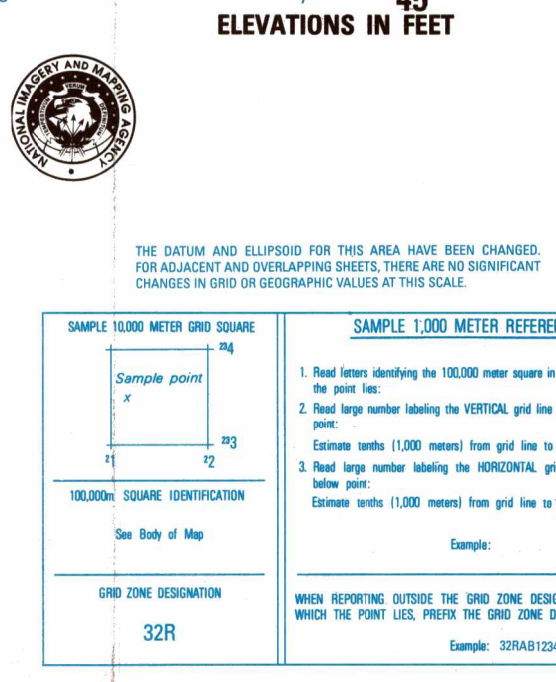


Prepared and published by the Defense Mapping Agency Aeronautics Center, St. Louis, Missouri. Compiled February 1994.

©COPYRIGHT 1994 BY THE UNITED STATES GOVERNMENT. NO COPYRIGHT CLAIMED UNDER TITLE 17 U.S.C.

**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

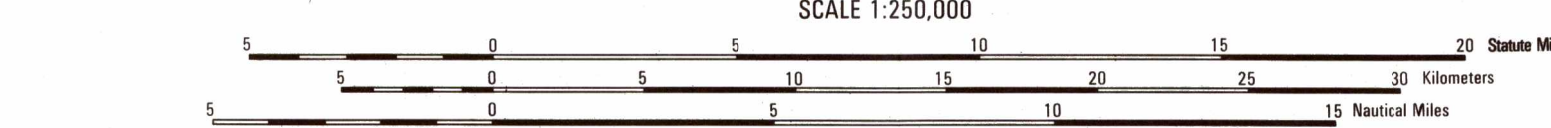


**JOINT OPERATIONS GRAPHIC (AIR)**

SCALE 1:250,000

CONTOUR INTERVAL APPROXIMATELY 165 FEET

Blue numbered lines indicate the 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 32, WORLD GEODETIC SYSTEM ELLIPSOID.



**COORDINATE CONVERSION FROM WGS 84 DATUM TO EUROPEAN DATUM**

WGS 84 DATUM TO EUROPEAN DATUM

Geographic: Add 2.7° Long., Add 4.4" Lat.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK 1-800-455-6899, COMNAVHADR 314-263-8864, OR NAVY AND MARINE CORPS MAPS AND MAPPING AGENCY, ATTN: E, MAIL STOP 1-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20814-5003.

**RELIABILITY OF THIS GRAPHIC**

(as determined by standard practices)

PROFILING ACCURACY FOR ASSURANCE	AREA I	AREA II
Horizontal	within 40 ft. (12 m.)	within 60 ft. (18 m.)
Contours	within 10 ft. (3 m.)	within 15 ft. (4.5 m.)
GRAPHIC FEATURE	DATE OF INFORMATION AREA I	DATE OF INFORMATION AREA II
Hydrography	1990	1990
All other features	1983	1983

Graphic not field checked.

**NOTES**

No obstructions 200 feet or more above ground level are known to exist in this area. ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.

**REPRINTED BY NIMA 3/02**

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

NSN 7641014100735  
NIMA REF. NO. 1501ANG3204

**CONVERSION OF ELEVATIONS**

FEET METERS

1000 305

900 274

800 244

700 213

600 183

500 152

400 122

300 91

200 61

150 46

100 31

**SCALE 1:250,000**

HASY IN AGIUEL, LIBYA

SERIES 1501 AIR SHEET NG 32-4 EDITION 1