

SERIES 1501 AIR SHEET NH 33-6 EDITION 2  
SERIES 1501 COMPANION SHEET IS EDITION 3

- 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 **(Nominal)**
- ROADS**
- Dual highway **4 LANES DUAL**
  - All weather, hard surface **4 LANES**
  - More than two lanes wide **3 LANES**
  - Two lanes wide **2 LANES**
  - One lane wide, all weather, loose or light surface **1 LANE**
  - One lane wide, fair or dry weather, loose surface **0.5 LANE**
  - Cart track, footpath, trail **ROUTE MARKER**
- RAILROADS**
- Normal gauge 35 m (3'11") **SINGLE TRACK**
  - Narrow gauge **MULTIPLE TRACK**
- BOUNDARIES**
- International **INTERNATIONAL**
  - First-order administrative division **ADMINISTRATIVE**
- OTHER FEATURES**
- Landmark **LANDMARK**
  - Horizontal control point **HORIZONTAL CONTROL POINT**
  - Huts **HUTS**
  - Well, Tank **WELL/TANK**
  - School, Church, Mosque **SCHOOL/CHURCH/MOSQUE**
  - Mine, Cave **MINE/CAVE**
  - Escarpment, Levee **ESCAPRMENT/LEVEE**
  - Dunes: Crescent, Lateral **DUNES**
  - Dunes: Ripple, Transverse **DUNES**
  - Sand, Distorted Surface **SAND**
- VEGETATION**
- Orchard, plantations, vineyards **VEGETATION**
- HYDROGRAPHY**
- Spring or cistern **WATER**
  - Well: Perennial, Intermittent **WELL**
  - Wadi: wadiha, wadi depression or dry lake **WADI**
  - Intermittent streams: Single, Double line **STREAM**
- TERRAIN ELEVATIONS**
- Spot elevation: Normal, Critical **ELEVATION**
  - HIGHEST KNOWN elevation is **1847** feet at the following coordinates: Geographic 30°05'N, 13°33'E Grid UP6129

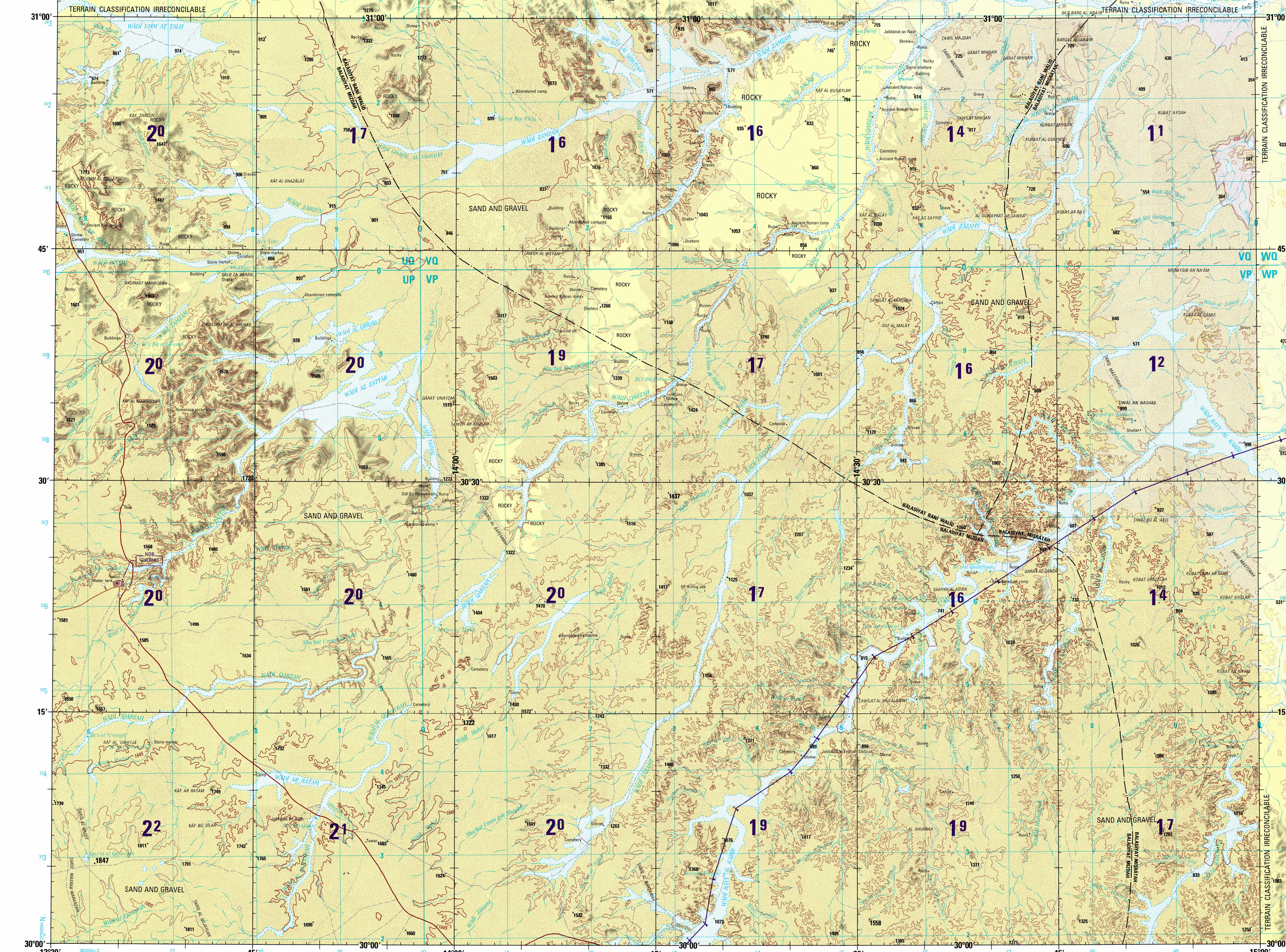
- AERODROMES (Military or Civil)**
- Runway pattern known **EDNA/50/s**
  - EDNA-Name **EDNA**
  - 50-Length of longest runway to nearest hundreds of feet **50**
  - s-Soft or unimproved surface **s**
  - u-Unknown surface **u**
  - 725-Elevation **725**
  - Runway pattern unknown **UNKN**
- HELIPORT**
- HELIPORT**
- RADIO FACILITIES**
- RADIO RANGE LF/MF **RADIO RANGE**
  - MULTIPLE RADIO FACILITIES **MULTIPLE RADIO FACILITIES**
  - RADIO AIDS TO NAVIGATION **RADIO AIDS TO NAVIGATION**
  - VOR with DME **VOR**
  - VORTAC **VORTAC**
  - TACAN **TACAN**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction **OBSTRUCTION**
  - 1188-Elevation of obstruction top, above sea level **1188**
  - 1259-Elevation of obstruction top, above ground level **1259**
  - Group obstruction **GROUP OBSTRUCTION**
  - Radio facility obstruction **RADIO FACILITY OBSTRUCTION**
  - Power transmission line **POWER TRANSMISSION LINE**
  - Visual ground sign **VISUAL GROUND SIGN**
  - Aero light: Marine light **AERO LIGHT**
- CONTROLLED AIRSPACE**
- ADIZ **ATLANTIC ADIZ**

**CAUTION**  
**AIR INFORMATION CURRENT THROUGH 17 MAY 1988**  
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.

**MAGNETIC VARIATION FOR 1985 IS APPROXIMATELY 0° OVER THE ENTIRE AREA**  
(Annual rate of change 7" increase)  
(Annual rate of change 7" decrease)  
(Annual rate of change 7" decrease)  
West declination areas

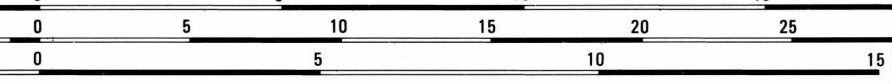
**LOCATION DIAGRAM**  
(WAC INDEX SHOWN IN BLUE)  
(IWC INDEX SHOWN IN RED/BROWN)

32-16	NH 33-13	MEDITERRANEAN SEA
42-43	NH 33-14	TUNISIA
451	450	2999
NH 32-6	NH 33-5	NH 33-6
NH 32-12	NH 33-9	NH 33-10
NH 32-18	NH 33-13	NH 33-14
NH 32-16	NH 33-13	NH 33-14



**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 33, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-6896; COMMERCIAL 314-263-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP L-18, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

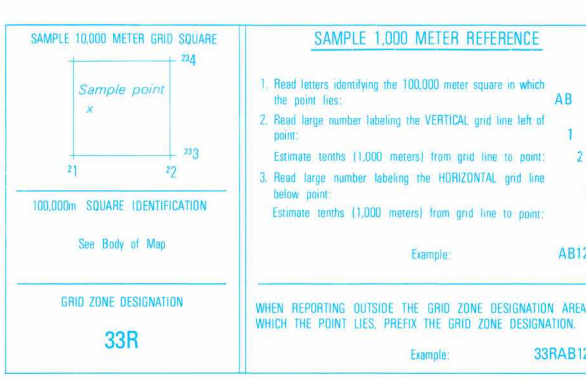
Prepared and published by the Defense Mapping Agency  
Hydrographic/Topographic Center, Washington, D.C.  
Compiled in 1988



**CONVERSION OF ELEVATIONS**

FEET	METERS
1000	305
2000	610
3000	914
4000	1219
5000	1524
6000	1829
7000	2134
8000	2438
9000	2743
10000	3048

**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.



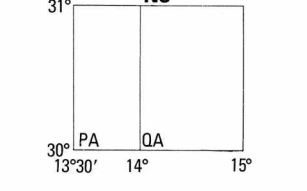
**GLOSSARY**

Abyr	well	Ma Jan	well
Ayn	spring	Maryab	hill
Baladiyat	first-order administrative division	Qa'at	dry lake
g'y	well, custom	Qarat	hill, hills
Gaqr	fort	Qasr	village
Faslyat	cistern	Ra's	fort
Jabbabat	cemetery	Sa'iyat	hill
Kaf	plateau, hill	Shaykh	well
Kafh	cave, hill	Shaykh	wadi
Khashm	hill	Shu'bat	wadi
Kharmit, Khumit	hill	Sif	shrine
Kubat	hill	Tariq	rail
Majin	hills	Tawilat, Tawilal	hill
Masrab	cistern	Tawil	hills
	well	Wadi	wadis

**ELEVATION TINTS**

FEET
600
300
BSL

**GEOREF**  
BASIC 15° QUADRANGLE  
NJ



**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 **125**

**RELIABILITY OF THIS GRAPHIC**  
Compiled from best available source materials.  
Horizontal Datum: World Geodetic System 1984  
Vertical Datum: Mean Sea Level  
Transverse Mercator Projection

**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.  
On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.  
Road classifications should be referred to with caution.  
THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.  
ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.

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