

SERIES 1501 AIR
SHEET NH 31-4
EDITION 2
SERIES 1501 COMPANION SHEET IS EDITION 1

POPULATED PLACES LIEUX HABITES

Over 100,000
50,000 to 100,000
10,000 to 50,000
2,000 to 10,000
Less than 2,000

ALGER
SAFI
SETTAT

ROADS ROUTES

Dual highway Autoroute
All weather, hard surface, two or more lanes wide
All weather, loose or light surface, two or more lanes wide
All weather, hard surface, one lane wide
All weather, loose or light surface, one lane wide
Fair or dry weather, loose surface
For temps sec, à surface meuble
Cart track, Footpath, trail
Chemical exploitation, mine, mine
International, National, Secondary
International, National, Secondary
Mine, Mosque
Mine, Mosque
Sand, Sand dunes
Sable, Dunes
Horizontal control point
Point géodésique

RAILROADS CHEMINS DE FER

Normal gauge 1.44m (4'8.5") Single track Voie unique
Voie normale Voies multiples
Narrow gauge Voie étroite

BOUNDARIES LIMITES

International, National, Secondary
Primary administrative
De division administrative principale

VEGETATION VÉGÉTATION

Woods Bois
Palm trees, Orchards, Palmiers, Vergers

HYDROGRAPHY HYDROGRAPHIE

Well, Spring Puits, Source
Depth curves Courbes bathymétriques
Wrecks, Exposed, Submerged
Epaves, Visibles, Submergées
Rocks, Awaits, Sables
Rochers, À fleur d'eau, Submergées
Limits of Danger, Reef
Limites de danger, Récif
Wadi, Oued
Sahiba, Sebaha
Foreshore flats, Rivages plats

TERRAIN ELEVATIONS ALTITUDES DU TERRAIN

HIGHEST KNOWN elevation is 935 feet at 31°56'N, 4°32'E
Le point culminant connu est 935 pieds à 31°56'N, 4°32'E

Spot elevations: normal, critical
Point coté: normal, critique
± following elevation value indicates accuracy is not within 100 feet
± suivant une valeur d'altitude indique une précision inférieure aux 100 mètres

AERODROMES (Military or Civil)

Runway pattern known
EDNA-Name
50-Length of longest runway to nearest hundreds of feet
p-Soft or unimproved surface
u-Unknown surface
725-Elevation
Runway pattern unknown

HELIPORT/HELIPAD

RADIO FACILITIES

RADIO RANGE LF/MF
MULTIPLE RADIO FACILITIES

CONTROLLED AIRSPACE

ADIZ ATLANTIC ADIZ

VISUAL AIDS AND OBSTRUCTIONS

Obstruction
1108-Elevation of obstruction top, above sea level
(259)-Elevation of obstruction top, above ground level
Group obstruction
Radio facility obstruction
Power transmission line
Visual ground sign
Aero light, Marine light

RADIO AIDS TO NAVIGATION

VHF OMNI RANGE (VOR)
VORTAC
TACAN
VOR WITH DME
Other facilities

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

CAUTION

AIR INFORMATION CURRENT THROUGH 14 JUNE 1994

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 location or height are exact.

LINES OF EQUAL MAGNETIC VARIATION FOR 1990

(Annual rate of change 6' decrease)

LOCATION DIAGRAM

(MAGNETIC INDEX SHOWN IN BLUE)

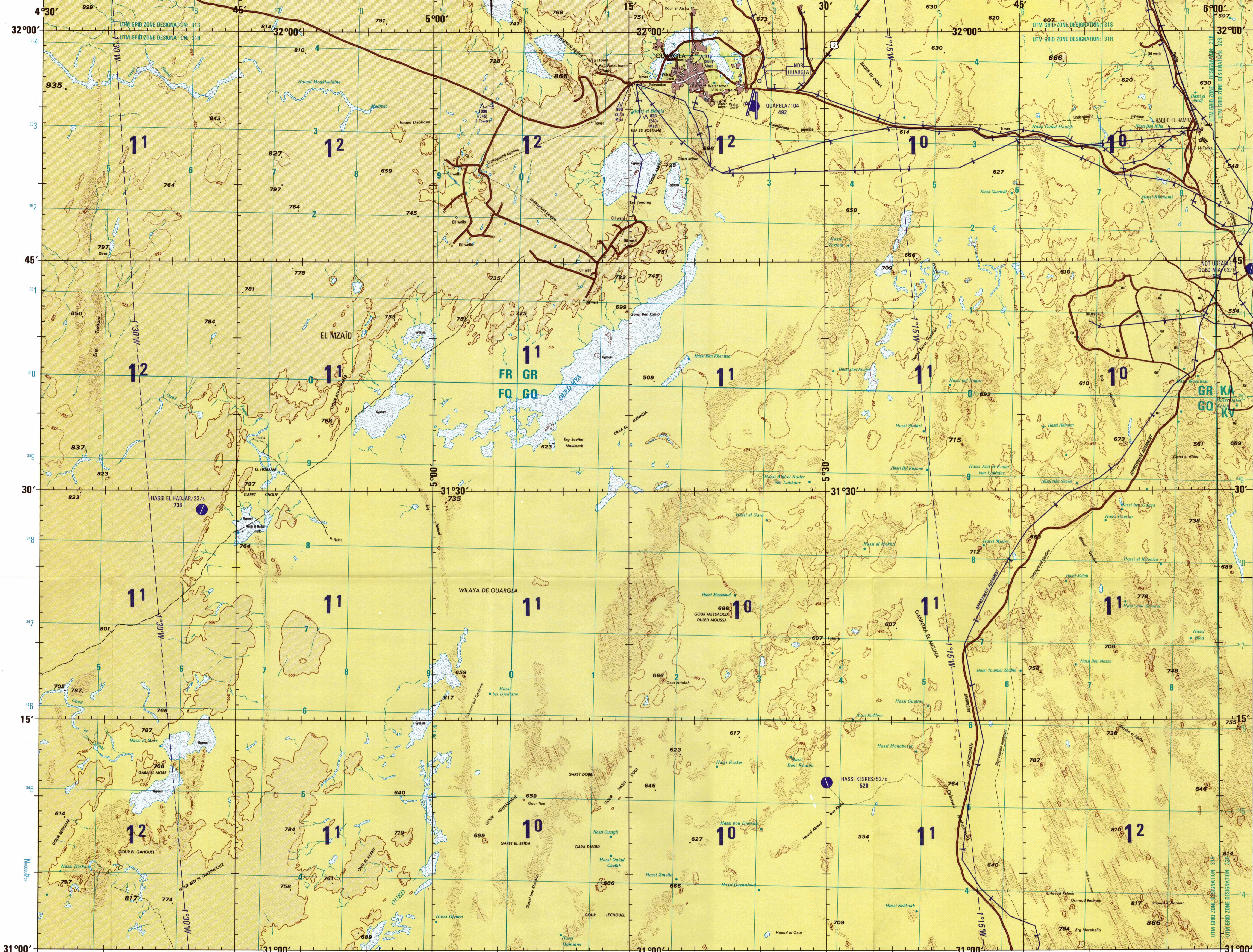
(WAC INDEX SHOWN IN RED/BROWN)

Boundary Representation is Not Necessarily Authoritative

NH 31-10	NH 31-11	NH 31-12	NH 31-13	NH 31-14	TUNISIA
NH 31-14	NH 31-15	NH 31-16	NH 31-17	NH 31-18	NH 31-19
NH 31-18	NH 31-19	NH 31-20	NH 31-21	NH 31-22	NH 31-23
NH 31-22	NH 31-23	NH 31-24	NH 31-25	NH 31-26	NH 31-27
NH 31-26	NH 31-27	NH 31-28	NH 31-29	NH 31-30	ALGERIA
NH 31-30	NH 31-31	NH 31-32	NH 31-33	NH 31-34	NH 31-35

SCALE 1:250,000
OUARGLA, ALGERIA

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ELEVATIONS IN FEET
ALTITUDES EN PIEDS

CONTOUR INTERVAL APPROXIMATELY 165 FEET
ÉQUIDISTANCE DES COURBES DE NIVEAU 165 PIEDS ENVIRON

CONVERSION OF ELEVATIONS

FEET	METERS
1000	305
900	274
800	244
700	213
600	183
500	152
400	122
300	91
200	61
100	31
0	0

SAMPLE 1,000 METER GRID SQUARE

SAMPLE 1,000 METER REFERENCE

1. Read across identifying the 1,000 meter square in which the point lies. AB

2. Read down identifying the 100 meter grid line in which the point lies. 3

3. Read large number identifying the 100,000 meter grid line in which the point lies. 4

4. Read small number identifying the 100 meter grid line in which the point lies. 5

5. Read large number identifying the 100,000 meter grid line in which the point lies. 6

6. Read small number identifying the 100 meter grid line in which the point lies. 7

GRID ZONE DESIGNATION 31R

UTM GRID ZONE DESIGNATION 31R

JOINT OPERATIONS GRAPHIC (AIR)

Scale 1:250,000

5 10 15 20 25 30 Statute Miles
5 10 15 20 25 30 Kilometers
5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 165 FEET
ÉQUIDISTANCE DES COURBES DE NIVEAU 165 PIEDS ENVIRON

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 31R WORLD GEODETIC SYSTEM DATUM AND ELLIPSOID

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ELEVATIONS IN FEET
ALTITUDES EN PIEDS

GLOSSARY—GLOSSAIRE

Djebel	mountain	mont
Draa	hills	collines
Erg	dunes	dunes
Feld	dune valley	couloir interdunaire
Gomtra	plateau	plateau
Gara	hill	colline
Garet	hill	colline
Gour	depression	dépression
Houd	depression	dépression
Hassi	well	puits
Kef	hill	colline
Oued	wadi	wadi

RELIABILITY OF THIS GRAPHIC (as determined by standard practices)

PLOTTING ACCURACY	AREA I	AREA II	AREA III
Horizontal	within 1300 ft	within 1300 ft	within 1300 ft
Vertical	within 800 ft	within 800 ft	within 800 ft

GRAPHIC FEATURE AREA I AREA II AREA III

Contours	1980	1980	1980
Hydrography	1973	1973	1973
All other features	1980	1981	1987

Graphic not field checked

Vertical Datum: World Geodetic System 1984
Horizontal Datum: Mean Sea Level
Transverse Mercator Projection

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NOTES—NOTES

Powerlines are shown except within populated place tints. Obstructions are shown if they are 200 feet or more above ground level. See caution note. Road classification should be referred to with caution. On this graphic a lane is generally considered as being 2.5 meters (8 feet) in width. THE REPRESENTATION OF BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.

CAUTION: This Chart is Geodetically Limited Due To Insufficient Data Available To Provide an Accurate Transformation From European Datum to WGS Datum. Horizontal Errors Of Up To 3200 Feet May Exist.

Horizontal Datum: World Geodetic System 1984
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

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