

SERIES 1501 AIR  
SHEET NH 38-3  
EDITION 4

- POPULATED PLACES**
- Over 100,000 BAGHDAD
  - 50,000 - 100,000 KARKUK
  - 10,000 - 50,000 Karbala'
  - 2,000 - 10,000 Al Hadithah
  - Less than 2,000 Baiji
- ROADS**
- Dual highway 4 LANES
  - All weather, hard surface More than two lanes wide 3 LANES
  - Two lanes wide
  - One lane wide
  - All weather, loose or light surface More than two lanes wide 3 LANES
  - Two lanes wide
  - One lane wide
  - Fair or dry weather, loose surface
  - Cart track
  - Footpath, trail
  - Route marker E64
- RAILROADS**
- Normal gauge 4'8 1/2" (1.44m) Single track
  - Narrow gauge Multiple track
- BOUNDARIES**
- International
  - First-order administrative division
- VEGETATION**
- Woods

- OTHER FEATURES**
- Area name
  - School, Church, Landmark feature
  - Cemetery, Mosque, Moslem shrine
  - Ruins, Watermill, Mine or quarry
  - Horizontal control point
  - Small reservoir
  - Well, Perennial, Intermittent, Spring
  - Intermittent lake, Wadi
  - Swamp; Land subject to inundation
  - Mound, Level
  - Sand
  - Dunes, Crescent, Ripple, Mounds

- TERRAIN ELEVATIONS**
- Spot elevation: Normal, Critical
  - HIGHEST KNOWN ELEVATION is 489 feet at the following coordinates: 31°04'N, 45°06'E
  - Geographic Grid NV0937

- AERODROMES (Military or Civil)**
- Runway pattern known 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

- HELIPORT/HELIPAD**
- Helipad

- RADIO FACILITIES**
- RADIO RANGE LF/MF
  - MULTIPLE RADIO FACILITIES

- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction 1108
  - 1108 - Elevation of obstruction top, above sea level
  - (258) - Elevation of obstruction top, above ground level
  - Group obstruction
  - Radio facility obstruction

- POWER TRANSMISSION LINES**
- Power transmission lines
  - Visual ground sign
  - Aero light, Marine light

- RADIO AIDS TO NAVIGATION**
- VHF OMNI RANGE (VOR)
  - VORTAC
  - TACAN
  - VOR with DME
  - Other facilities

- CONTROLLED AIRSPACE**
- IRAN ADIZ

**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 3 MAY 1999**

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

**MAGNETIC VARIATION FOR 1995 IS APPROXIMATELY 3° EAST OVER THE ENTIRE AREA.**

(Annual rate of change, 1° increase)

**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 feature in each quadrangle, including terrain and obstructions (trees, towers, etc.)

EXAMPLE: 12,500 feet **125**

**LOCATION DIAGRAM**

(GRID INDEX SHOWN IN BLUE)

(WAC INDEX SHOWN IN RED-BROWN)

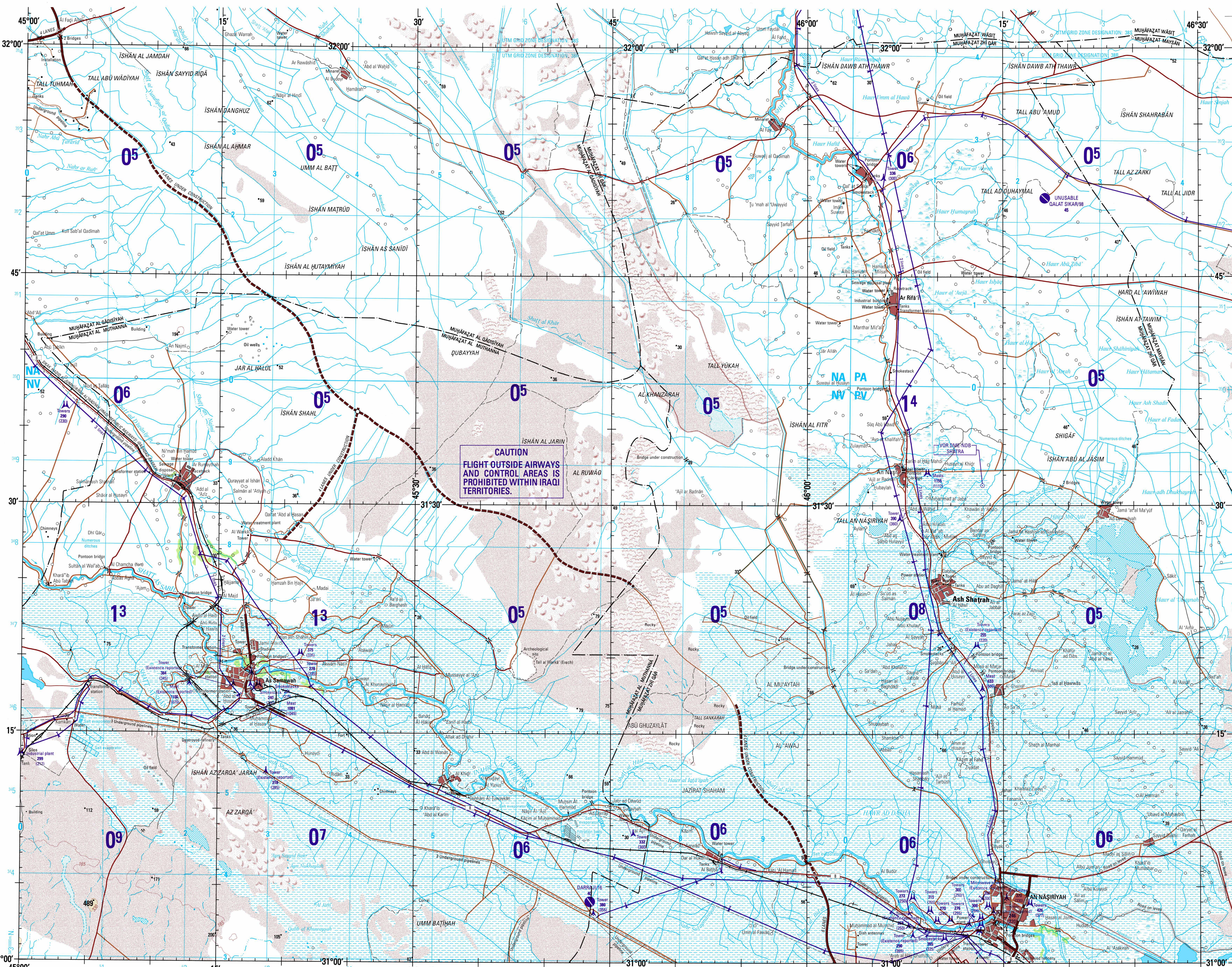
Ni 38-9	Ni 38-10	Ni 38-11	Ni 38-12	Ni 38-13	Ni 38-14	Ni 38-15	Ni 38-16	Ni 38-17	Ni 38-18
NH 38-1	NH 38-2	NH 38-3	NH 38-4	NH 38-5	NH 38-6	NH 38-7	NH 38-8	NH 38-9	NH 38-10
IRAN Ni 38-13									
NH 38-11	NH 38-12	NH 38-13	NH 38-14	NH 38-15	NH 38-16	NH 38-17	NH 38-18	NH 38-19	NH 38-20
ARABIA Ni 38-9									
NH 38-9	NH 38-10	NH 38-11	NH 38-12	NH 38-13	NH 38-14	NH 38-15	NH 38-16	NH 38-17	NH 38-18

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

SCALE 1:250,000  
AN NAŞIRIYAH, IRAQ

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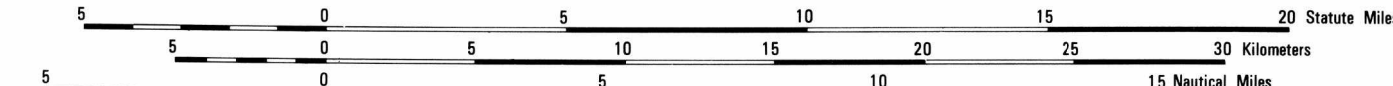
**CAUTION**

FLIGHT OUTSIDE AIRWAYS AND CONTROL AREAS IS PROHIBITED WITHIN IRAQI TERRITORIES.

Prepared and published by the National Imagery and Mapping Agency, Compiled January 1991, Revised March 1996.

**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 38R, WORLD GEODETIC SYSTEM ELLIPSOID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-6896, COMMERCIAL 314-263-4884, DSN 693-4884 OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP L-48, 4803 SANGAMORE ROAD, BETHESDA, MD 20818-5002.

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**GLOSSARY**

- Apn ..... well
- Har ..... lake, marsh
- Imn ..... proper noun, religious title
- Ishn ..... hill, mound, ancient site
- Mu'ayyad ..... first-order administrative division
- Nahr ..... canal, stream
- Qalat ..... fort
- Qat ..... well
- Shah ..... stream
- Sikah Jaidid ..... railways
- Tall ..... hill, mound

**RELIABILITY OF THIS GRAPHIC**

(as determined by standard practices)

YEAR	1997	1996	1997
PLOTTING ACCURACY 90% ASSURANCE			
Horizontal	within 440 ft.		
Contours	within 72 ft.		
GRAPHIC FEATURE	DATE OF INFORMATION		
All features	See diagram		

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

**ELEVATION TINTS**

330	FEET
BSL	

**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 classification should be referred to with caution. BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITY. ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE. DEPICTION OF INTERNATIONAL BOUNDARIES HAS BEEN CHANGED SINCE THE LAST EDITION.

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