

SERIES 1501 AIR SHEET NI 38-3 EDITION 3

SERIES 1501 COMPANION SHEET IS EDITION 1

- 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 DUAL
 - All weather, hard surface: 4 LANES
 - More than two lanes wide: 3 LANES
 - Two lanes wide: 2 LANES
 - One lane wide: 1 LANE
 - All weather, loose or light surface: 2 LANES
 - More than two lanes wide: 3 LANES
 - Two lanes wide: 2 LANES
 - One lane wide: 1 LANE
 - Fair or dry weather, loose surface: 1 LANE
 - Cart track: 1 LANE
 - Footpath, trail: 1 LANE
 - Route marker: 1 LANE

- RAILROADS**
- Normal gauge, single track 4'8 1/2" (1.44m): 1 LANE
 - Station position: known, unknown
 - Narrow gauge: 1 LANE

- BOUNDARIES**
- International: 1 LANE
 - First-order administrative division: 1 LANE

- VEGETATION**
- Woods: Tropical grass: NONE
 - Scattered trees, Orchard, plantations, vineyards: NONE

- OTHER FEATURES**
- Area name: 1 LANE
 - School, Church, Mosque: 1 LANE
 - Landmark feature or object: 1 LANE
 - Tank, Wall, Wall, Fence: 1 LANE
 - Hot, kral, Pass, Mine or quarry: 1 LANE
 - Horizontal control point: 1 LANE
 - Astronomic position: 1 LANE
 - Sand, Distorted surface: 1 LANE
 - Dunes: Crescent, Lateral, Ripple: 1 LANE
 - Dunes: Star, Transverse, Mound: 1 LANE
 - Mound, Cliff, Levee: 1 LANE

- HYDROGRAPHY**
- Underground aqueduct with shafts: 1 LANE
 - Small reservoir, Dry lake: 1 LANE
 - Sekha (Kewir), Intermittent lake: 1 LANE
 - Intermittent streams: Single, Double line: 1 LANE
 - Well: Perennial, Intermittent, Disappearing stream: 1 LANE
 - Spring, fountain, cistern, Dam, Salt evaporator: 1 LANE
 - Wadi: Land subject to inundation: 1 LANE

- TERRAIN ELEVATIONS**
- Spot elevation: Normal, Critical: 1 LANE
 - HIGHEST KNOWN ELEVATION is 10990 feet at the following coordinates: 35°00'N, 46°28'E
 - Grid: PD3474
 - ± following elevation value indicates accuracy is not within 105 feet.

- AERODROMES (Military or Civil)**
- Runway pattern known: EDNA/50V 725
 - EDNA-Name: 50-Length of longest runway to nearest hundreds of feet
 - 5-Soft or unimproved surface
 - 0-Unknown surface
 - 725-Elevation
 - Runway pattern unknown: 1 LANE

- HELPORT/HELIPAD**
- HELPORT/HELIPAD AT HOSPITAL: 1 LANE
 - HELPORT/HELIPAD AT HOSPITAL: 1 LANE

- RADIO AIDS TO NAVIGATION**
- VHF OMNI RANGE (VOR): 1 LANE
 - VORTAC: 1 LANE
 - TACAN: 1 LANE
 - VOR with DME: 1 LANE
 - Other facilities: 1 LANE

- RADIO FACILITIES**
- RADIO RANGE LF/MF: 1 LANE
 - MULTIPLE RADIO FACILITIES: 1 LANE
 - CONTROLLED AIRSPACE: 1 LANE
 - ADIZ: 1 LANE

- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction: 1108-Elevation of obstruction top, above sea level (259-Elevation of obstruction top, above ground level)
 - Group obstruction: 1 LANE
 - Radio facility obstruction: 1 LANE
 - Power transmission line: 1 LANE
 - Visual ground sign: 1 LANE
 - Aero light, Marine light: 1 LANE

- 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 21 SEPTEMBER 1998
 - Consult NOTAMS and Flight Information Publications for the latest air information on NOTAMS, Aeronautical Chart Updating Manual or NOTAMS (E) Aeronautical Chart Amendment document, for other chart revision information.

- MAGNETIC VARIATION FOR 1995 IS APPROXIMATELY 4° 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 (towers, antennas, etc.).
 - EXAMPLE: 12,500 feet

- LOCATION DIAGRAM**
- LOC INDEX SHOWN IN BLUE
 - WAC INDEX SHOWN IN RED/BROWN

- SCALE 1:250,000**
- AS SULAYMĀNIYAH, IRAQ; IRAN

- SERIES 1501 AIR SHEET NI 38-3 EDITION 3**

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CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1500	457	3000	914
1000	305	2000	609
900	274	1000	304
800	244	900	274
700	213	800	243
600	183	700	213
500	152	600	183
400	122	500	152
300	91	400	122
200	61	300	91
150	46	200	61
100	31	150	46

FOR REFERENCING, GRID AND GEOGRAPHIC VALUES MAY BE CONSIDERED AS EITHER EUROPEAN OR WGS DATUM SINCE POSITION PLOTTING DIFFERENCES ARE NOT SIGNIFICANT AT THIS SCALE.

SAMPLE 1000 METER GRID SQUARE

SAMPLE 1,000 METER REFERENCE

- Read letters identifying the 10000 meter square in which the point lies.
- Read large number (labeling the VERTICEL) and the left of grid.
- Estimate tenths (1,000 meters) from grid line to point.
- Read large number (labeling the HORIZONTEL) and the right of grid.
- Estimate tenths (1,000 meters) from grid line to point.

Example: AB1234

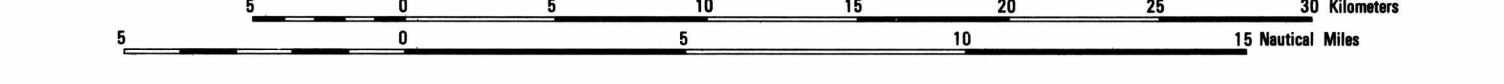
WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

Example: 38SAB1234

Prepared and published by the National Imagery and Mapping Agency. Compiled 1986. Revised November 1997.

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000



CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 38 WORLD GEODETIC SYSTEM.

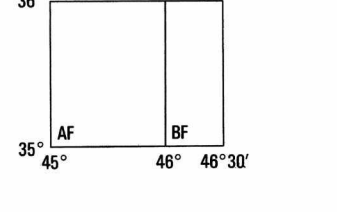
USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0089, COMMERCIAL 314-263-4884, DSN 883-4884, OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP L-88, 4600 ANAPIM ROAD, BETHESDA, MD 20818-5003.

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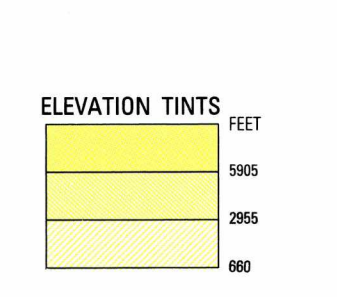
ELEVATIONS IN FEET

- GLOSSARY**
- Ab stream
 - Av stream
 - Aw stream, river, wadi
 - Bah lake, marsh
 - Bah spur, ridge
 - Bah lake
 - Ch depression
 - Ch stream, wadi
 - Digh mountain, peak
 - Dih stream, wadi
 - Durb valley
 - Dih stream, wadi
 - Kil monolith
 - Kil mountain
 - Kil mountain
 - Kil mountain
 - Kil mountain
 - Kil hill
 - M first-order administrative division
 - Nahr canal, stream
 - Osht first-order administrative division
 - R stream
 - Sh stream
 - Su stream
 - Tang stream

GEOREF BASIC 15° QUADRANGLE RJ



ELEVATION TINTS



RELIABILITY OF THIS GRAPHIC

(as determined by standard practices)

GRAPHIC FEATURE	DATE OF INFORMATION
All features	See diagram

Horizontal Datum: World Geodetic System
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) wide.

THE REPRESENTATION OF BOUNDARIES IS NOT NECESSARILY AUTHENTICATIVE.

ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.

Road classification should be referred to with caution.

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