

SERIES 1501 AIR SHEET NI 39-15 EDITION 5

POPULATED PLACES
 Over 100,000
 50,000 - 100,000
 10,000 - 50,000
 2,000 - 10,000
 Less than 2,000

ROADS
 Dual highway
 All weather, hard surface
 More than two lanes wide
 Two lanes wide
 One lane wide
 All weather, loose or light surface
 More than two lanes wide
 Two lanes wide
 One lane wide
 Fair or dry weather, loose surface
 Cart track
 Footpath, trail
 Route marker, interchange

RAILROADS
 Normal gauge, single track 4'8 1/2" (1.44m)
 Normal gauge, double track, narrow gauge

BOUNDARIES
 International
 First-order administrative

VEGETATION
 Woods: Orchard, vineyard, Scattered trees

OTHER FEATURES
 Area name
 School, Church, Landmark feature
 Cemetery, Mosque, Moslem shrine
 Ruins, Watermill, Mine or quarry
 Streams: Perennial, Intermittent, disappearing
 Small reservoir or cistern, Dam, Lake
 Well, Perennial, Intermittent, Spring
 Intermittent lake, Sabkha, dry lake
 Underground aqueduct with shafts
 Filtration beds, Wadi, Ditches
 Mound, Levee
 Sand

TERRAIN ELEVATIONS
 Spot elevation: Normal, Critical
 HIGHEST KNOWN elevation is 10738 feet at the following coordinates:
 Geographic 32°53'N, 52°24'E
 Grid XS3139

AERODROMES (Military or Civil)
 Runway pattern known
 EDNA - Name
 50 - Length of longest runway to nearest hundreds of feet
 S - Soft or unimproved surface
 725 - Elevation
 Runway pattern unknown

HELIPORT/HELIPAD
 RADIO FACILITIES
 RADIO RANGE LF/MF
 MULTIPLE RADIO FACILITIES

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

CONTROLLED AIRSPACE
 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 28 MAY 1993
 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°00' 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, antennas, etc.)
 EXAMPLE: 12,300 feet

LOCATION DIAGRAM
 (DNC INDEX SHOWN IN BLUE)
 (WAC INDEX SHOWN IN RED-BROWN)

CONVERSION OF ELEVATIONS

SCALE 1:250,000
 EŞFAHAN, IRAN

SERIES 1501 AIR SHEET NI 39-15 EDITION 5

SERIES 1501 COMPANION SHEET IS EDITION 2

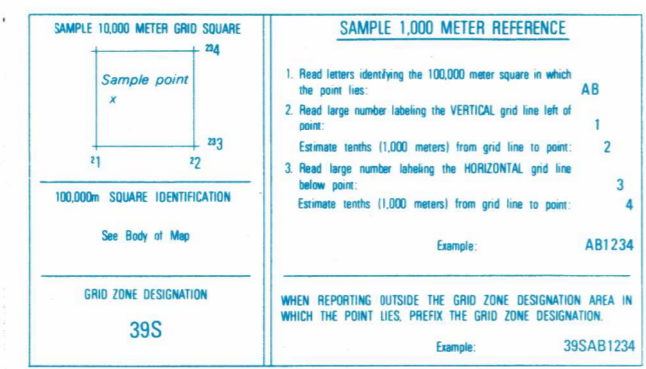
Prepared and published by the National Imagery and Mapping Agency, Compiled July 1991, Revised March 1998.



CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	2000	609
1500	457	2500	762
2000	609	3000	914
2500	762	3500	1067
3000	914	4000	1219
3500	1067	4500	1372
4000	1219	5000	1524
4500	1372	5500	1676
5000	1524	6000	1829
5500	1676	6500	1981
6000	1829	7000	2134
6500	1981	7500	2286
7000	2134	8000	2438
7500	2286	8500	2591
8000	2438	9000	2743
8500	2591	9500	2896
9000	2743	10000	3048
9500	2896		
10000	3048		

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



JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000
 ELEVATIONS IN FEET
 CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 39, WORLD GEODETIC SYSTEM ELLIPSOID.

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO:
 (US USERS) NIMA CUSTOMER HELP DESK: 1-800-450-9898 COMMERCIAL: 1-314-390-9032, DSN 490-5032, OR WRITE TO:
 ATTN: COD, MAIL STOP P-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANGAMON ROAD, BETHESDA, MD 20816-5003
 (UK USERS) DIRECTORATE OF MILITARY SURVEY, MINISTRY OF DEFENCE, ELMDWOOD AVENUE, FELTHAM, MIDDLESEX TW13 7AH.

GLOSSARY

- Chah well
- Cheshmeh spring
- Gardaneh pass
- Koh mountain
- Nahr stream
- Ostan first-order administration division
- Qaleh village, fort
- Rud stream
- Rudkhaneh stream
- Tall mountain, hill
- Tappeh mountain, hill

RELIABILITY OF THIS GRAPHIC

(as determined by standard practices)
 1999 1997
 PLOTTING ACCURACY 90% ASSURANCE
 Horizontal within 727 ft.
 Contours within 132 ft.
 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) in width.
 Road classification should be referred to with caution.
 BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITATIVE.
 ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.

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