SERIES 1501 AIR
SHEET NJ 38-04
EDITION 5

SERIES 1501 COMPANION SHEET IS EDITION 5

POPULATED PLACES
Over 100,000 — TEHRĀN
50,000 to 100,000 — XANKĀNDI
10,000 to 50,000 — Ballıca
2,000 to 10,000 — Füzuli
Less than 2,000 — Mollâlü

ROADS
Dual Highway — 4 LANES DUAL
All weather, hard surface
More than two lanes wide — 4 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 tracks
Footpath, trail
Route marker — 50

RAILROADS
Normal gauge, single track 1.44m (4'8½); Double track
Normal gauge, single track electrified
Narrow gauge

BOUNDARIES
International
First order administrative division

VEGETATION
Orchard or vineyard
Woods

HYDROGRAPHY
Perennial Lake
Land subject to innundation
Filtration bed; Marsh or swamp
Perennial stream; Intermittent stream; Dam
Canal; Perennial ditches; Intermittent ditch

OTHER FEATURES
Mine
Building; School; Church
Well; Tank
Pipeline; Water pipeline
Mountain pass
Bridge; Culvert
Conveyor
Distorted surface

TERRAIN ELEVATIONS
Spot elevation, normal; critical — 3966 · 8785
HIGHEST KNOWN elevation is 9247 feet at the following coordinates:
Geographic 39°54'N, 46°31'E
Grid PK2917

AERODROMES (Military or Civil)
Runway pattern known — FDNA/50/s 725
FDNA–Name
50–Length of the longest runway to nearest hundreds of feet
s–Soft or unimproved surface
u–Unknown surface
725–Elevation
Runway pattern unknown
HELIPORT/HELIPAD

RADIO FACILITIES
VHF OMNI RANGE (VOR)
VOR with DME
VORTAC
Other Facilities
TACAN

CONTROLLED AIRSPACE
ADIZ — IRAN ADIZ

VISUAL AIDS AND OBSTRUCTIONS
Obstruction — 1108 (259)
1108–Elevation of obstruction top, above sea level.
(259)–Elevation of obstruction top, above ground level.
Group obstruction
Radio facility obstruction
Power transmission line
Power transmission line obstruction — >46m
Aero light, Marine light

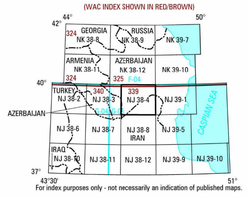
MAGNETIC VARIATION THROUGHOUT CHART AREA
FOR 2005 IS APPROXIMATELY 5° EAST
(Annual rate of change 5' increase)

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: 12,500 feet 12⁵

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
7 DECEMBER 2006
Consult NOTAMS and Flight Information Publications for the latest air information: the NGA Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.

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



For index purposes only - not necessarily an indication of published maps.

SCALE 1:250,000
XANKĀNDI, AZERBAIJAN;
ARMENIA; IRAN

SERIES 1501 AIR
SHEET NJ 38-04
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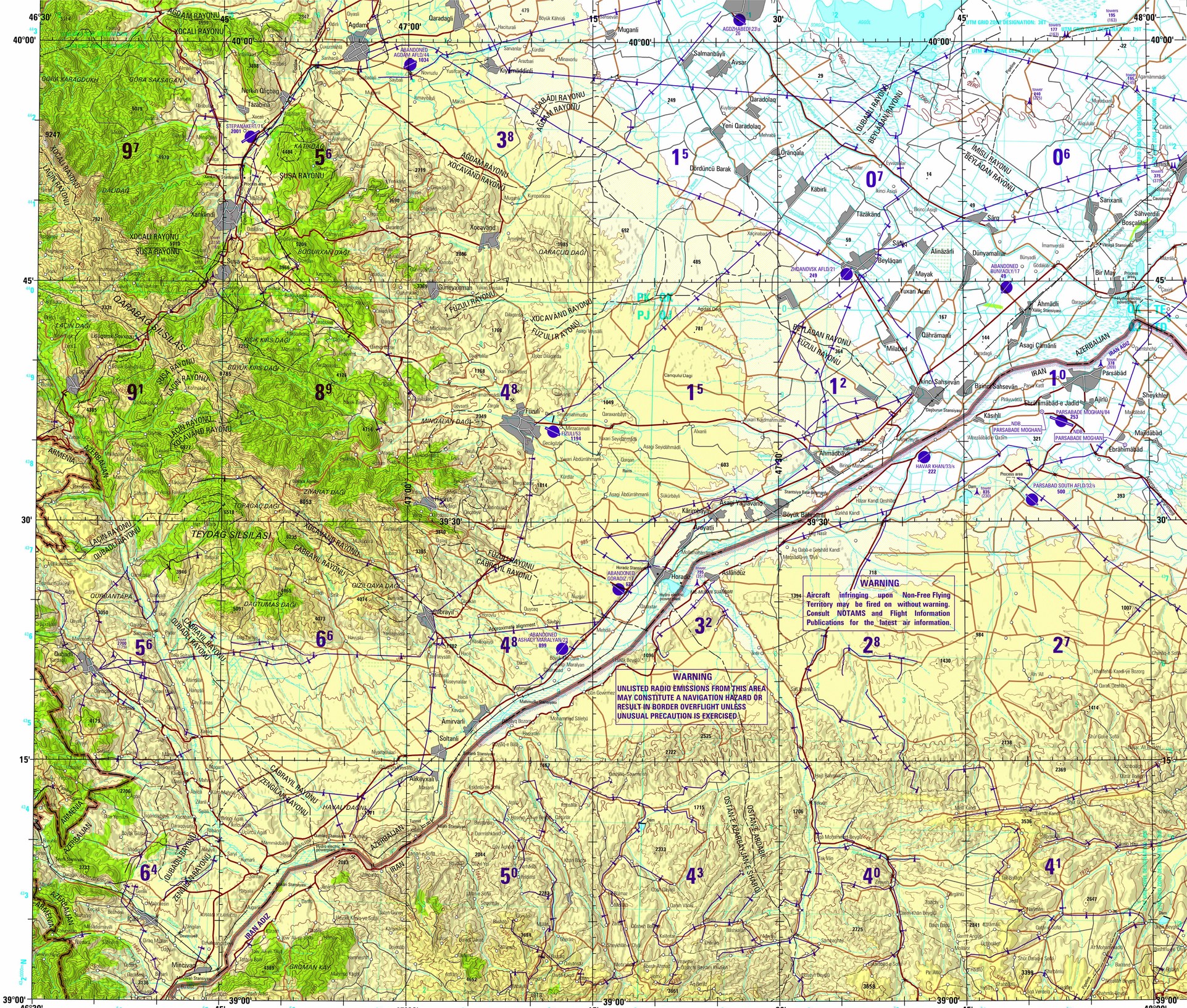
Prepared and published by the National Geospatial Intelligence Agency
MAP INFORMATION AS OF 2003

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



JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 330 FEET

COORDINATE CONVERSION WGS 84 TO EUROPEAN 1950 (EUR-H)
Grid: Subtract 13m E., Subtract 5m N.
Geographic: Subtract 0.6" Long., Subtract 0.1" Lat.

SAMPLE 10,000 METER GRID SQUARE
Sample Point
Y4
Y3
Y2
Y1
X1
X2
100,000-m SQUARE IDENTIFICATION
See Body of Map
GRID ZONE DESIGNATION
38T 39T
38S 39S
40°

SAMPLE 1,000 METER REFERENCE
1. Read letters identifying the 100,000 meter square in which the point lies: AR
2. Read large number labeling the VERTICAL grid line left of point: 1
Estimate tenths (1,000 meters) from grid line to point: 2
3. Read large number labeling the HORIZONTAL grid line below point: 3
Estimate tenths (1,000 meters) from grid line to point: 4
Example: AR1234
WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.
Example: 38SAR1234

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 38, WGS 84 ELLIPSOID

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA ENTERPRISE SERVICE CENTER: 800-455-0899; COMMERCIAL: 314-263-4864; DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003

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GLOSSARY

Āhār	first-order administrative division
Aġnım	pass
Çay	stream, intermittent stream
Chāy	stream
Dağ	hill, mountain
Düz	plain(s)
Goia	mountain
Göl	lake
Kanal	canal
Kanal	canalized stream
Mərz	first-order administrative division
Ostān	first-order administrative division
Qoruğ	nature reserve
Rayonu	first-order administrative division
Rkz'yord	railroad siding
Rud	stream
Silsilasi	mountains
Sovxoz	farm
Stonsiya	railroad station
Stunsiya	railroad station
Su Anbar	reservoir(s)
Su	stream
Tāpā	mountain
Yolaynci	railroad siding
Zirvə	peak

ELEVATION TINTS

FEET
8860
2955
660
330
BSL

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

2004	
2003	
PLOTTING ACCURACY 90% ASSURANCE	
Horizontal ..... within 1084 ft.	
Contours ..... within 199 ft.	
GRAPHIC FEATURE	DATE OF INFORMATION
All features ..... See diagram	

Horizontal Datum: WORLD GEODETIC SYSTEM 1984
Vertical Datum: MEAN SEA LEVEL
Transverse Mercator Projection

NOTES
Powerlines are shown except within populated places tints. Other obstructions are shown if they are 150 feet or more above ground level. See caution note.

Boundary representation is not necessarily authoritative.

On this graphic a lane is considered to be 8 feet (2,5 meters) in width.

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