

SERIES 1501 AIR SHEET N1 39-4 EDITION 3

POPULATED PLACES

- Over 100,000 **TEHRAN**
- 50,000 to 100,000 **KERMAN**
- 10,000 to 50,000 **Khorramshahr**
- 2,000 to 10,000 **Fariman**
- Less than 2,000 **Bostanabad**

ROADS

4 LANES DUAL

- All weather, hard surface
- More than two lanes wide
- Two lanes wide
- One lane wide

3 LANES

- 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

RAILROADS

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

BOUNDARIES

- International
- First order administrative

OTHER FEATURES

- Area Name
- Mine or quarry, Cave
- Landmark feature or object
- School, Church, Mosque
- Well, Tank
- Well: Perennial, Intermittent
- Spring, fountain or cistern
- Underground aqueduct with shafts, Siphon (Karez)
- Wadi: Intermittent lake
- Marsh or swamp: Land subject to inundation
- Mound, Levee
- Distorted surface: Sand
- Dunes: Ripple, Crescent, Lateral
- Horizontal control point

VEGETATION

- Woods: Scattered trees
- Orchard, plantations, vineyards

TERRAIN ELEVATIONS

- Spot elevation normal, critical
- HIGHEST KNOWN elevation is **13195** feet at the following coordinates:
- Geographic: **35°57'N 52°31'E**
- Grid: **107 114**
- following elevation value indicates accuracy is not within 100 feet

AERODROMES (Military or Civil)

EDNA's/9's **725**

Runway pattern known

- EDNA-Name
- 50-Length of longest runway to nearest hundreds of feet
- S-Soil or unimproved surface
- L-Asphalt surface
- 725-Elevation

Runway pattern unknown

HELIPORT/HELIPAD

HELIPORT/HELIPAD AT HOSPITAL

RADIO AIDS TO NAVIGATION

- VOR (OMNI RANGE) (VOR)
- VORTAC
- TACAN
- VOR with DME
- Other facilities

RADIO FACILITIES

- RADIO RANGE LF/MF
- NDB-RING
- PARIS

MULTIPLE RADIO FACILITIES

CONTROLLED AIRSPACE

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

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 location or height is exact.

CAUTION

AIR INFORMATION CURRENT THROUGH 15 APRIL 1985

Consult NOTAMS and Flight Information Publications for the latest information; the 000 Aeronautical Chart (Edition Mamm) or AED (1:1) Aeronautical Chart Amendment document for other chart revision information.

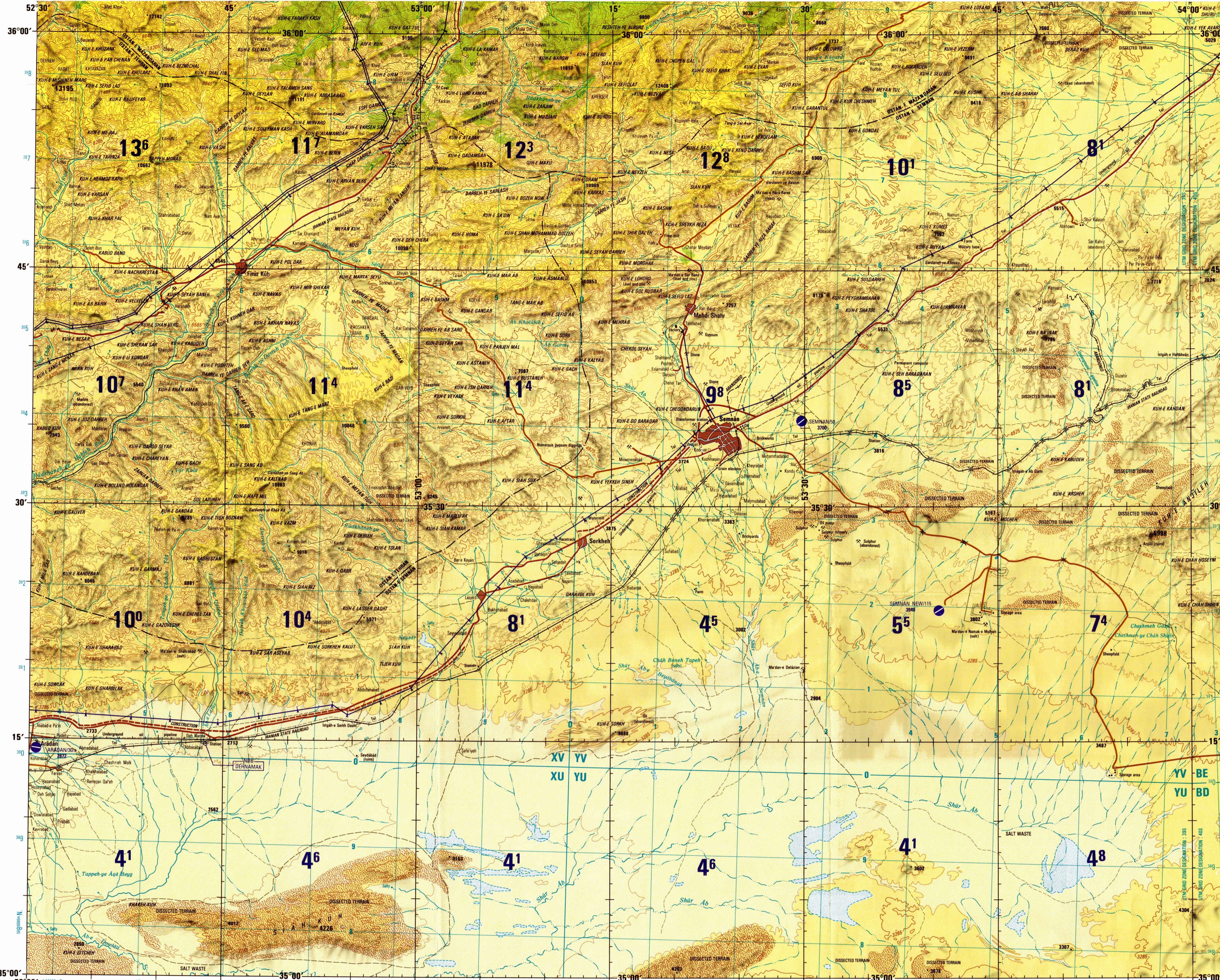
MAGNETIC VARIATION FOR 1985 IS APPROXIMATELY 3 1/2° EAST OVER THE ENTIRE AREA (Annual rate of change 1" increase)

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.).

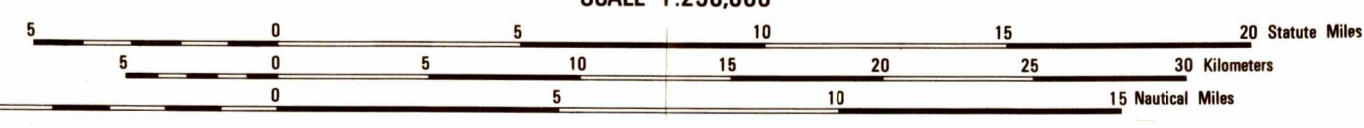
EXAMPLE: 12,500 feet **125**



Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C. Compiled in November 1987.

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 ELLIPSOID

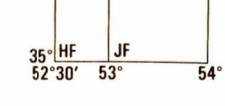
USERS SHOULD REFER CORRECTIONS, ADDITIONS AND COMMENTS FOR IMPROVING THIS PRODUCT TO: (US Users): Director, Defense Mapping Agency, ATTN: PR, 8613 Lee Highway, Fairfax, VA 22031-2137. (UK Users): Directorate of Military Survey, Ministry of Defense, Elmwood Avenue, Farnham, Middlesex, England TW13 7AE.

GLOSSARY

- Ab stream
- Band mountain
- Chah well
- Chahneh spring
- Dar valley
- Darreh village
- Dasht plain
- Dah hillside
- Emarsandeh shrine
- Garandeh pass
- Guzar ford
- Hasht 8
- Kuh mountain
- Makdan mine
- Qutan first order administrative division
- Qaleh hill
- Pushah peak
- Rud stream
- Rudbar mountain range
- Rudkhaneh stream
- Tang valley pass
- Tapeh hill

GEOREF

BASIC 15' QUADRANGLE



RF

RF

RF

RF

RF

RF

RF

NOTES

Powerlines are shown except with populated place tints. Other obstructions are shown if they are 200 feet or more above ground level. See caution note.

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITY.

On this graphic a lane is generally considered being 8 feet (2.5 meters) in width.

ADMINISTRATIVE DIVISION BOUNDARIES ARE APPROXIMATE.

Names for symbolized populated places are omitted where information is not available or where density of detail does not permit their inclusion.

RELIABILITY OF THIS GRAPHIC

(as determined by standard practices)

PLOTTING ACCURACY 90% ASSURANCE

Horizontal within 670 feet

Vertical within 115 feet

Date of information 1987

Road information not verified. Graphic not field checked.

Horizontal Datum: World Geodetic System

Vertical Datum: Mean Sea Level

Projection: Transverse Mercator Projection

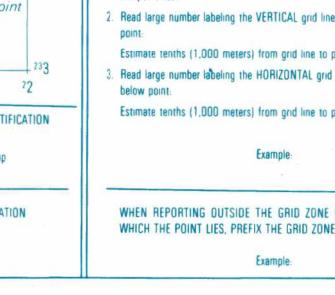
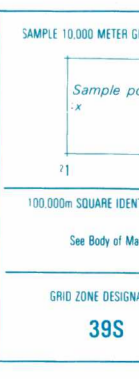
CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	20000	6096
900	274	10000	3048
800	244	9000	2743
700	213	8000	2438
600	183	7000	2134
500	152	6000	1829
400	122	5000	1524
300	91	4000	1219
200	61	3000	914
150	46	2000	610
100	31	1500	457
50	15	1000	305

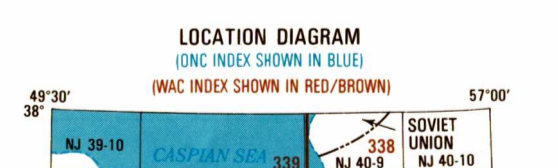
COORDINATE CONVERSIONS WGS TO ED

Grid: Subtract 8m E, Add 180m N

Geographic: Subtract 0° 8' Long, Add 3° 8' Lat



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



IRAN	INDIAN OCEAN	SOVIET UNION
N1 38-10	N1 38-15	N1 40-10
N1 39-14	N1 39-19	N1 41-14
N1 39-2	N1 39-7	N1 40-2
N1 39-6	N1 39-11	N1 40-6
N1 39-10	N1 39-15	N1 41-0
N1 39-14	N1 39-19	N1 41-4

DISTRIBUTION LIMITED—DESTROY WHEN NO LONGER NEEDED

SCALE 1:250,000 SEMNAN, IRAN

SERIES 1501 AIR SHEET N1 39-4 EDITION 3

SERIES 1501 COMPANION SHEET IS EDITION 2

1501ANI3904

ED NO 003

DMA STOCK NO. 1501ANI3904