

SERIES 1501 AIR SHEET NI 38-8 EDITION 5

**POPULATED PLACES**

- Over 100,000: TEHRAN
- 50,000-100,000: KERMAN
- 10,000-50,000: Khorramshahr
- 2,000-10,000: Fariman

**ROADS**

- Dual highway: 4 LANE ROAD
- All weather, hard surface: 4 LANE ROAD
- More than two lanes wide: 4 LANE ROAD
- Two lanes wide: 4 LANE ROAD
- One lane wide: 4 LANE ROAD
- All weather, loose or light surface: 3 LANE ROAD
- More than two lanes wide: 3 LANE ROAD
- Two lanes wide: 3 LANE ROAD
- One lane wide: 3 LANE ROAD
- Fair or dry weather, loose surface: 3 LANE ROAD
- Cart track: 3 LANE ROAD
- Footpath, trail: 3 LANE ROAD
- Route marker: 3 LANE ROAD
- Bridge: Double line road, Single line road: 3 LANE ROAD

**RAILROADS**

- Normal gauge 1.44m (4'8 1/2"): Single track, Multiple track
- Station position: Known, Unknown
- Narrow gauge: Single track, Multiple track

**BOUNDARIES**

- International
- First-order administrative division

**VEGETATION**

- Woods: Tropical grass
- Scattered trees: Orchard, plantations, vineyards

**OTHER FEATURES**

- Area name: ROAD
- School: Church, Mosque
- Landmark: Feature or object
- Tank: Well, Well, Fence
- Pass: Mine or quarry
- Horizontal control point
- Astronomic position
- Sand: Distorted surface
- Dunes: Crescent, Linear, Ripple
- Dunes: Star, Transverse, Mound
- Cliff: Tower

**HYDROGRAPHY**

- Underground aqueduct with shafts
- Small reservoir, Dry lake
- Sabkha (Kavir): Intermittent lake
- Intermittent streams: Single, Double line
- Well: Perennial, Intermittent, Disappearing stream
- Spring, fountain, cistern: Dam, carrying road
- Wadi: Land subject to inundation
- Rice paddy: Marsh or swamp

**TERRAIN ELEVATIONS**

- Spot elevation: Normal, Critical
- HIGHEST KNOWN elevation is 11,286 feet at the following coordinates: Geographic 34°24'N 47°14'E, Grid QD0510
- ± following elevation value indicates accuracy is not within 100 feet.

**AERODROMES (Military or Civil)**

- Runway pattern known: EDNA/504, 725
- EDNA-Name
- 50-Length of longest runway to nearest hundreds of feet
- s-Soft or unimproved surface
- u-Unknown surface
- 725-Elevation
- Runway pattern unknown

**HELIPORT**

**RADIO FACILITIES**

- RADIO RANGE LF/MF: RING, MOUNT
- MULTIPLE RADIO FACILITIES: NDB, RING LA HABANA
- RADIO AIDS TO NAVIGATION: VOR with DME, VORTAC, TACAN

**CONTROLLED AIRSPACE**

**ADIZ**

**VISUAL AIDS AND OBSTRUCTIONS**

- Obstruction: 1100 (250)
- 1100-Elevation of obstruction top, above sea level.
- (250)-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 are exact.

**CAUTION**  
**AIR INFORMATION CURRENT THROUGH 10 NOVEMBER 1992**  
 Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD (U. K.) Aeronautical Chart Amendment document, for other chart revision information.

**MAGNETIC VARIATION FOR 1990 IS APPROXIMATELY 3° EAST OVER THE ENTIRE AREA**  
 (Annual rate of change, 1' decrease)

**LOCATION DIAGRAM**  
 (WAC INDEX SHOWN IN RED SPINNERS)

NJ 38-14	NJ 38-9	NJ 38-10	NJ 38-13	NJ 38-14
340	339	340	339	340
NJ 38-2	NJ 38-8	NJ 38-4	NJ 38-1	NJ 38-2
427	428	427	428	427
IRAD	NJ 38-6	NJ 38-8	NJ 38-5	NJ 38-6
427	428	427	428	427
NJ 38-15	NJ 38-12	NJ 38-12	NJ 38-9	NJ 38-10
427	428	427	428	427
NJ 38-14	NJ 38-10	NJ 38-10	NJ 38-13	NJ 38-14
427	428	427	428	427

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Bethesda, MD, Compiled February 1992.



**CONVERSION OF ELEVATIONS**

FEET	METERS	FEET	METERS
1000	305	1000	305
900	274	800	244
800	244	700	213
700	213	600	183
600	183	500	152
400	122	300	91
200	61	100	30
100	31	100	31

**THE DATUM AND ELLIPSOID FOR THIS MAP HAVE CHANGED FROM PREVIOUS EDITIONS FOR ADJACENT AND OVERLAPPING SHEETS. THERE ARE NO SIGNIFICANT CHANGES IN GRID OR GEOGRAPHIC VALUES AT THIS SCALE.**

**EXAMPLE 1,000 METER REFERENCE**

- Read values identifying the 1000 meter square in which the spot lies.
- Read spot number (above the VERTICAL grid line left of spot).
- Remove number (1000) nearest from grid line to spot.
- Read spot number (above the HORIZONTAL grid line to spot).
- Remove value (1000) nearest from grid line to spot.

**GRID ZONE DESIGNATION**

38S

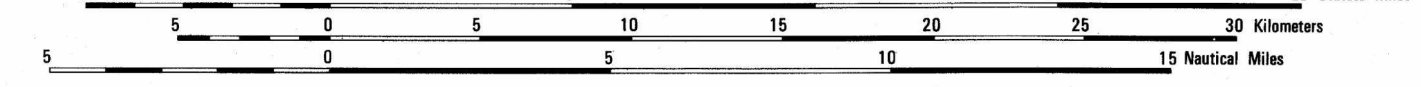
**WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE SPOT LIES, PREFIX THIS GRID ZONE DESIGNATION.**

Example: 48J234

Example: 38S41234

**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 1984 ELLIPSOID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-852-6868, COMMERCIAL 314-261-4864, OR WRITE TO: DIRECTOR, NATIONAL MAPS AND MAPPING AGENCY, ATTN: ES, MAIL STOP L-88, 8600 SANGAMORE ROAD, BETHESDA, MD 20815-5003.

**GLOSSARY**

- Ab: stream
- Chm: stream
- Chmsh: spring
- Em: stream
- Khr: stream
- KD: mountain
- Kuh: mountain
- Ordn: first order administrative division
- Rd: stream
- Rsk: stream
- SU: stream
- Tang: stream

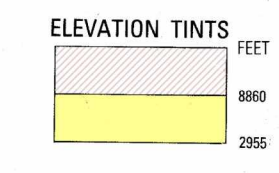
**RELIABILITY OF THIS GRAPHIC**

(as determined by standard practices)

**PLOTTING ACCURACY 90% ASSURANCE**

- Horizontal: within 135 ft.
- Vertical: within 108 ft.
- Date of information: 1984

Horizontal Datum: World Geodetic System 1984  
 Vertical Datum: Mean Sea Level  
 Transverse Mercator Projection



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

EXAMPLE: 12,000 feet.

**125**

**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 chart.
- On this graphic a line is generally considered as being 8 feet (2.5 meters) in width.
- Road classifications should be referred to with caution.
- Boundary representation is not necessarily authoritative.
- DEPARTMENT OF INTERNATIONAL BOUNDARIES HAS BEEN CHANGED SINCE THE LAST EDITION.

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