SERIES 1501 AIR
SHEET NI 41-3
EDITION 2

SERIES 1501 COMPANION SHEET IS EDITION 2

**POPULATED PLACES**

- First importance ..... KĀBUL
- Second importance ..... SHEBERGHĀN
- Third importance ..... Khadir
- Fourth importance ..... Sinay
- Fifth importance ..... Sorkhak

**ROADS**

- Dual highway ..... 4 LANES DUAL
- All weather, hard surface
  - More than two lanes wide ..... 3 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 track
- Footpath, trail
- Route marker ..... 50

**RAILROADS** — Single track / Multiple track

- Normal gauge 1.52m (5')
- Narrow gauge

**BOUNDARIES**

- International
- First-order administrative division

**OTHER FEATURES**

- Landmark, Mosque; School; Mine
- Nomad camp; Pen; Horizontal control point
- Escarpment
- Sand; Gravel; Mud pans
- Dunes: Crescent; Lateral; Ripple; Mounds
- Area name ..... MANTAQA-I-SUKĀLŌK

**VEGETATION**

- Scattered trees
- Orchard; Vineyard

**HYDROGRAPHY**

- Underground aqueduct with shafts
- Reservoir; Spring; Well
- Sebkha
- Intermittent lake; Dry lake
- Land subject to inundation; Swamp
- Glacier; Glacial moraine

**TERRAIN ELEVATIONS**

Spot elevation: normal; critical ..... *8339 *10663

HIGHEST KNOWN elevation is **11581** feet at the following coordinates:
- Geographic ..... 35°22'N. 64°20'E.
- Grid ..... PV2215

±following elevation value indicates accuracy is not within 100 feet

**AERODROMES (Military or Civil)** — EDNA/50/s

Field limits with runway pattern ..... 725

EDNA-Name
50-Length of longest runway to nearest hundreds of feet
s-Soft or unimproved surface
u-Unknown surface
725-Elevation

- Field limits, with runway pattern unknown
- Field limits unknown, with runway pattern
- Field limits and runway pattern unknown
- HELIPORT

**RADIO FACILITIES**

- RADIO RANGE LF/MF ..... RNG HURN
- MULTIPLE RADIO FACILITIES ..... NDB-RNG PARIS

**CONTROLLED AIRSPACE**

- ADIZ ..... ATLANTIC ADIZ

**VISUAL AIDS AND OBSTRUCTIONS**

- Obstruction ..... 1108 (259)
  1108-Elevation of obstruction trip. above sea level.
  (259)-Elevation of obstruction top. above ground level.
- Group obstruction
- Radio facility obstruction
- Power transmission line
- Visual ground sign ..... M
- Aero light; Marine light

**CAUTION**

**AIR INFORMATION CURRENT THROUGH**
01 JULY 1981
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.

LINES OF EQUAL MAGNETIC VARIATION FOR 1980
(Annual rate of change 1' increase)

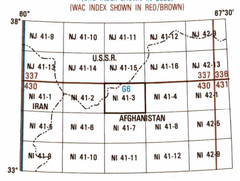
**ATTENTION**

**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

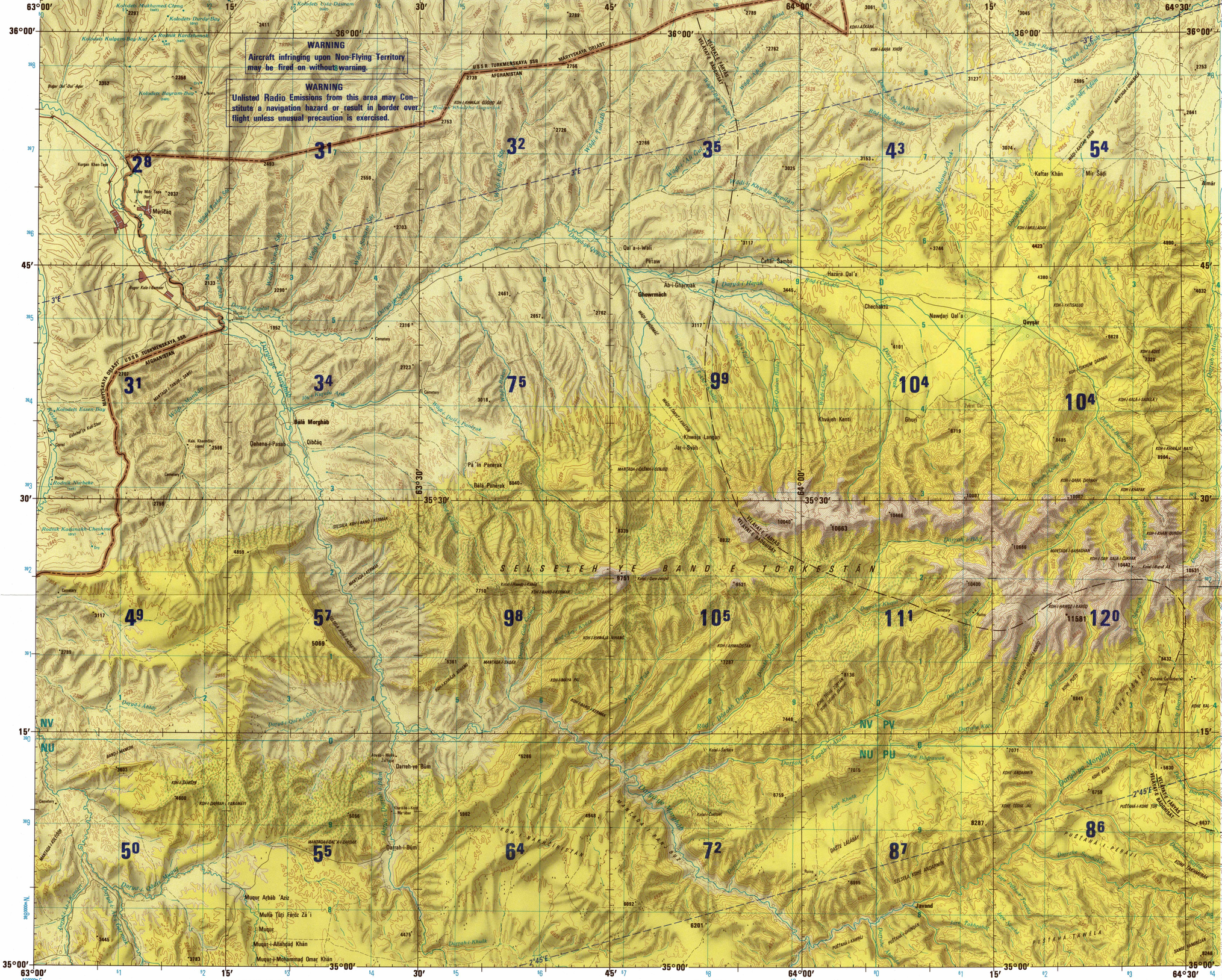
LOCATION DIAGRAM
(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)




# SCALE 1:250,000
# BĀLĀ MORGHĀB
# AFGHANISTAN; U.S.S.R.

SERIES 1501 AIR
SHEET NI 41-3
EDITION 2

SERIES 1501 COMPANION SHEET IS EDITION 2




ELEVATIONS IN FEET

ELEVATIONS IN FEET

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.
Compiled May 1981.

# JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

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

CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 41, INTERNATIONAL SPHEROID

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4084; DSN 693-4084; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN.: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

**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 |

SAMPLE 10,000 METER GRID SQUARE

Sample point

100,000m SQUARE INDENTIFICATION

See Body of Map

GRID ZONE DESIGNATION
41S

SAMPLE 1,000 METER REFERENCE

1. Read letters identifying the 100,000 meter square in which the point lies: AB
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: AB1234

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

Example: 41SAB1234

**GLOSSARY**

- Āsyāb ..... watermill
- Bugor ..... knoll
- Darreh(e) ..... valley
- Darya, Ūzeyā ..... stream
- Dašt(e) ..... desert, plain
- Deh ..... settlement
- Jaq(e) ..... stream
- Jōy ..... stream
- Kharāba ..... ruined
- Koh(e) ..... hill, mountain, mountain range
- Kolodets ..... well
- Kotal ..... pass, saddle
- Mantaqa ..... area, region
- Oblast' ..... second-order administrative division
- Pušta ..... hill, mountain, ridge
- Puštahā ..... hills, mountains, ridges
- Rōd ..... stream
- Rodnik ..... spring
- Salsela koh; selseleh-ye band ..... mountain range
- S.S.R. ..... first-order administrative division
- Ushchel'ye ..... gorge
- Velāyat ..... first-order administrative division
- Wadi ..... stream, valley

GEOREF
BASIC 15° QUADRANGLE
SJ

36° 35° 63° 64° 64°30' DF EF

ELEVATION TINTS

FEET
8860
2955
660

**RELIABILITY OF THIS GRAPHIC**

Compiled from best available source materials.

Horizontal Datum: Hearat North
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

182 Primed by the Defense Mapping Agency, Hydrographic/Topographic Center
Reprinted by NGA 5-06

**NOTES**

Only obstructions 200 feet or more above ground level are shown.

The information on obstructions is not necessarily complete.

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

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.

Powerline information and obstructions have been extracted from the most reliable source available. However, there is no assurance that all powerlines and obstructions are shown or that their locations and heights are correct.

Administrative division boundaries are approximate

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