

SERIES 1501
SHEET NM 46-6
EDITION 2

POPULATED PLACES

- Over 100,000 IRKUTSK
- 50,000 to 100,000 TULUN
- 10,000 to 50,000 Khlik
- 2,000 to 10,000 Kuna
- Less than 2,000 Tugla

ROADS

- All weather, hard surface
More than two lanes wide 4 LANES
- Two lanes wide
One lane wide
All weather, loose or light surface 3 LANES
- More than two lanes wide
Two lanes wide
One lane wide
Fair or dry weather, loose surface
Track or trail 2
- Route marker

RAILROADS

- Normal gauge 1.52m (5') Single Multiple
- Narrow gauge
Station, position unknown

BOUNDARIES

- International
- First-order administrative division
- Second-order administrative division
- Reservation

OTHER FEATURES

- Landmark feature or object
- Horizontal control point
- Levee
- Sand
- Dunes: Lateral, Ripple, Mounds
- Crescent, Star, Transverse

VEGETATION

- Woods: Orchard, Vineyard, Plantation

HYDROGRAPHY

- Swamp or marsh: Rice
- Intermittent lake: Dry lake
- Land subject to inundation
- Well: Spring
- Rocks: smooth
- Exposed wreck
- Reef
- Foreshore flats: Salt evaporator
- Depth curve

TERRAIN ELEVATIONS

- Spot elevation: Normal, Critical 504 1900
- HIGHEST KNOWN elevation is 2852 meters at the following coordinates:
Geographic: 50°38' N, 95°02' E
Grid: K80009
± following elevation value indicates accuracy is not within 30 meters

AERODROMES (Military or Civil)

- EDNA 221
- Field limits with runway pattern
EDNA Name
221-Elevation
- Field limits, with runway pattern unknown
- Field limits unknown, with runway pattern
- Field limits and runway pattern unknown

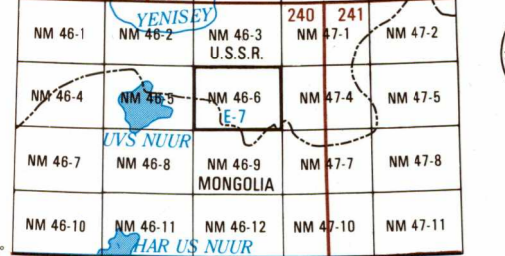
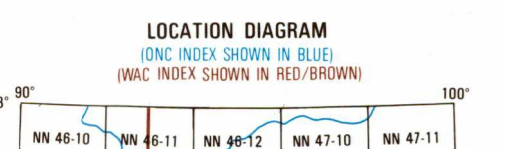
HELIPORT/HELIPAD

VISUAL AIDS AND OBSTRUCTIONS

- Obstruction
338 Elevation of obstruction top, above sea level.
(75) Elevation of obstruction top, above ground level.
- Group obstruction
- Radio facility obstruction
- Power transmission line

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.

1985 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 2 1/2° (40 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 1 1/2° (30 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE



Prepared and published by the Defense Mapping Agency
Hydrographic/Topographic Center, Washington, D.C.
Compiled in 1984.

CONVERSION OF ELEVATIONS

METERS	FEET	METERS	FEET
1000	3281	10000	32808
900	2953	9000	29529
800	2625	8000	26247
700	2297	7000	22966
600	1969	6000	19685
500	1641	5000	16404
400	1312	4000	13123
300	984	3000	9842
200	656	2000	6562
100	328	1000	3281

SAMPLE 1,000 METER GRID SQUARE

SAMPLE 1,000 METER REFERENCE

- Read across identifying the 100,000 meter square in which the point lies.
- Read down number labeling the VERTICAL grid line set of zone.
- Estimate tenths (1,000 meters) from grid line to point.
- Estimate tenths (1,000 meters) from grid line to point.

Example: AB1234

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

Example: 48UAB1234

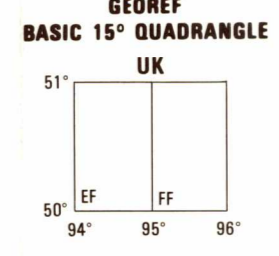
JOINT OPERATIONS GRAPHIC

SCALE 1:250,000
0 5 10 15 20 25 30 Statute Miles
0 5 10 15 20 25 30 Kilometers
0 5 10 15 Nautical Miles

CONTOUR INTERVAL 100 METERS
WITH SUPPLEMENTARY CONTOURS AT 50 METER INTERVALS

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 46, WORLD GEODETIC SYSTEM SPHEROID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0889; COMMERCIAL: 1-341-260-1226; OR WRITE TO: ATTN: CDD, NIMA STOP 87-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANDHURST ROAD, BETHESDA, MD 20815-5003.



RELIABILITY OF THIS GRAPHIC
Compiled from best available source materials.

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

GLOSSARY

- A.S.S.R. second-order administrative division
- Avyay first-order administrative division
- Et sand
- Gol stream
- Gomli mountain
- Kham river
- Khobok mountain range
- Naur lake
- Osro lake
- Perel lake
- R.S.F.S.R. first-order administrative division

NOTES

Powerlines are shown except within populated place limits. Other obstructions are shown if they are 51 meters or more above ground level. See caution note.
Figures along roads indicate approximate distances in kilometers.
In the U.S.S.R. a lane is generally considered as being 2.5 meters (8 feet) in width.
In Mongolia a lane is generally considered as being 2.44 to 4.88 meters (8 to 16 feet) in width.
Road classification should be referred to with caution.
ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE
THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHENTICATIVE.

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