SERIES 1501
SHEET NM 47-11
EDITION 1

POPULATED PLACES
First importance ..... ULAANBAATAR
Second importance ..... CHOYBALSAN
Third importance ..... Mörön
Fourth importance ..... Dzanïn Üüd
Fifth importance ..... Salgar

ROADS
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
Two lanes wide
One lane wide
Fair or dry weather, loose surface
Track or trail
Route marker 2

RAILROADS — Single track / Multiple track
Normal gauge 1.44m (4'8½")
Narrow gauge
Station, position unknown

BOUNDARIES
International
First-order administrative division
Reservation

OTHER FEATURES
Landmark feature; Nomadic camp or corral; Mine
Horizontal control point
Levee
Sand
Dunes: Lateral; Ripple; Mounds;
Crescent; Star; Transverse

VEGETATION
Woods

HYDROGRAPHY
Swamp or marsh; Rice
Intermittent lake; Dry lake
Land subject to inundation
Well; Spring
Intermittent streams: Single; Double line
Disappearing stream
Wadi; Sabkha

TERRAIN ELEVATIONS
Spot elevation, Normal; Critical ..... •504 *1900
HIGHEST KNOWN elevation is 3210 meters at the following coordinates:
Geographic ..... 48°04' N, 98°31'E
Grid MP6525
The accuracy of all elevations shown on this graphic is not within 30 meters.

ELEVATIONS IN METERS

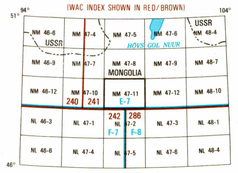
ELEVATIONS IN METERS

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 ½° (10 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO ½° (10 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE.

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



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SCALE 1:250,000
TOSONTSENGEL, MONGOLIA

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Prepared and published by the Defense Mapping Agency
Hydrographic / Topographic Center, Washington, D.C.
Compiled July 1983.

CONVERSION OF ELEVATIONS

METERS	FEET	METERS	FEET
1000	3281	10000	32808
900	2953	9000	29528
800	2625	8000	26247
700	2297	7000	22966
600	1969	6000	19685
500	1640	5000	16404
400	1312	4000	13123
300	984	3000	9842
200	656	2000	6562
150	492	1500	4921
100	328	1000	3281

SAMPLE 10,000 METER GRID SQUARE
Sample point
100,000m SQUARE IDENTIFICATION
See Body of Map
GRID ZONE DESIGNATION
47U

SAMPLE 1,000 METER REFERENCE
1. Read tenths identifying the 100,000 meter square in which the point lies: A8
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: A81234
WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.
Example: 47UA81234

JOINT OPERATIONS GRAPHIC

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

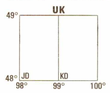
CONTOUR INTERVAL 100 METERS

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 47, WORLD GEODETIC SYSTEM SPHEROID

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0889; COMMERCIAL 1-314-260-1236; DSN 490-1236; OR WRITE TO: ATTN: CCO, MAIL STOP P-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

GLOSSARY
Aymag ..... first-order administrative division
Gol ..... stream
Nuruu ..... mountain range
Nuur ..... lake

GEOREF
BASIC 15° QUADRANGLE



RELIABILITY OF THIS GRAPHIC
Compiled from best available source materials.

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

Reprinted by NIMA 3-98

NOTES

Road classification should be referred to with caution.

On this graphic a lane is generally considered to be 2.44 to less than 5.5 meters (8 to less than 18 feet) in width.

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

ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.

The reliability of vegetation information is undetermined.

Figures along roads indicate approximate distances in kilometers.

Powerlines are shown except within populated place tints. Other obstructions are shown if they are 61 meters or more above ground level. See caution note.

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.

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