

SERIES 1501
SHEET NL 48-1
EDITION 1

- POPULATED PLACES**
- First importance: ULAANBAATAR
 - Second importance: CHOYBALSAN
 - Third importance: MORON
 - Fourth importance: Dzinin Uud
 - Fifth importance: Salgar
- ROADS**
- All weather, hard surface: 3 LANES
 - Two or more lanes: 3 LANES
 - One lane: 3 LANES
 - All weather, loose or light surface: 3 LANES
 - Two or more lanes: 3 LANES
 - One lane: 3 LANES
 - Fair or dry weather, loose surface: 3 LANES
 - Track or trail: 3 LANES
- RAILROADS**
- Normal gauge 1.52 m (5') Single track
 - Narrow gauge: Multiple track
 - Station, approximate location: K'A-MU
- BOUNDARIES**
- International: ---
 - First order administrative division (Aymag): ---
 - Reservation: ---
- VEGETATION**
- Woods: ---
- HYDROGRAPHY**
- Rice paddy, land subject to inundation: ---
 - Well, Perennial, Intermittent: ---
 - Intermittent stream: Single, Double line
 - Disappearing stream, Swamp or marsh: ---
 - Intermittent lake, Wet sand, Sabkha: ---
 - Glaciers, Snowfield: ---
 - Horizontal control point, Landmark, Mine: ---
 - Levee, Sand: ---
 - Dunes, Crescent, Lateral, Ripples: ---
 - Area name: ---
- TERRAIN ELEVATIONS**
- Spot elevations: Normal, Critical
 - HIGHEST KNOWN ELEVATION: 2419 meters at 47°04'N, 102°31'E



1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 1 1/2° (30 MILES) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 2° (40 MILES) WESTERLY FOR THE CENTER OF THE EAST EDGE.

LOCATION DIAGRAM
ONIC INDEX SHOWN IN BLUE
HWAC INDEX SHOWN IN RED/BROWN

NM 47-8	NM 47-9	NM 48-7	NM 48-8	NM 48-9
NM 47-11	NM 47-12	NM 48-10	NM 48-11	NM 48-12
NL 47-2	NL 47-3	NL 48-1	NL 48-2	NL 48-3
NL 47-5	NL 47-6	NL 48-4	NL 48-5	NL 48-6
NL 47-8	NL 47-9	NL 48-7	NL 48-8	NL 48-9

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JOINT OPERATIONS GRAPHIC

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

CONVERSION OF ELEVATIONS

METERS	FEET	METERS	FEET
1000	3281	10000	32808
900	2953	9000	29529
800	2625	8000	26247
700	2297	7000	22964
600	1969	6000	19683
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

See Body of Map

SAMPLE 1,000 METER REFERENCE

- Read letters identifying the 100,000 meter square in which the point lies.
- Read large number labeling the VERTICAL grid line left of point. Estimate tenth (1,000 meters) from grid line to point.
- Read large number labeling the HORIZONTAL grid line below point. Estimate tenth (1,000 meters) from grid line to point.

Example: AB1234

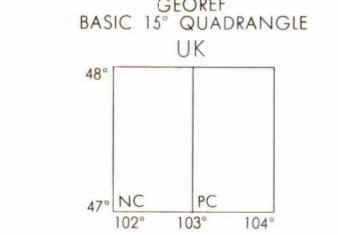
WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION, AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION. Example: 48TAB1234

CONTOUR INTERVAL 100 METERS
WITH SUPPLEMENTARY CONTOURS AT 50 AND 25 METER INTERVALS

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 48, WORLD GEODETIC SYSTEM.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO: NIMA CUSTOMER HELP DESK: 1-800-450-COMMERCIAL (1-800-450-2662); OR WRITE TO: ATTN: CDD, MAIL STOP P-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANGAMORE ROAD, BETHESDA, MD 20815-5003 (UK Users) Director General of Military Survey, Ministry of Defence, Whitehall, London SW1A 2JX England

- GLOSSARY**
- Bulag: spring
 - Gol: river
 - Hooloy: valley
 - Hool: well
 - Huree: monastery
 - Nuur: lake
 - Tal: mountain, hill
 - Uul: plain



RELIABILITY OF THIS GRAPHIC

Compiled from best available source materials.
Horizontal Datum: World Geodetic System.
Vertical Datum: Mean Sea Level.
Transverse Mercator Projection.

NOTES

No obstructions 61 meters or more above ground level are known to exist in this area.
Names for symbolized populated places are omitted where information is not available or where density of detail does not permit their inclusion.
NAMES ON THIS GRAPHIC DO NOT NECESSARILY INDICATE OFFICIAL RECOGNITION OF THE POLITICAL STATUS OF THE AREA CONCERNED.
THIS GRAPHIC IS NOT AN AUTHORITY ON INTERNATIONAL BOUNDARIES.
Alignment of all boundaries is approximate.
Road classification should be referred to with caution.
Figures along roads indicate approximate distance in kilometers.
The reliability of vegetation information is undetermined.
A lane is generally considered as being 8 to 16 feet (2.44 to 4.88 meters) in width.
The accuracy of all elevations shown is not within 30 meters.

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SCALE 1:250,000
HARHORIN, MONGOLIA

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