

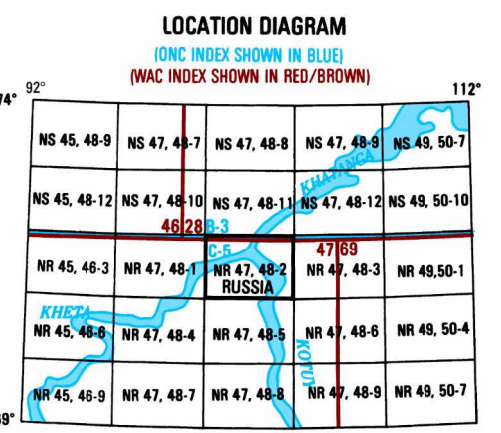
SERIES 1501 AIR SHEET NR 47, 48-2 EDITION 1

- POPULATED PLACES**
- Over 100,000
  - 50,000-100,000
  - 10,000-50,000
  - 2,000-10,000
  - Less than 2,000
- ROADS**
- Dual highway
  - All weather, hard surface
  - More than two lanes wide
  - 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
  - Cart track
  - Footpath, trail
  - Route marker
- RAILROADS**
- Normal gauge 1.52m (5'0")
  - Station position
  - Narrow gauge
- BOUNDARIES**
- International
  - First-order administrative division
- VEGETATION**
- Woods: Scattered trees
- OTHER FEATURES**
- Area name
  - School, Church, Mosque
  - Landmark feature or object
  - Tank, Well, Wall, Fence
  - Net, kiosk, Pass, Mine or quarry
- HYDROGRAPHY**
- Underground aqueduct with shafts
  - Small reservoir; Dry lake
  - Sabkha (Kewir); Intermittent lake
  - Intermittent streams: Single, Double line
  - Well; Perennial; Intermittent; Disappearing stream
  - Spring, fountain, cistern; Dam; Salt evaporator
  - Wadi; Swamp
- TERRAIN ELEVATIONS**
- Spot elevation: Normal; Critical
  - HIGHEST KNOWN ELEVATION is 1800± feet at the following coordinates:
  - Geographic: 71°00'N, 102°18'E
  - Grid: V00279
  - \*Following elevation value indicates accuracy is not within 100 feet.
- AERODROMES (Military or Civil)**
- Runway pattern known
  - EDNA/50's
  - 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/HELIPAD**
- RADIO AIDS TO NAVIGATION**
- VHF OMNI RANGE (VOR)
  - VORTAC
  - TACAN
  - VOR with DME
  - Other facilities
- CONTROLLED AIRSPACE**
- ADIZ**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction
  - 1188- Elevation of obstruction top, above sea level
  - (259)- Elevation of obstruction top, above ground level
  - Group obstruction
  - Radio facility obstruction
  - Power transmission line
  - Visual ground sign
  - Aero light: Main light
- RADIO FACILITIES**
- RADIO RANGE LF/MF
  - MULTIPLE RADIO FACILITIES

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

LINE OF EQUAL MAGNETIC VARIATION FOR 1995 (Annual rate of change, 4' increase)

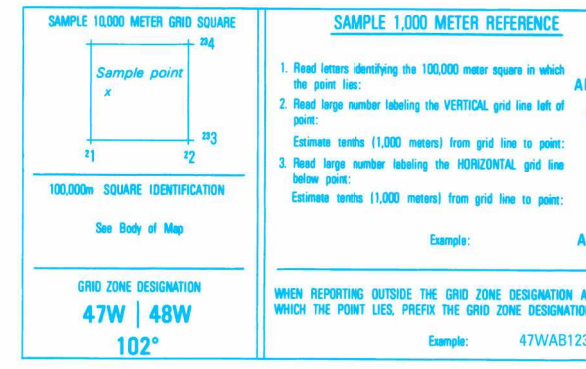
**ATTENTION**  
**THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)**  
 The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).  
**EXAMPLE: 12,500 feet**



**SCALE 1:250,000**  
**KHATANGA, RUSSIA**  
 SERIES 1501 AIR SHEET NR 47, 48-2 EDITION 1  
 SERIES 1501 COMPANION SHEET IS EDITION 1

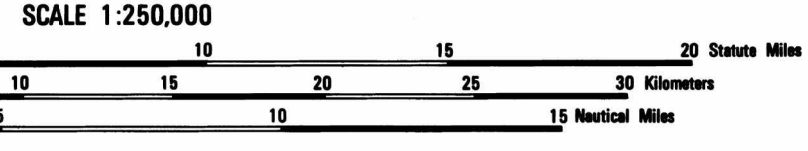
**CONVERSION OF ELEVATIONS**

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



Prepared and published by the National Imagery and Mapping Agency, Compiled September 1998. MAP INFORMATION AS OF 1994.

**JOINT OPERATIONS GRAPHIC (AIR)**



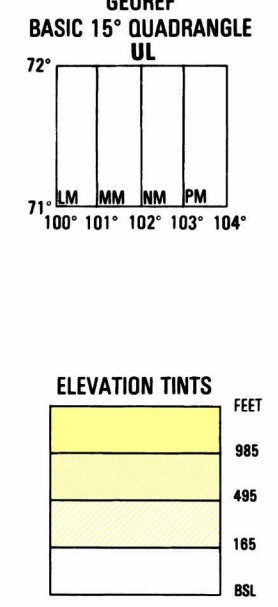
CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 47 AND 48, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-459-9899; COMMERCIAL 314-269-5032; DSN 490-5032; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: COD, MAIL STOP P-37, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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- GLOSSARY**
- Autonomous district
  - Gora
  - Gryada
  - Nizhny
  - Ostrov
  - Ozero
  - Dere
  - Prutok
  - Vozvyshennost'



**RELIABILITY OF THIS GRAPHIC**  
 (as determined by standard practices)

PLOTING ACCURACY	90° ASSURANCE	
	AREA I	AREA II
Horizontal	425	425
Vertical	90	90
Contours	1988	1988
Graphic not field checked	1994	1994

**NOTES**  
 Powerlines are shown except within populated place limits. Other obstructions are shown if they are 150 feet or more above ground level. See Caution note.  
 A one lane road is from 8 to 18 feet (2.5 to less than 5.5 meters) wide. For roads two or more lanes wide a lane is considered to be from 8 to 13 feet (2.7 to 4.1 meters) wide.  
 BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITY.

NSN 7641014660381  
 NIMA Ref No: 1501ANR474802

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

