SERIES	1501 AIR
SHEET	NN 39-7
EDITION	1

SERIES 1501 COMPANION SHEET IS EDITION 1

POPULATED PLACES
- Over 100,000: MOSKVA
- 50,000 to 100,000: KLIMOVSK
- 10,000 to 50,000: Obukhovo
- 2,000 to 10,000: Kubinka
- Less than 2,000: Dubtsy

ROADS
- Dual highway — 4 LANES DUAL
- 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 — 3 LANES
  - Two lanes wide
  - One lane wide
- Fair or dry weather, loose surface
- Cart track
- Footpath, trail
- Route marker — 50

RAILROADS
- Normal gauge, single track — 1.52m (5'0") ; Double track
- Narrow gauge

BOUNDARIES
- International
- First-order administrative

OTHER FEATURES
- Mine or quarry
- Campsite; Ruins; Watermill
- School; Church; Landmark
- Mosque; Moslem shrine
- Marsh or swamp; Land subject to inundation

VEGETATION
- Woods, brushwood

TERRAIN ELEVATIONS
- Spot elevation, normal, critical — *646 *840
- HIGHEST KNOWN elevation is 1510 feet at the following coordinates:
- Geographic — 53°25'N., 49°52'E.
- Grid — VV2519

The accuracy of all elevations on this graphic is not within 100 feet.

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

Runway pattern known — 725

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

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

CONTROLLED AIRSPACE
- ADIZ — CONUS ADIZ

VISUAL AIDS AND OBSTRUCTIONS
- Obstruction — 1108 (259)
  1108–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 — M
- Aero light; Marine light

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

CAUTION

AIR INFORMATION CURRENT THROUGH
21 OCTOBER 1997

Consult NOTAMS and Flight Information Publications for the latest air information; the DMA Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.

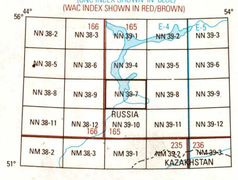
LINES OF EQUAL MAGNETIC VARIATION FOR 1995
(Annual rate of change 1' increase)

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.

LOCATION DIAGRAM

Boundary Representation is Not Necessarily Authoritative.
(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)



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SCALE 1:250,000
SYZRAN', RUSSIA

SERIES	1501 AIR
SHEET	NN 39-7
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	9145
200	61	2000	610
150	46	1500	457
100	31	1000	305

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Compiled March 1997
MAP INFORMATION AS OF 1994

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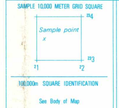
COORDINATE CONVERSION FROM WGS 84 DATUM AND ELLIPSOID, UTM GRID TO WGS 72 DATUM AND ELLIPSOID, UTM GRID
GRID: Subtract 5m N., Subtract 15m E,
GEOGRAPHIC: Subtract 0.1" Lat., Subtract 0.6" Long.

SAMPLE 10,000 METER GRID SQUARE



10,000m SQUARE IDENTIFICATION
See Body of Map
GRID ZONE DESIGNATION
39U

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: 39UAB1234

ELEVATIONS IN FEET

JOINT OPERATIONS GRAPHIC (AIR)

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 APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 39, WORLD GEODETIC SYSTEM 1984 ELLIPSOID

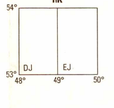
USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0800; COMMERCIAL 1-314-260-1236; DSN 400-1236; OR WRITE TO: ATTN: CCO, MAIL STOP P-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

ELEVATIONS IN FEET

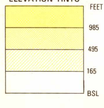
GLOSSARY

Gory	mountains
Ostrov	island
Ostrova	islands
Ozero	lake
Stantsiya	railroad station
Vodokhranilishche	reservoir(s)
Zaliv	bay

GEOREF BASIC 15° QUADRANGLE RK



ELEVATION TINTS



RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

PLOTTING ACCURACY 90° ASSURANCE	
Horizontal	within 425 feet
Contours	within 140 feet
Date of information	1975-1994

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

NOTES

Powerlines are shown except within populated place limits.
Other obstructions are shown, if they are 200 feet or more above ground level. See caution note.
Caution: Not all telephone and electric service lines are shown.
On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.
In built-up areas only through routes are classified.
The representation of boundaries is not necessarily authoritative.
Road classification should be referred to with caution.
Names and boundaries of administrative divisions in Russia are not available.

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