

SERIES 1501 AIR SHEET NO 39-4 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..... **4 LANES**
  - More than two lanes wide..... **4 LANES**
  - Two lanes wide..... **4 LANES**
  - One lane wide..... **4 LANES**
  - All weather, loose or light surface..... **3 LANES**
  - More than two lanes wide..... **3 LANES**
  - Two lanes wide..... **3 LANES**
  - One lane wide..... **3 LANES**
  - Fair or dry weather, loose surface..... **3 LANES**
  - Cart track..... **3 LANES**
  - Footpath, trail..... **3 LANES**
  - Road marker..... **3 LANES**
- RAILROADS
- Normal gauge, single track 1.52m (5'0"); Double track..... **3 LANES**
  - Narrow gauge..... **3 LANES**
- BOUNDARIES
- International..... **3 LANES**
  - First-order administrative..... **3 LANES**
- OTHER FEATURES
- Mine or quarry..... **3 LANES**
  - Campsite, Ruins, Watermill..... **3 LANES**
  - School, Church, Landmark..... **3 LANES**
  - Mosque, Masonic shrine..... **3 LANES**
  - Small reservoir or cistern..... **3 LANES**
  - Well, Perennial, Intermittent, Spring..... **3 LANES**
  - Underground aqueduct with shafts..... **3 LANES**
  - Sakha or Dry lake; Intermittent lake..... **3 LANES**
  - Single line intermittent stream, Wadi..... **3 LANES**
  - Marsh or swamp; Land subject to inundation..... **3 LANES**
  - Mound, Levee..... **3 LANES**
  - Mudflat, Distorted surface..... **3 LANES**
  - Sand, flat or rolling, Sand dunes..... **3 LANES**
  - Horizontal control point..... **3 LANES**
- VEGETATION
- Woods, brushwood, Scattered trees..... **3 LANES**
  - Orchard, vineyard, Scrub..... **3 LANES**
- TERRAIN ELEVATIONS
- Spot elevation, normal; critical..... **3 LANES**
  - HIGHEST KNOWN elevation is **919** feet at the following coordinates: Geographic: 58°52' N, 48°48' E Grid: V3125

- AERODROMES (Military or Civil)
- Runway pattern known..... **3 LANES**
  - Field limits and runway pattern unknown..... **3 LANES**
- HELIPORT
- ..... **3 LANES**
- RADIO FACILITIES
- VOR VORTAC..... **3 LANES**
  - TACAN VOR/DME..... **3 LANES**
  - RADIO RANGE LF/MF..... **3 LANES**
  - MULTIPLE RADIO FACILITIES..... **3 LANES**
- CONTROLLED AIRSPACE
- ADIZ..... **3 LANES**
- VISUAL AIDS AND OBSTRUCTIONS
- Obstruction..... **3 LANES**
  - 1100-Elevation of obstruction top, above sea level; (250)-Elevation of obstruction top, above ground level..... **3 LANES**
  - Group obstruction..... **3 LANES**
  - Radio facility obstruction..... **3 LANES**
  - Power transmission line..... **3 LANES**
  - Visual ground sign..... **3 LANES**
  - Aero light; Marine light..... **3 LANES**

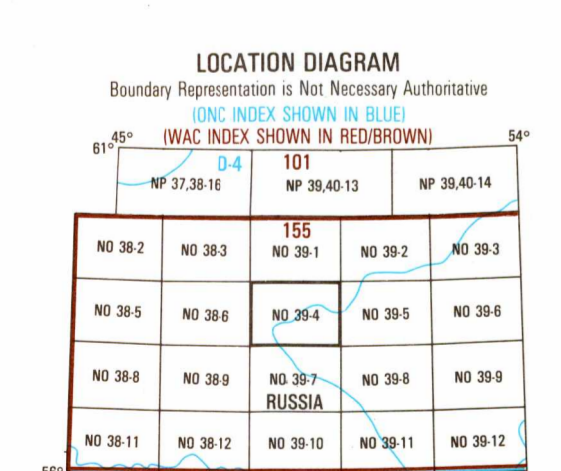
**CAUTION**  
Vertical obstructions, including powerlines, have been omitted from this chart. Reliable sources available. However, there is no assurance that all are shown or that their location or heights are exact.

**CAUTION**  
**AIR INFORMATION CURRENT THROUGH 2 APRIL 1998**  
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.

LINES OF EQUAL MAGNETIC VARIATION FOR 1995  
(Annual rate of change 2' 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 (towers, antennas, etc.).

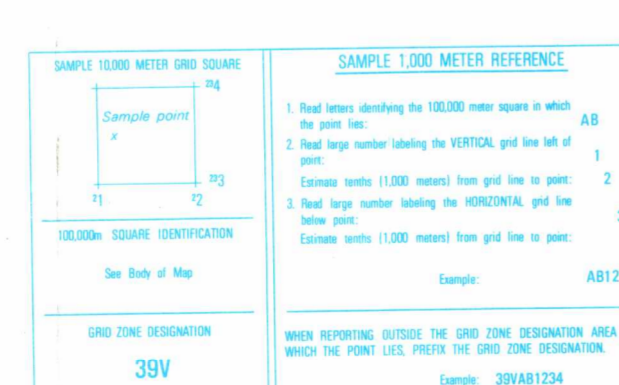
EXAMPLE: 12,500 feet ..... **125**



Prepared and published by the National Imagery and Mapping Agency, Compiled June 1997.  
MAP INFORMATION AS OF 1995  
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CONVERSION OF ELEVATIONS

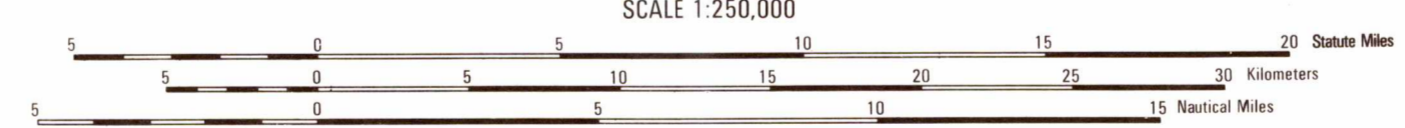
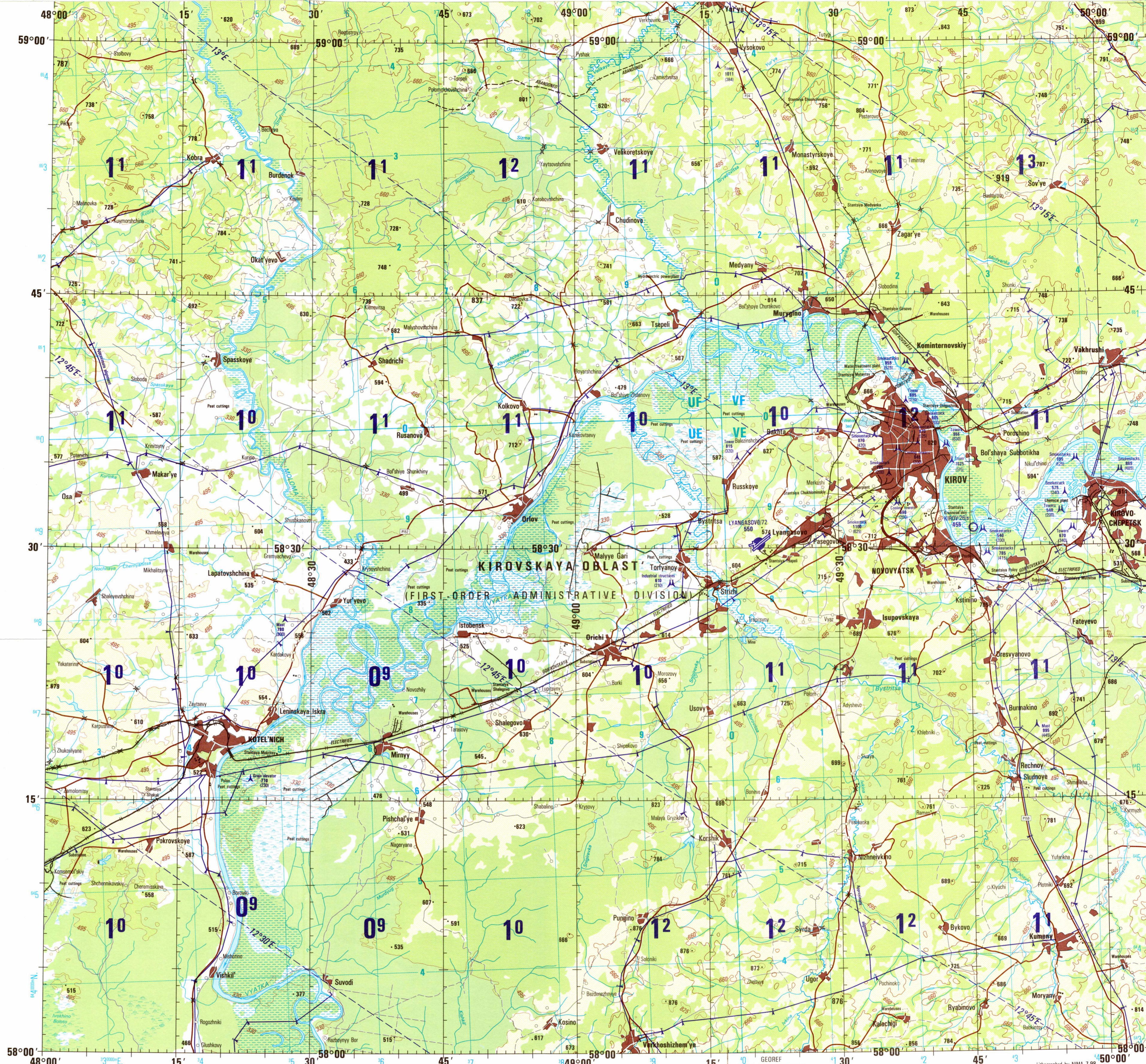
FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2134
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	610
150	46	1500	457
100	31	1000	305



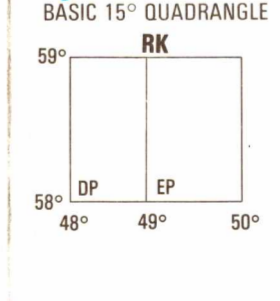
SCALE 1:250,000  
KIROV, RUSSIA

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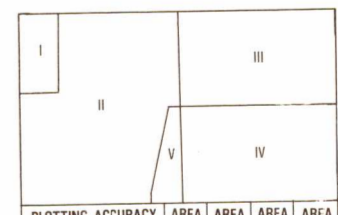
SERIES 1501 COMPANION SHEET IS EDITION 1



- GLOSSARY
- Boloto..... marsh(es)
  - Ob'ekt..... first-order administrative division
  - Stantsiya..... railroad station



RELIABILITY OF THIS GRAPHIC  
(as determined by standard practices)



PLOTTING ACCURACY  
90% ASSURANCE

Feature	Area I	Area II	Area III	Area IV
Contours	within 100 ft (30 m)	within 100 ft (30 m)	within 100 ft (30 m)	within 100 ft (30 m)

GRAPHIC FEATURE DATE OF INFORMATION

Feature	Area I	Area II	Area III	Area IV
Contours	1979	1979	1979	1979

All other features: 1981 1995 1996 1995 1995

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.

On this graphic a line is generally considered as being 8 feet (2.5 meters) in width.  
The representation of boundaries is not necessarily authoritative. Road classification should be referred to with caution.  
In built-up areas only through routes are classified.  
Caution: Not all telephone and electric service lines are shown.

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