

SERIES 1501 AIR SHEET NO 37-6 EDITION 1

- POPULATED PLACES**
- Over 100,000 **MOSKVA**
  - 50,000 to 100,000 **KLIMOVSK**
  - 10,000 to 50,000 **Obukhevo**
  - 2,000 to 10,000 **Kubinka**
  - Less than 2,000 **Dubsty**
- ROADS**
- Dual highway **4 LANES DUAL**
  - All weather, hard surface **4 LANES**
  - More than two lanes wide **4 LANES**
  - Two lanes wide **3 LANES**
  - One lane wide **3 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**
  - Route marker **3 LANES**
- RAILROADS**
- Normal gauge, single track 1.52m (5'0"). Double track **NO**
  - Narrow gauge **NO**
- BOUNDARIES**
- First-order administrative **NO**
- OTHER FEATURES**
- Mine or quarry **NO**
  - Campsite, Ruins, Watermill **NO**
  - School, Church, Landmark **NO**
  - Mosque, Muslim shrine **NO**
  - Small reservoir or cistern **NO**
  - Well, Perennial, Intermittent, Spring **NO**
  - Underground aqueduct with shafts **NO**
  - Sabkha or Dry lake, Intermittent lake **NO**
  - Single line intermittent stream, Wadi **NO**
  - Marsh or swamp, Land subject to inundation **NO**
  - Mound, Levee **NO**
  - Mudflat, Distorted surface **NO**
  - Sand, flat or rolling; Sand dunes **NO**
  - Horizontal control point **NO**

- VEGETATION**
- Woods, brushwood, Scattered trees **None**
  - Orchard, vineyard, Scrub **None**
- TERRAIN ELEVATIONS**
- Spot elevation, normal, critical **\* 646 \* 840**
  - HIGHEST KNOWN ELEVATION is **974** feet at the following coordinates: **58°49' N, 41°59' E**
  - Geographic **FF723**
- AERODROMES (Military or Civil)**
- Runway pattern known **EDNA/501s 725**
  - EDNA-Name **725**
  - 50-Length of longest runway to nearest hundreds of feet **725**
  - s-Solid or unimproved surface **725**
  - u-Unknown surface **725**
  - 725-Elevation **725**
  - Runway pattern unknown **725**
- HELIPORT/HELIPAD**
- None
- RADIO AIDS TO NAVIGATION**
- VHF OMNI RANGE (VOR) **NO**
  - VORTAC **NO**
  - TACAN **NO**
  - VOR with DME **NO**
  - Other facilities **NO**
- RADIO FACILITIES**
- RADIO RANGE LF/MF **NO**
  - MULTIPLE RADIO FACILITIES **NO**
- CONTROLLED AIRSPACE**
- ADIZ **CONUS ADIZ**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction **1108**
  - 1108-Elevation of obstruction top, above sea level **1108**
  - CS59-Elevation of obstruction top, above ground level **1108**
  - Group obstruction **1108**
  - Radio facility obstruction **1108**
  - Power transmission line **1108**
  - Visual ground sign **1108**
  - Aero light: Marine light **1108**

**CAUTION**  
Vertical obstructions, including antennas, 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.

**CAUTION**  
**AIR INFORMATION CURRENT THROUGH 12 AUGUST 1998**  
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.

**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: 12500 feet 125**

**LOCATION DIAGRAM**  
The Representation of Boundaries in Not Necessarily Authoritative.  
The INDEX SHOWN IN BLUE (IWC INDEX SHOWN IN RED/BROWN)  
NO 37.13 NO 37.14 NO 37.15 NO 37.16  
NO 37.1 NO 37.2 NO 37.3 NO 37.4  
NO 37.5 NO 37.6 NO 37.7 NO 37.8  
NO 37.9 NO 37.10 NO 37.11 NO 37.12 NO 37.13 NO 37.14  
NO 37.15 NO 37.16  
RUSSIA  
NO 37-6  
NO 37-7  
NO 37-8  
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NO 37-97  
NO 37-98  
NO 37-99  
NO 37-100

**CONVERSION OF ELEVATIONS**

FEET	METERS
1000	305
900	274
800	244
700	213
600	183
500	152
400	122
300	91
200	61
150	46
100	31

**SCALE 1:250,000**  
**BUY, RUSSIA**

SERIES 1501 AIR SHEET NO 37-6 EDITION 1

Prepared and published by the National Imagery and Mapping Agency, Compiled January 1998.  
MAP INFORMATION AS OF 1993

**CONTOUR INTERVAL APPROXIMATELY 165 FEET**

COORDINATE CONVERSION FROM WGS 84 DATUM USING WGS 84 ELLIPSOID TO WGS 72 DATUM USING WGS 72 ELLIPSOID  
Grid: Subtract 5m E, Subtract 5m N, Geographic: Subtract 0.6° Long, Subtract 0.1° Lat.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK, 1800-450-COMMERCIAL, 1215 203 1230, SBN AND 1538, OR WRITE TO: ATTN: CDR, MAIL STOP P-27, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANGANAPUR ROAD, BELTHERED, MD 20716-5003.

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

PLOTTING ACCURACY	AREA I	AREA II
90% ASSURANCE	within 425 ft. (130 m)	within 425 ft. (130 m)
Horizontal	within 100 ft. (30 m)	within 100 ft. (30 m)
Vertical	within 100 ft. (30 m)	within 100 ft. (30 m)

GRAPHIC FEATURE: AREA I | AREA II

DATE OF INFORMATION: AREA I | AREA II

Contours: 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000

Graphic not field checked.

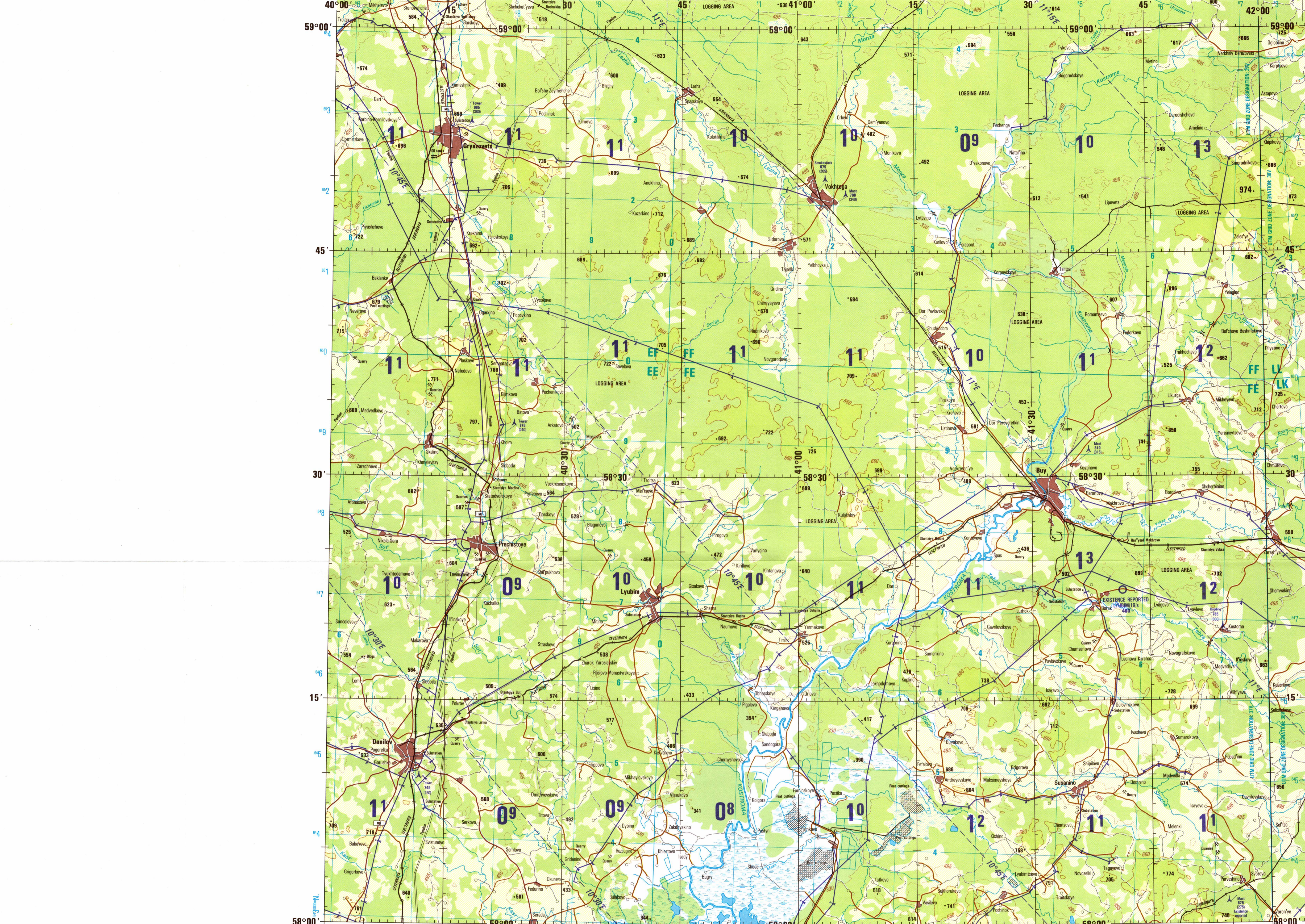
**NOTES**  
Powerlines are shown except within populated place limits. Other obstructions are shown, if they are 200 feet or more above ground level. See caution note.  
On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.  
Names and boundaries of administrative divisions in Russia are not available.  
Road classification should be referred to with caution.

**GLOSSARY**

- Отметочный пункт: railroad stop
- Рельсовый пункт: railroad siding
- Станция: railroad station

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

NSN 7641014570381  
NIMA REF. NO. 1501ANO3706



**JOINT OPERATIONS GRAPHIC (AIR)**

SCALE 1:250,000

ELEVATIONS IN FEET

CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 37, WORLD GEODETIC SYSTEM 1984 DATUM AND ELLIPSOID

COORDINATE CONVERSION FROM WGS 84 DATUM USING WGS 84 ELLIPSOID TO WGS 72 DATUM USING WGS 72 ELLIPSOID  
Grid: Subtract 5m E, Subtract 5m N, Geographic: Subtract 0.6° Long, Subtract 0.1° Lat.

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

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