

SERIES 1501 AIR SHEET NP 35,36-16 EDITION 1

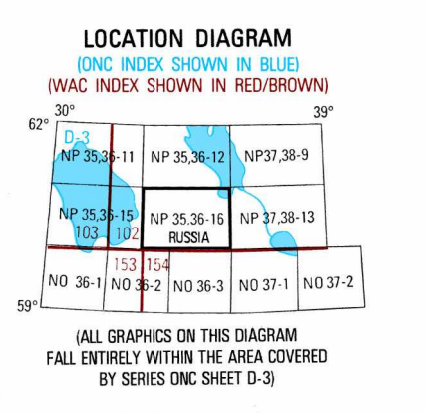
- POPULATED PLACES**
- Over 100,000 **MOSKVA**
 - 50,000 to 100,000 **KLIMOVSK**
 - 10,000 to 50,000 **Obukhovo**
 - 2,000 to 10,000 **Kubinka**
 - Less than 2,000 **Dubny**
- ROADS**
- Dual highway **4 LANES DUAL**
 - All weather, hard surface **4 LANES**
 - More than two lanes wide **4 LANES**
 - Two 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**
 - Route marker **3 LANES**
- RAILROADS**
- Normal gauge, single track 1.52m (5'), Double track **10**
 - Narrow gauge **10**
- BOUNDARIES**
- International **10**
 - First-order administrative **10**
- OTHER FEATURES**
- Mine or quarry **10**
 - Campsite, Ruins, Watermill **10**
 - School, Church, Landmark **10**
 - Mosque, Muslim shrine **10**
 - Small reservoir or cistern **10**
 - Well, Personal, Interestless, Spring **10**
 - Underground aqueduct with shafts **10**
 - Saltika or Dry lake, Intermittent lake **10**
 - Single line intermittent stream, Wadi **10**
 - Marsh or swamp; Land subject to inundation **10**
- VEGETATION**
- Woods, brushwood **10**
- TERRAIN ELEVATIONS**
- Spot elevation, normal, critical **10**
 - HIGHEST KNOWN elevation is **1040** feet at the following coordinates:
Geographic: 60°42'N, 35°26'E
Grid: XN2233
- AERODROMES (Military or Civil)**
- Runway pattern known **EDNA/50's**
 - EDNA-Name **75**
 - 50'-Length of longest runway to nearest hundreds of feet
 - Soft or unimproved surface
 - Unknown surface
 - 75'-Elevation
 - Runway pattern unknown **75**
- HELIPORT/HELIPAD**
- **75**
- RADIO AIDS TO NAVIGATION**
- VOR/TCN **75**
 - TACAN **75**
 - VOR WITH DME **75**
 - Other facilities **75**
- RADIO FACILITIES**
- RADIO RANGE LF/MF **75**
 - MULTIPLE RADIO FACILITIES **75**
 - CONTROLLED AIRSPACE **75**
 - ADIZ **75**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction **1108**
 - 1108-Elevation of obstruction top, above sea level.
 - (259)-Elevation of obstruction top, above ground level.
 - Group obstruction **1108**
 - Radio facility obstruction **1108**
 - Power transmission line **1108**
 - Visual ground sign **1108**
 - Aero light; Marine light **1108**

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.

CAUTION
AIR INFORMATION CURRENT THROUGH 26 FEBRUARY 1999
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.

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**

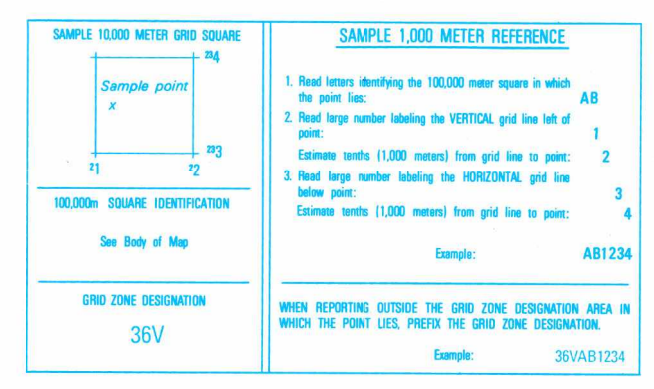
LINE OF EQUAL MAGNETIC VARIATION FOR 1995
(Annual rate of change 3' increase)



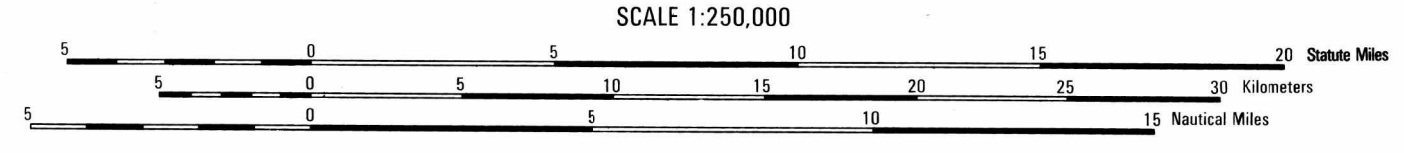
Prepared and published by the National Imagery and Mapping Agency
Compiled June 1998
MAP INFORMATION AS OF 1995
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CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	10000	3048
800	244	8000	2438
600	183	6000	1828
400	122	4000	1219
200	61	2000	610
150	46	1500	457
100	31	1000	305



JOINT OPERATIONS GRAPHIC (AIR)

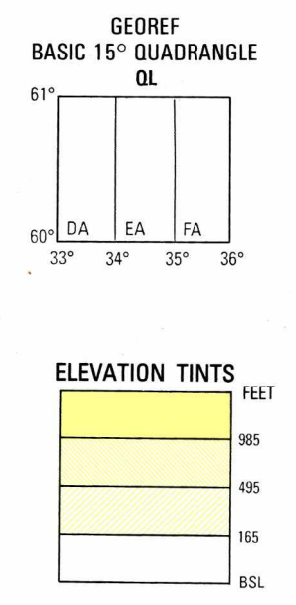


CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 1000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 36, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-445-0899, COMMERCIAL: 314-386-8232, OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY ATTN: CDD, MAIL STOP P-31, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

- GLOSSARY**
- Boloto swamp
 - Gryada ridge
 - Kanal canal
 - Ozero first-order administrative division
 - Ozero lake
 - Ozero lake
 - Razvaliny ruins
 - Respublika first-order administrative division
 - Stantsiya railroad station
 - Uchastok area
 - Novyye mestost upland
 - Zaliv bay



RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

PLOTING ACCURACY	AREA		
	I	II	III
90% ASSURANCE	width	width	width
	42% 1/2	45% 1/2	42% 1/2
	8% 1/2	8% 1/2	8% 1/2

GRAPHIC FEATURE

DATE OF INFORMATION	AREA		
	I	II	III
1999	1998	1998	1998
1998	1998	1998	1998
1998	1998	1998	1998

Graphic not field checked

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

NOTES

Boundaries 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.

BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHENTICATIVE. DESCRIPTION OF BOUNDARIES HAS CHANGED SINCE THE LAST EDITION.

ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.

Road classification should be referred to with caution.

Photographed by NIMA 7-99

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