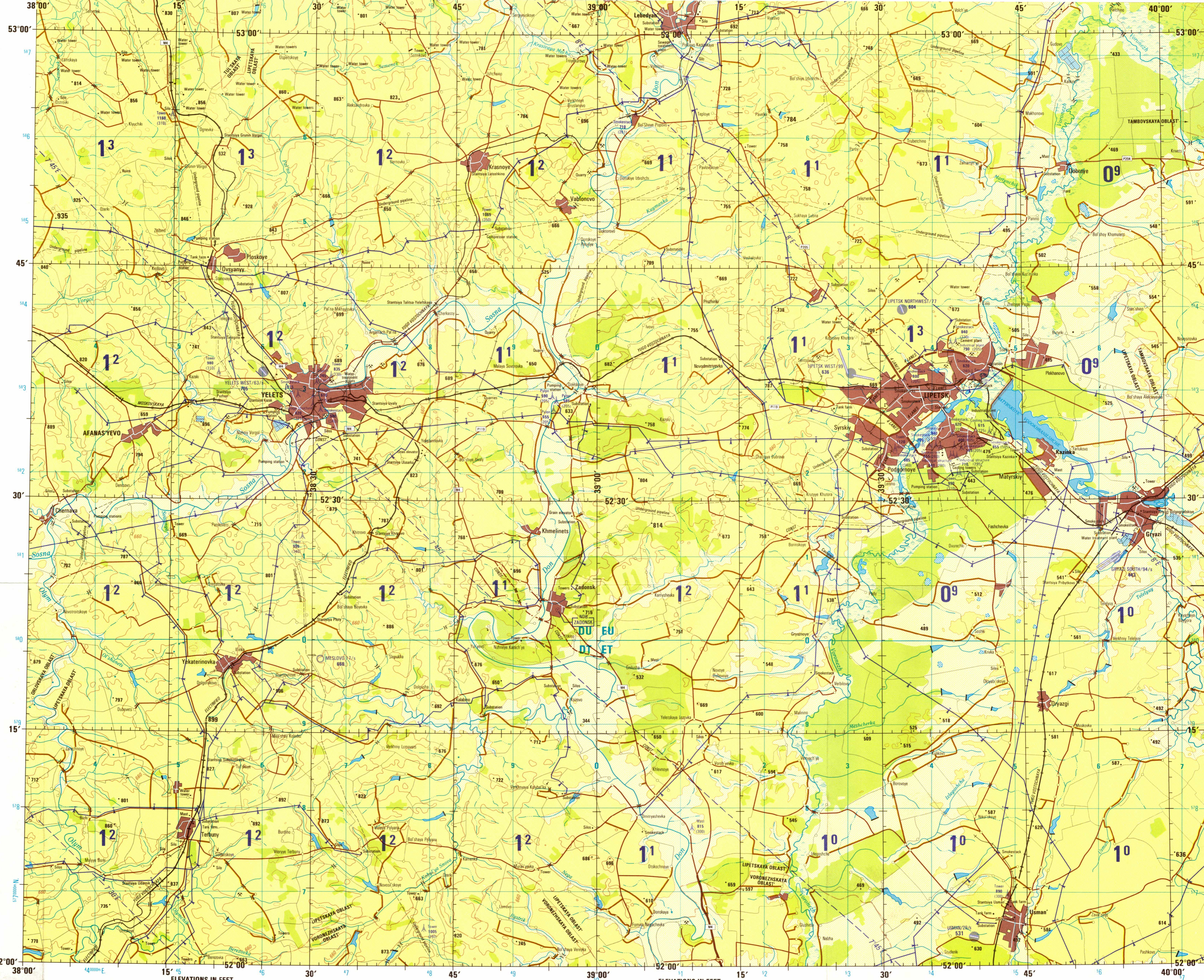


SERIES 1501 AIR  
SHEET NN 37-11  
EDITION 2  
SERIES 1501 COMPANION SHEET IS EDITION 1

- POPULATED PLACES**
- Over 100,000 MOSKVA
  - 50,000-100,000 KLIMOVSK
  - 10,000-50,000 Obukhovo
  - 2,000-10,000 Kubinka
  - Less than 2,000 Dubny
- ROADS**
- Dual highway All weather, hard surface: 4 LANES DUAL
  - 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
  - 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 1.44m (4'8 1/2"): Single track Multiple track
  - Station position: known unknown
  - Narrow gauge: 3 LANES
- BOUNDARIES**
- International: 3 LANES
  - First-order administrative division: 3 LANES
  - Narrow gauge: 3 LANES
- VEGETATION**
- Woods: 3 LANES
  - Orchard: 3 LANES
- OTHER FEATURES**
- Area name: 3 LANES
  - School, Church, Mosque: 3 LANES
  - Landmark feature or object: 3 LANES
  - Tank, Well, Wall, Fence: 3 LANES
  - Hot, Inlet, Pass, Mine or quarry: 3 LANES
  - Horizontal control point: 3 LANES
  - Dam, Dam carrying road: 3 LANES
- HYDROGRAPHY**
- Sakha (Kavir), Intermittent lake: 3 LANES
  - Intermittent stream: Single, Double line: 3 LANES
  - Well, Perennial, Intermittent, Disappearing stream: 3 LANES
  - Spring, fountain, cistern, Filtration bed: 3 LANES
  - Wadi: Land subject to inundation: 3 LANES
  - Marsh or swamp: 3 LANES
- TERRAIN ELEVATIONS**
- Spot elevation: Normal, Critical: 330 \*1108
  - HIGHEST KNOWN elevation is 935 feet at the following coordinates: 52°48'N, 38°02'E
  - Geographic Grid: DU3550
- AERODROMES (Military or Civil)**
- Runway pattern known: EDNA-50s 725
  - EDNA-Name: 725
  - 50-Length of longest runway to nearest hundreds of feet: 725
  - s-Soft or unimproved surface: 725
  - Unknown surface: 725
  - 725-Elevation: 725
  - Runway pattern unknown: 725
- RADIO FACILITIES**
- RADIO RANGE LF/MF: RRG HURN
  - MULTIPLE RADIO FACILITIES: NDB-RNG PARIS
- CONTROLLED AIRSPACE**
- ADIZ: CONUS ADIZ
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction: 1108 (330)
  - 1108-Elevation of obstruction top, above sea level; (259)-Elevation of obstruction top, above ground level.
  - Group obstruction: 1108 (330)
  - Radio facility obstruction: 1108 (330)
  - Power transmission line: 1108 (330)
  - Visual ground sign: 1108 (330)
  - Aero light; Marine light: 1108 (330)



**CAUTION**  
**AIR INFORMATION CURRENT THROUGH**  
23 APR 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 (trees, towers, antennas, etc.).  
**EXAMPLE: 12,500 feet**  
**125**

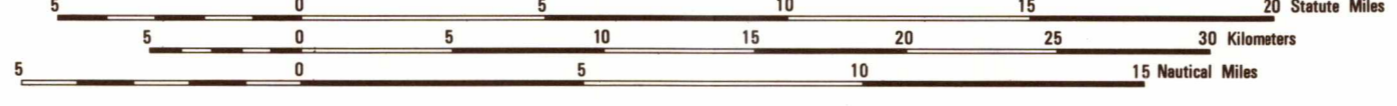
**LOCATION DIAGRAM**  
(ONIC INDEX SHOWN IN RED/BROWN)

36	37	38	39	40
NN 36-6	NN 37-4	NN 37-5	NN 37-6	NN 38-4
NN 36-9	NN 37-7	NN 37-8	NN 37-9	NN 38-7
NN 36-12	NN 37-10	NN 37-11	NN 37-12	NN 38-10
NN 36-3	NN 37-1	NN 37-2	NN 37-3	NN 38-1
NN 36-4	NN 37-4	NN 37-5	NN 37-6	NN 38-4

Prepared and published by the National Imagery and Mapping Agency. Compiled July 1997.

**JOINT OPERATIONS GRAPHIC (AIR)**

SCALE 1:250,000



CONTOUR INTERVAL APPROXIMATELY 165 FEET

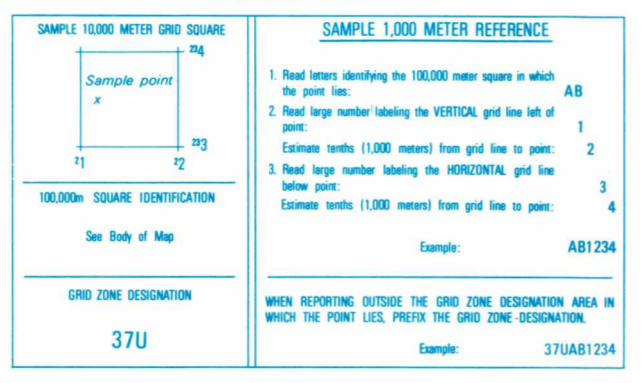
BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 37, WORLD GEODETIC SYSTEM 1984 ELLIPSOID

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-8899, COMMERCIAL 1-314-260-1236, DSN 490-1236, OR WRITE TO: ATTN: COD, MAIL STOP P-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANAGAM ROAD, BETHESDA, MD 20818-5003

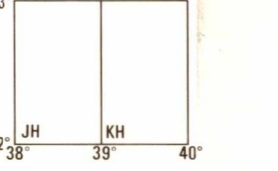
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**CONVERSION OF ELEVATIONS**

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



GEOREF BASIC 15° QUADRANGLE



RELIABILITY OF THIS GRAPHIC (as determined by standard practices)

1995	1994
Plotting Accuracy 90% Assurance	
Horizontal: within 425 ft	
Contours: within 95 ft	
Graphic Feature	DATE OF INFORMATION
All features	See diagram

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

**NOTES**  
Powerlines are shown except within populated place tints. 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.  
BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITATIVE. DEPICTION OF INTERNATIONAL BOUNDARIES HAS CHANGED SINCE THE LAST EDITION.

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ED. NO. 002  
NIMA REF. NO. 1501ANN3711