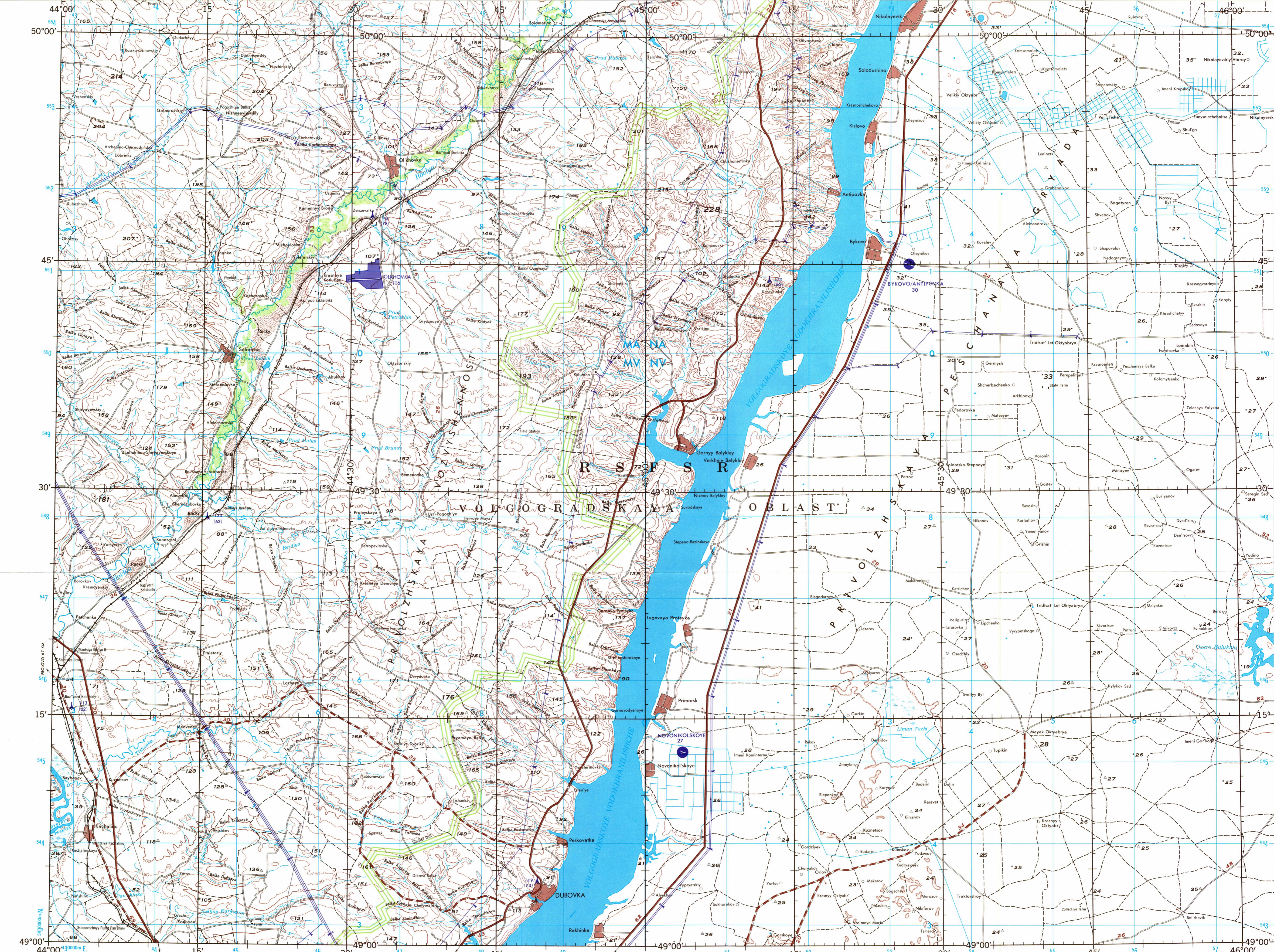
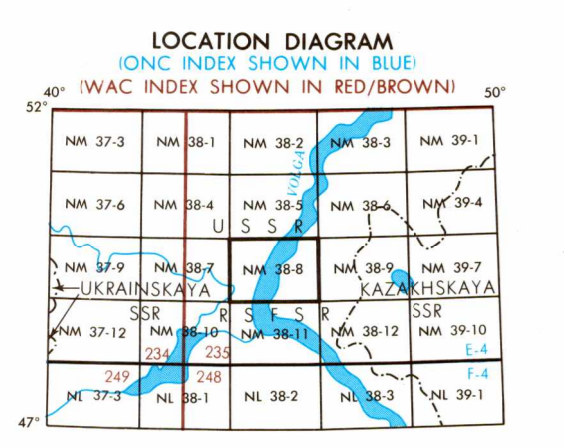


SERIES 1501  
SHEET NM 38-8  
EDITION 2

- POPULATED PLACES**
- Over 100,000
  - 50,000 to 100,000
  - 10,000 to 50,000
  - 2,000 to 10,000
  - Less than 2,000
- ROADS**
- All weather, hard surface
  - Two or more lanes
  - One lane
  - All weather, loose or light surface
  - Two or more lanes
  - One lane
  - Fair or dry weather, loose surface
  - Track or trail
- RAILROADS**
- Normal gauge, 1.52m (5')
  - Narrow gauge, less than 1.52m (5')
  - Station location: Exact, Approximate
- BOUNDARIES**
- International
  - First-order administrative division
  - Second-order administrative division
  - Reservation
- VEGETATION**
- Woods
  - Rice paddy, land subject to inundation
  - Well, Perennial, Intermittent
  - Intermittent stream, Single, Double line
  - Disappearing stream, Swamp or marsh
  - Intermittent lake, Dry lake
- OTHER FEATURES**
- Glacier, Snowfield
  - Horizontal control point, landmark, Mine
  - Levee, Dam or lock, Sand
  - Dunes, Crescent, Lateral, Ripple
- TERRAIN ELEVATIONS**
- Spot elevation: Normal, Critical
  - HIGHEST KNOWN elevation is 228 meters at 47°48'N, 45°05'E
  - Following elevation value indicates accuracy is not within 30 meters.
- AERODROMES (Military or Civil)**
- Field limits with runway pattern
  - EDNA Name
  - Elevation
  - Field limits, with runway pattern unknown
  - Field limits unknown, with runway pattern
  - Field limits and runway pattern unknown
- SEAPLANE BASE**
- SEAPLANE (EMERGENCY)**
- HELIPORT**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction
  - 338 - Elevation of obstruction top, above sea level
  - (79) - Elevation of obstruction top, above ground level
  - Group obstruction
  - Radio facility obstruction
  - Power transmission line



MAGNETIC DECLINATION FOR 1975 IS 7° (1120 MILLS)  
EASTERY OVER THE ENTIRE AREA.



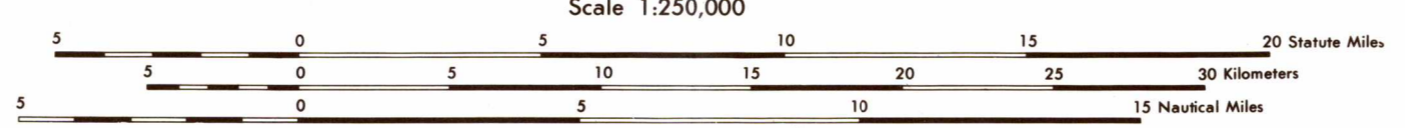
Prepared and published by the Defense Mapping Agency  
Topographic Center, Washington, D. C. Compiled  
December 1977.

ELEVATIONS IN METERS

### JOINT OPERATIONS GRAPHIC

Scale 1:250,000

ELEVATIONS IN METERS



CONTOUR INTERVAL 20 METERS

**CONVERSION OF ELEVATIONS**

METERS	FEET	METERS	FEET
1000	3281	10000	32808
900	2953	9000	29528
800	2625	8000	26247
700	2297	7000	22946
600	1969	6000	19645
500	1640	5000	16404
400	1312	4000	13123
300	984	3000	9842
200	656	2000	6562
100	328	1000	3281

**SAMPLE 10,000 METER GRID SQUARE**

**SAMPLE 1,000 METER REFERENCE**

- Read letters identifying the 10,000 meter square in which the point lies.
- Read large number labeling the VERTICAL grid line left of point.
- Estimate tenths (1,000 meters) from grid line to point.
- Read large number labeling the HORIZONTAL grid line below point.
- Estimate tenths (1,000 meters) from grid line to point.

Example: AB1234

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, BY WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

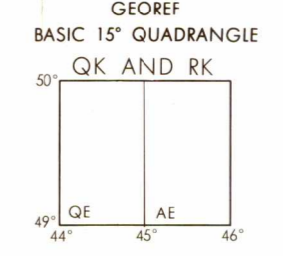
Example: 38UAB1234

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 38, WORLD GEODETIC SYSTEM SPHEROID

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS AND COMMENTS FOR IMPROVING THIS PRODUCT TO: NIMA CUSTOMER HELP DESK: 1-800-455-0096; COMMERCIAL: 1-314-260-5032; DSN: 480-5032; OR WRITE TO: ATTN: CDD, MAIL STOP F-37, NIMA, NATIONAL IMAGERY AND MAPPING AGENCY, 4800 SANGAMORE ROAD, BELTSPRING, MD 20816-5003

SCALE 1:250,000  
DUBOVKA, USSR

SERIES 1501  
SHEET NM 38-8  
EDITION 2



**RELIABILITY OF THIS GRAPHIC**

Compiled from best available source materials

Horizontal Datum: World Geodetic System

Vertical Datum: Mean Sea Level

Transverse Mercator Projection

**NOTES**

Only obstructions 61 meters or more above ground level are shown.

On this graphic a lane is generally considered as being 2.5 meters (8 feet) in width.

Road classifications should be referred to with caution.

Figures along roads indicate approximate distances in kilometers.

Alignment of all boundaries is approximate.

- GLOSSARY**
- Balka ..... ravine
  - Liman ..... shallow lake
  - Oblast ..... second-order administrative division
  - Ostanovochnyy punkt ..... stop
  - Ozer ..... lake
  - Peschanyye gryady ..... sand ridge
  - Prud ..... pond
  - Raz'yezd ..... stop
  - RSFSR ..... first-order administrative division
  - SSR ..... second-order administrative division
  - Stantsiya ..... station
  - Vodokhranilishche ..... reservoir
  - Vozyshennost' ..... heights

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