SERIES 1501
SHEET NQ 43,44-11
EDITION 1

POPULATED PLACES

Over 100,000 — ALMA-ATA
50,000 to 100,000 — BALKHASH
10,000 to 50,000 — Tatarsk
2,000 to 10,000 — Farab
Less than 2,000 — Kopteyevo

ROADS

Dual highway — 4 LANES DUAL
All weather, hard surface
More than two lanes wide — 3 LANES
Two lanes wide
One lane wide
All weather, loose or light surface — 3 LANES
More than two lanes wide
Two lanes wide
One lane wide
Fair or dry weather, loose surface
Track or trail
Route marker — 50

RAILROADS

Single track / Multiple track
Normal gauge 1.52m (5')
Narrow gauge

BOUNDARIES

International
First-order administrative division
Second-order administrative division
Reservation

OTHER FEATURES

Landmark
Horizontal control point
Levee; Burial mound
Mine
Dam or lock; Sand
Dunes: Crescent; Lateral; Ripple

VEGETATION

Woods
Scattered trees

HYDROGRAPHY

Land subject to inundation
Intermittent streams: Single; Double line
Disappearing stream; Swamp or marsh
Intermittent lake; Dry lake

TERRAIN ELEVATIONS

Spot elevation: normal; critical — *504 *1900
HIGHEST KNOWN elevation is 85 meters at the following coordinates:
Geographic 65°12'N 79°04'E
Grid MT1032

AERODROMES (Military or Civil)

EDNA 221
Runway pattern known
EDNA-Name
221-Elevation
Runway pattern unknown
HELIPORT

VISUAL AIDS AND OBSTRUCTIONS

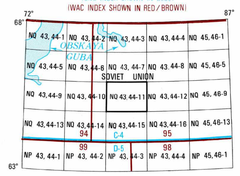
Obstruction 338 (79)
338-Elevation of obstruction top, above sea level
(79)-Elevation of obstruction top, above ground level
Group obstruction
Radio facility obstruction
Power transmission line

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.

1985 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 19° (340 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 18° (320 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE.

LOCATION DIAGRAM
(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)



SCALE 1:250,000
URENGOY, SOVIET UNION

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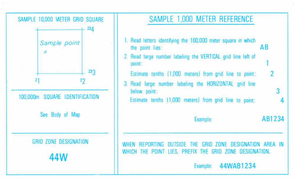
Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D. C.
Compiled in 1987.

ELEVATIONS IN METERS

CONVERSION OF ELEVATIONS

METERS	FEET	METERS	FEET
1000	3281	10000	32808
900	2953	9000	29528
800	2625	8000	26247
700	2297	7000	22966
600	1969	6000	19685
500	1640	5000	16404
400	1312	4000	13123
300	984	3000	9842
200	656	2000	6562
150	492	1500	4921
100	328	1000	3281



JOINT OPERATIONS GRAPHIC

SCALE 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 25 METERS

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 44, WORLD GEODETIC SYSTEM SPHEROID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4884; DSN 693-4884; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN.: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

ELEVATIONS IN METERS

GLOSSARY

Oblast' . . . . . second-order administrative division
Ozero . . . . . lake
R.S.F.S.R. . . . . first-order administrative division

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GEOREF
BASIC 15° QUADRANGLE
TL
66° / 65°
DF EF FF
78° 79° 80° 81°

RELIABILITY OF THIS GRAPHIC

Compiled from best available source materials.

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

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NOTES

Powerlines are shown except within populated place tints. Other obstructions are shown if they are 61 meters or more above ground level. See caution note.
On this graphic a lane is generally considered as being 2.5 meters (8 feet) in width.
Figures along roads indicate approximate distances in kilometers.
Road classification should be referred to with caution.
The reliability of vegetation information is undetermined.
Alignment of all boundaries is approximate.
Names for symbolized populated places are omitted where information is not available or where density does not permit their inclusion.

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