

SERIES 1501 AIR SHEET NJ 41-5 EDITION 2
SERIES 1501 COMPANION SHEET IS EDITION 3

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 Kopitovo

ROADS
Dual highway 4 LANES DUAL
All weather, hard surface
More than two lanes wide 3 LANES
Two lanes wide 2 LANES
One lane wide 1 LANE
All weather, loose or light surface
More than two lanes wide 3 LANES
Two lanes wide 2 LANES
One lane wide 1 LANE
Fair or dry weather, loose surface
Track, Trail 1 LANE
Route marker 1 LANE

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

BOUNDARIES
International
First-order administrative division
Second-order administrative division

OTHER FEATURES
Landmark
Horizontal control point
Levee
Well
Dam or lock, Sand
Dunes: Lateral, Transverse

VEGETATION
Woods
Scattered trees

HYDROGRAPHY
Well: Perennial, Intermittent
Intermittent streams: Single, Double line
Disappearing stream, Swamp or marsh
Intermittent lake, Dry lake

TERRAIN ELEVATIONS
Spot elevation: normal, critical '940 '3635
HIGHEST KNOWN elevation is 637 feet at the following coordinates:
Geographic 38°00'N, 61°12'E
Grid LC4208
The accuracy of all elevations shown on the graphic is within 100 feet.

AERODROMES (Military or Civil)
Runway pattern known EDNA/50's 725
EDNA-Name
50'-Length of longest runway to nearest hundreds of feet
S-Salt or unimproved surface
U-Unknown surface
725-Elevation
Runway pattern unknown

HELIPORT/HELIPAD
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RADIO FACILITIES
RADIO RANGE LF/MF
VHF-RING
MULTIPLE RADIO FACILITIES
CONTROLLED AIRSPACE ATLANTIC ADIZ

ADIZ ATLANTIC ADIZ

VISUAL AIDS AND OBSTRUCTIONS
Obstruction 1108
1108-Elevation of obstruction top, above sea level
(235)-Elevation of obstruction top, above ground level
Group obstruction

Radio facility obstruction
Power transmission line

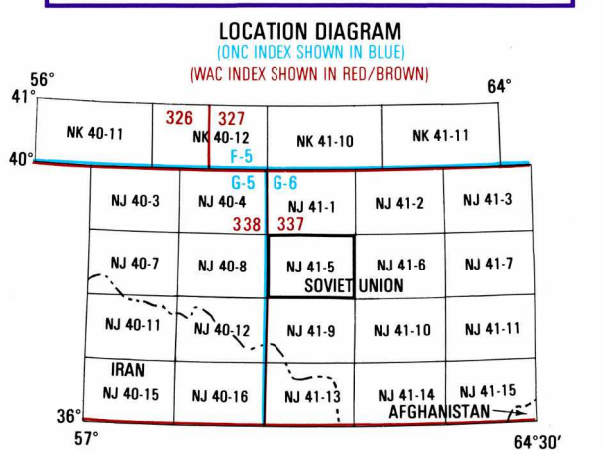
Visual ground sign
Aero light Marine light

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 17 JULY 1990
Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD (U. K.) Aeronautical Chart Amendment document, for other chart revision information.

MAGNETIC VARIATION FOR 1985 IS APPROXIMATELY 4°E OVER THE ENTIRE AREA.
(Annual Rate of Change, 1" 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 (towers, antennas, etc.).
EXAMPLE: 12,500 feet

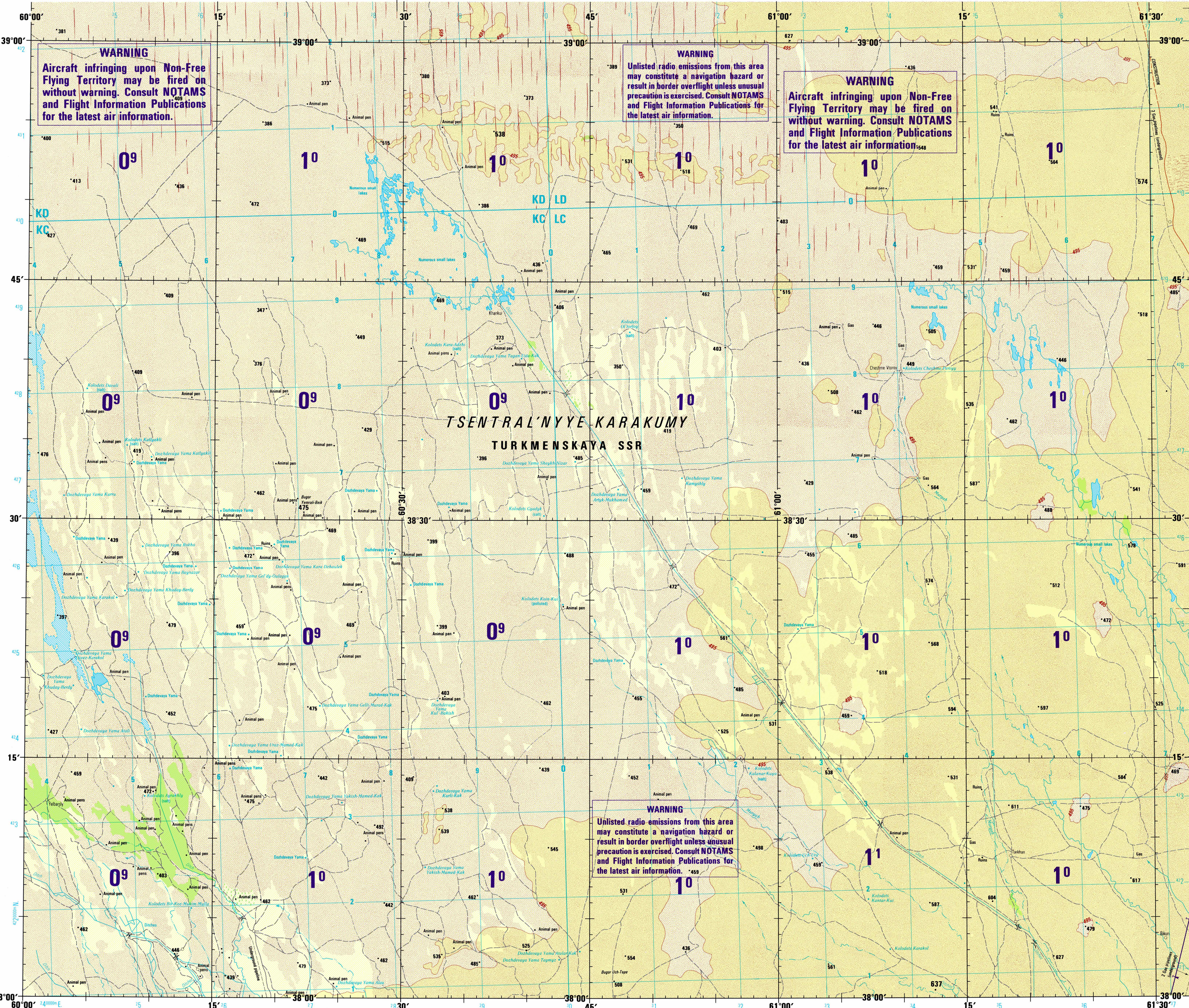
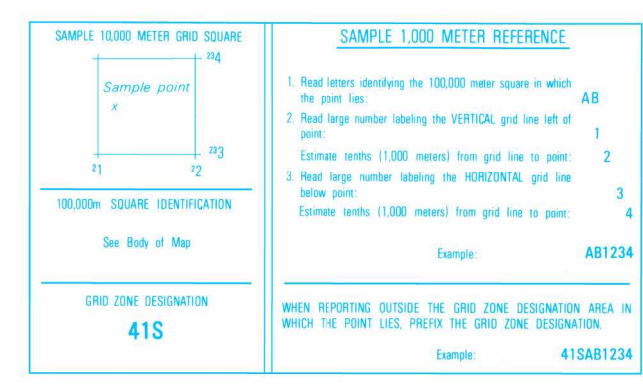


Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C. Compiled in June 1989.

FOR REFERENCING, GRID AND GEOGRAPHIC VALUES MAY BE CONSIDERED AS EITHER EUROPEAN OR WORLD GEODETIC SYSTEM DATUM SINCE POSITION PLOTTING DIFFERENCES ARE NOT SIGNIFICANT AT THIS SCALE.

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



WARNING
Aircraft infringing upon Non-Free Flying Territory may be fired on without warning. Consult NOTAMS and Flight Information Publications for the latest air information.

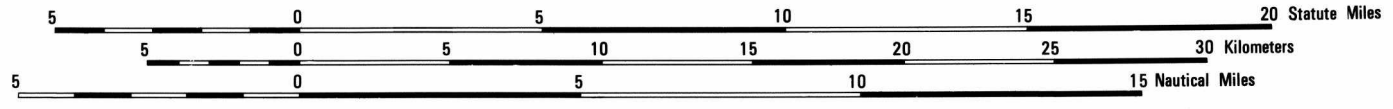
WARNING
Unlisted radio emissions from this area may constitute a navigation hazard or result in border overflight unless unusual precaution is exercised. Consult NOTAMS and Flight Information Publications for the latest air information.

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JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

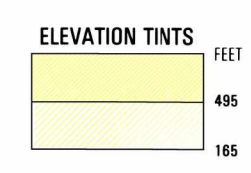
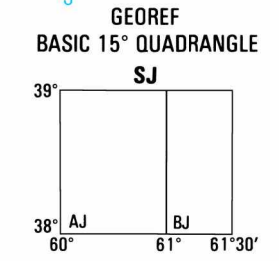


CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 41, WORLD GEODETIC SYSTEM ELLIPSOID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-6899; COMMERCIAL 314-263-4894; OSN 693-4894; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20818-5003.

GLOSSARY
Bugar hill
Dushovaya Yama Dushovaya Yama
Koldobas Koldobas
SSR first order administrative division



RELIABILITY OF THIS GRAPHIC (as determined by standard practices)

Plotting Accuracy	90% Assurance
Horizontal	within 587 ft
Contours	within 82 ft

GRAPHIC FEATURE Date of information

Contours	1989
All other features	1984

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 limits. Other obstructions are shown if they are 200 feet or more above ground level. See caution note.
BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITY
On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.

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