

SERIES 1501 AIR SHEET NM 39-4 EDITION 2

- POPULATED PLACES**
- Over 100,000 **MOSKVA**
 - 50,000 to 100,000 **KUMERTAU**
 - 10,000 to 50,000 **Okha**
 - 2,000 to 10,000 **Kuva**
 - Less than 2,000 **Klerk**
- 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**
 - Track; trail **3 LANES**
 - Route marker **3 LANES**
- RAILROADS**
- Normal gauge 5' (1.52m) **Single track Multiple track**
 - Narrow gauge **Single track Multiple track**
- BOUNDARIES**
- International **International**
 - First-order administrative division **First-order administrative division**
- OTHER FEATURES**
- Landmark **Landmark**
 - Horizontal control point **Horizontal control point**
 - Levee; Burial mound **Levee; Burial mound**
 - Mine **Mine**
 - Dam or lock; Sand **Dam or lock; Sand**
- VEGETATION**
- Woods: Orchard, Vineyard **Woods: Orchard, Vineyard**
- HYDROGRAPHY**
- Well: Perennial; Intermittent **Well: Perennial; Intermittent**
 - Intermittent streams: Single; Double line **Intermittent streams: Single; Double line**
 - Disappearing stream; Swamp or marsh **Disappearing stream; Swamp or marsh**
 - Intermittent lake; Dry lake **Intermittent lake; Dry lake**
- TERRAIN ELEVATION**
- Spot elevations normal; critical **Spot elevations normal; critical**
 - HIGHEST KNOWN elevation is **515** feet at the following coordinates: **515**
 - Geographic: **50°50' N, 49°20' E**
 - Grid: **US3349**

- AERODROMES (Military or Civil)**
- Runway pattern known **EDNA/50's 725**
 - EDNA-Name **EDNA-Name**
 - 50-Length of longest runway to nearest hundreds of feet **50-Length of longest runway to nearest hundreds of feet**
 - Soft or unimproved surface **Soft or unimproved surface**
 - Unknown surface **Unknown surface**
 - 725-Elevation **725-Elevation**
 - Runway pattern unknown **Runway pattern unknown**
- HELIPORT/HELIPAD**
- Runway pattern unknown **Runway pattern unknown**
- RADIO FACILITIES**
- VHF OMNI RANGE (VOR) **VHF OMNI RANGE (VOR)**
 - VORTAC **VORTAC**
 - TACAN **TACAN**
 - VOR WITH DME **VOR WITH DME**
 - Other facilities **Other facilities**
- CONTROLLED AIRSPACE**
- ADIZ **CONUS ADIZ**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction **Obstruction**
 - 1100-Elevation of obstruction top, above sea level. **1100-Elevation of obstruction top, above sea level.**
 - (250)-Elevation of obstruction top, above ground level. **(250)-Elevation of obstruction top, above ground level.**
 - Group obstruction **Group obstruction**
 - Radio facility obstruction **Radio facility obstruction**
 - Power transmission line **Power transmission line**
 - Visual ground sign **Visual ground sign**
 - Aero light; Marine light **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
 9 SEPTEMBER 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.

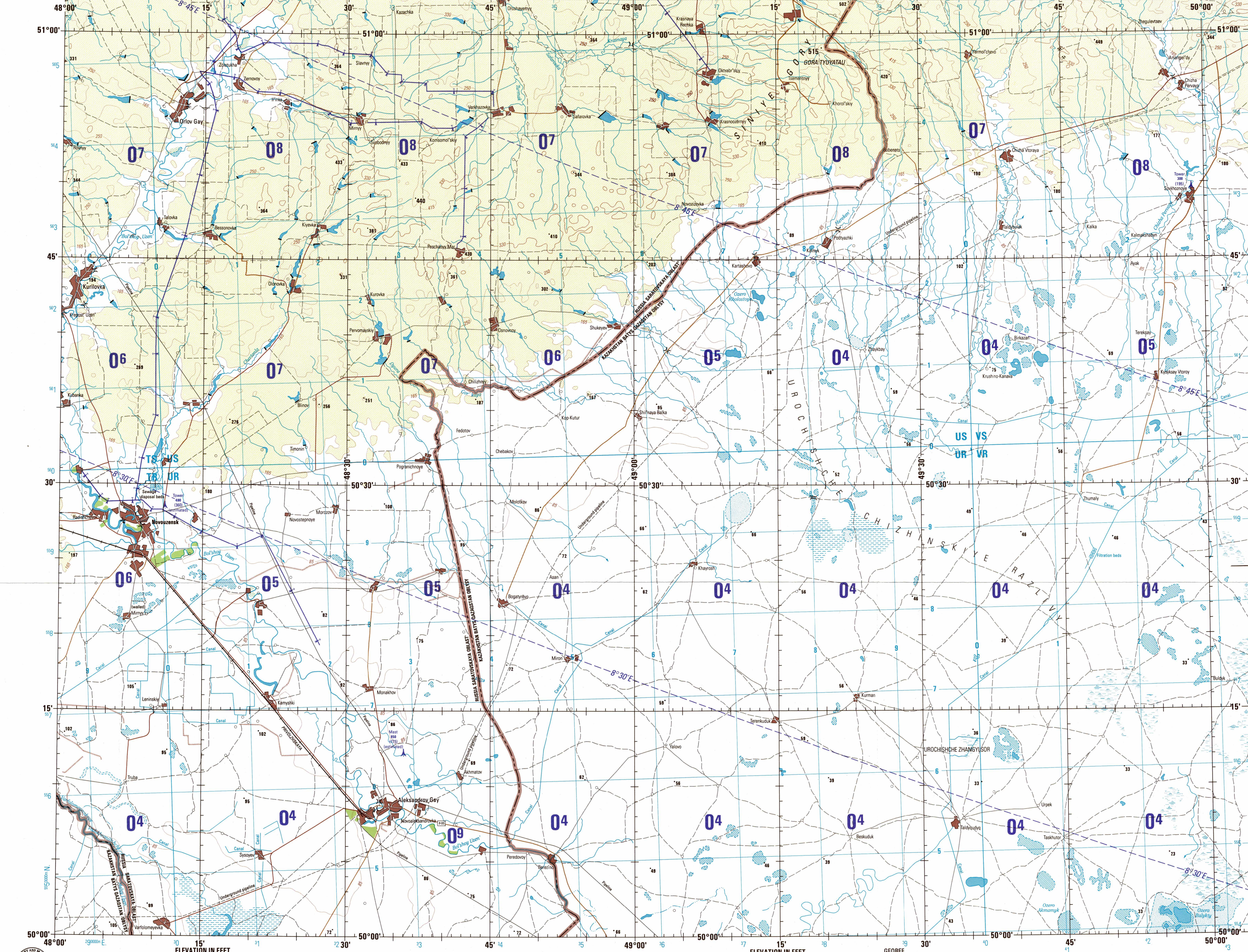
ATTENTION
THIS CHART CONTAINS
MAXIMUM ELEVATION FIGURES (MEF)
 The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).
EXAMPLE: 12,500 feet
125

LOCATION DIAGRAM
 (DNC INDEX SHOWN IN BLUE)
 (WAC INDEX SHOWN IN RED, BROWN)

NM 38-11	180	NM 38-10	NM 38-11	NM 38-12
NM 38-2	185	RUSSIA	235	236
NM 38-3	190	NM 38-1	NM 38-2	NM 38-3
NM 38-4	195	NM 38-4	NM 38-5	NM 38-6
NM 38-8	198	NM 38-7	NM 38-8	NM 38-9
NM 38-11	200	NM 38-10	NM 38-11	NM 38-12

The representation of boundaries is not necessarily authoritative.

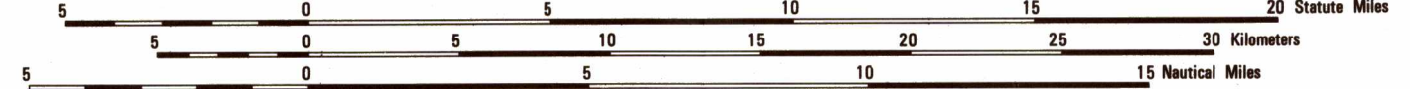
SCALE 1:250,000
NOVOUZENSK, RUSSIA; KAZAKHSTAN
 SERIES 1501 AIR SHEET NM 39-4 EDITION 2
 SERIES 1501 COMPANION SHEETS EDITION 1



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JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000



CONTOUR INTERVAL APPROXIMATELY 85 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 39, WORLD GEODETIC SYSTEM ELLIPSOID

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-405-0899; COMMERCIAL: 314-260-0222; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: CDD, MAIL STOP P-31, 4800 SANGHVI ROAD, BELT RIDGE, MD 20715-0022

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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

COORDINATE CONVERSION WGS 84 TO ED 50:
 Grid: Subtract 0.1; Subtract 0.1
 Geographic: Subtract 0.1° Long, Subtract 0.8° Lat

SAMPLE 1,000 METER GRID SQUARE

SAMPLE 1,000 METER REFERENCE

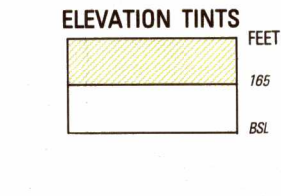
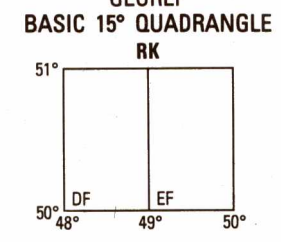
- Read letters identifying the 10,000 meter square in which the point lies.
- Read large number labeling the VERTICAL grid line left of point.
- Read large number labeling the HORIZONTAL grid line below point.
- Read small number labeling the 100 meter grid line to point.

EXAMPLE: AB1234

GRID ZONE DESIGNATION: 39U

GRID ZONE DESIGNATION: 39U

- GLOSSARY**
- Gora: hill
 - Gory: hills
 - Oblast: first-order administrative division
 - Oblyay: first-order administrative division
 - Ozerny: lake, salt lake
 - Urochishche: area
 - Vodokhranilishche: reservoir



RELIABILITY OF THIS GRAPHIC
 (As determined by standard practices)

PLOTTING ACCURACY AREA I AREA II AREA III

90° ASSURANCE	Area I	Area II	Area III
Horizontal	within 450 ft	within 450 ft	within 450 ft
Contours	95 ft	95 ft	95 ft

DATE OF INFORMATION:
 AREA I AREA II AREA III

GRAPHIC FEATURE:
 Contours: 98 99 100 101
 All other features: 92 96 98 99

Graphic net field checked

Horizontal Datum: World Geodetic System 84
 Vertical Datum: Mean Sea Level
 Transverse Mercator Projection

NOTES

Powerlines are shown except within populated place tints. Other obstructions are shown if they are 150 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.

ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.

Road classification should be referred to with caution.

DEFICTION OF INTERNATIONAL BOUNDARIES HAS CHANGED SINCE THE LAST EDITION.

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