

SERIES 1501 AIR
SHEET NO 41-10
EDITION 1

- POPULATED PLACES**
- Over 100,000 **MOSKVA**
 - 50,000 to 100,000 **KUMERTAU**
 - 10,000 to 50,000 **Ozha**
 - 2,000 to 10,000 **Kuva**
 - Less than 2,000 **Klerk**
- ROADS**
- Dual highway **4 LANE'S DUAL**
 - All weather, hard surface **4 LANE'S**
 - More than two lanes wide **4 LANE'S**
 - Two lanes wide **4 LANE'S**
 - One lane wide **4 LANE'S**
 - All weather, loose or light surface **3 LANE'S**
 - More than two lanes wide **3 LANE'S**
 - Two lanes wide **3 LANE'S**
 - One lane wide **3 LANE'S**
 - Fair or dry weather, loose surface **3 LANE'S**
 - Track/trail **3 LANE'S**
 - Route marker **3 LANE'S**
- RAILROADS**
- Normal gauge 5' (1.52m) **3 LANE'S**
 - Single track **3 LANE'S**
 - Multiple track **3 LANE'S**
- BOUNDARIES**
- Narrow gauge **3 LANE'S**
 - International **3 LANE'S**
 - First order administrative division **3 LANE'S**
 - Reservation **3 LANE'S**
- OTHER FEATURES**
- Landmark **3 LANE'S**
 - Horizontal control point **3 LANE'S**
 - Levee, Burial mound **3 LANE'S**
 - Mine **3 LANE'S**
 - Dam or lock; Sand **3 LANE'S**
 - Dunes: Crescent, Lateral, Ripple **3 LANE'S**
 - Woods **3 LANE'S**
- HYDROGRAPHY**
- Well: Permanent, Intermittent **3 LANE'S**
 - Intermittent stream: Single, Double line **3 LANE'S**
 - Disappearing stream; Swamp or marsh **3 LANE'S**
 - Intermittent lake; Dry lake **3 LANE'S**
- TERRAIN ELEVATION**
- Spot elevations normal, critical **3 LANE'S**
 - HIGHEST KNOWN elevation is **1955** feet at the following coordinates: **56° 12' N, 60° 00' E**
 - Geographic Grid **3 LANE'S**
 - The accuracy of all elevations shown on this graphic is within 100 feet.

- AERODROMES (Military or Civil)**
- Runway pattern known **EMVA/50's**
 - EMVA - Runway **725**
 - EMVA - Runway **50** - Length of longest runway to nearest hundreds of feet
 - EMVA - Runway **50** - Soft or unimproved surface
 - EMVA - Runway **50** - Unknown surface
 - EMVA - Runway **725** - Elevation
 - Runway pattern unknown **EMVA/50's**
- HELIPORT/HELIPAD**
- EMVA/50's **EMVA/50's**
- RADIO AIDS TO NAVIGATION**
- VHF OMNI RANGE (VOR) **EMVA/50's**
 - VORTAC **EMVA/50's**
 - TACAN **EMVA/50's**
 - VOR with DME **EMVA/50's**
 - Other facilities **EMVA/50's**
- RADIO FACILITIES**
- RADIO RANGE LF/MF **EMVA/50's**
 - MULTIPLE RADIO FACILITIES **EMVA/50's**
- CONTROLLED AIRSPACE**
- A02Z **EMVA/50's**
 - CONUS A02Z **EMVA/50's**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction **EMVA/50's**
 - 1100 - Elevation of obstruction top, above sea level
 - (250) - Elevation of obstruction top, above ground level
 - Group obstruction **EMVA/50's**
 - Radio facility obstruction **EMVA/50's**
 - Power transmission line **EMVA/50's**
 - Visual ground sign **EMVA/50's**
 - Aero light: Marine light **EMVA/50's**

ATTENTION

THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)

The Maximum Elevation Figures shown in quadrangles headed 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 **125**

LOCATION DIAGRAM

(ICG INDEX SHOWN IN BLUE)

56°	NO	NO	NO	NO	NO
40-5	40-6	41-4	41-5	41-6	41-6
NO	NO	NO	NO	NO	NO
40-8	40-9	41-7	41-8	41-9	41-9
NO	NO	NO	NO	NO	NO
40-11	40-12	41-10	41-11	41-12	41-12
150	150	150	150	150	150
NO	NO	NO	NO	NO	NO
40-2	40-3	41-1	41-2	41-3	41-3
NO	NO	NO	NO	NO	NO
40-6	40-6	41-4	41-5	41-5	41-5

BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITATIVE

CAUTION

Vertical obstructions, including antennas, 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.

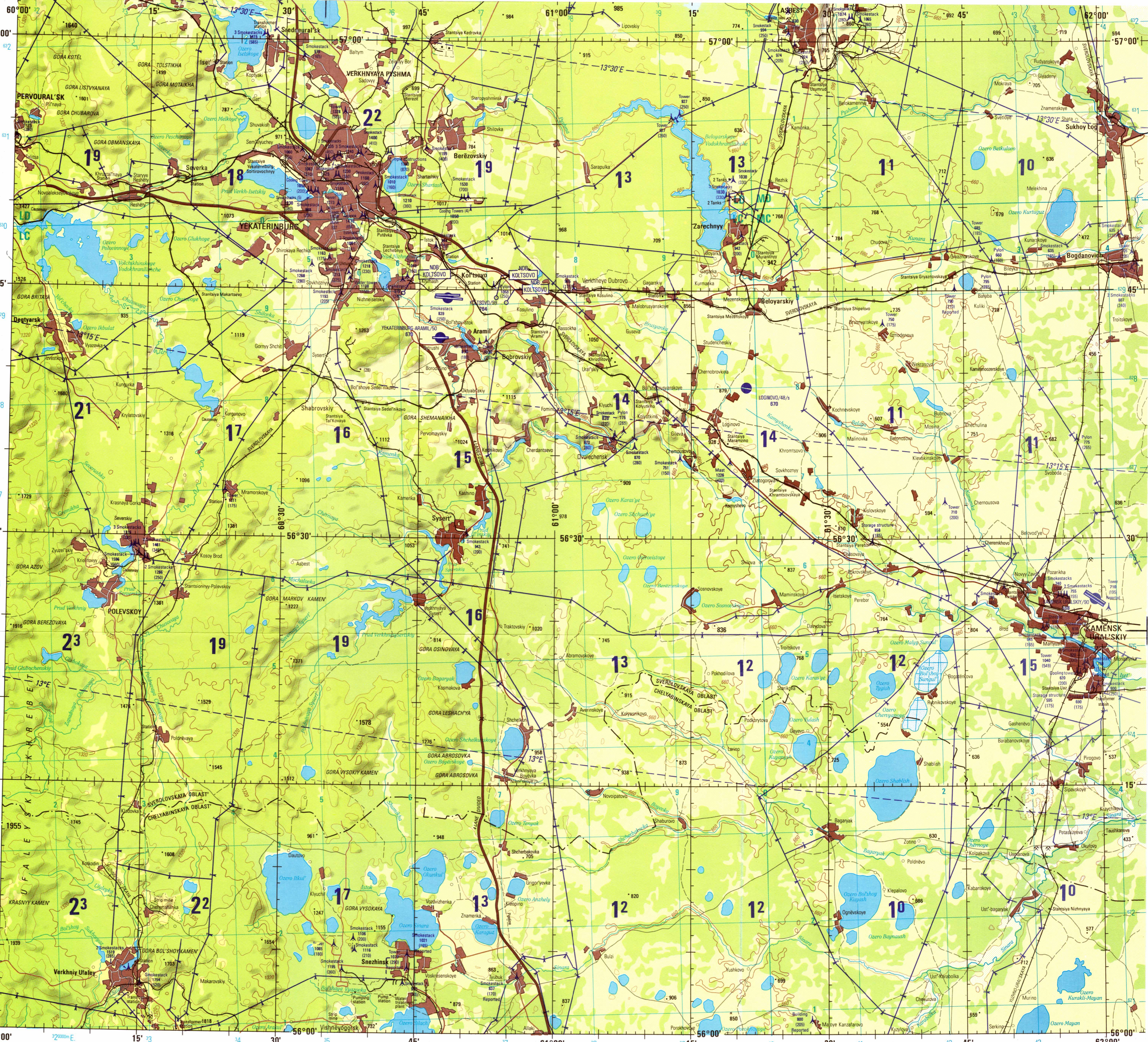
CAUTION

AIR INFORMATION CURRENT THROUGH 15 NOVEMBER 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.

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



JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

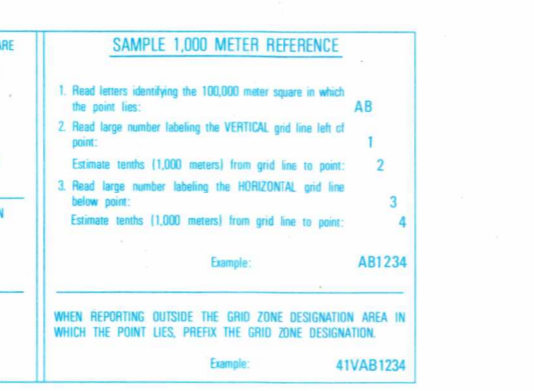
CONTOUR INTERVAL 165 FEET

ELEVATIONS IN FEET

15 Statute Miles

10 Kilometers

10 Nautical Miles



CONTOUR INTERVAL 165 FEET

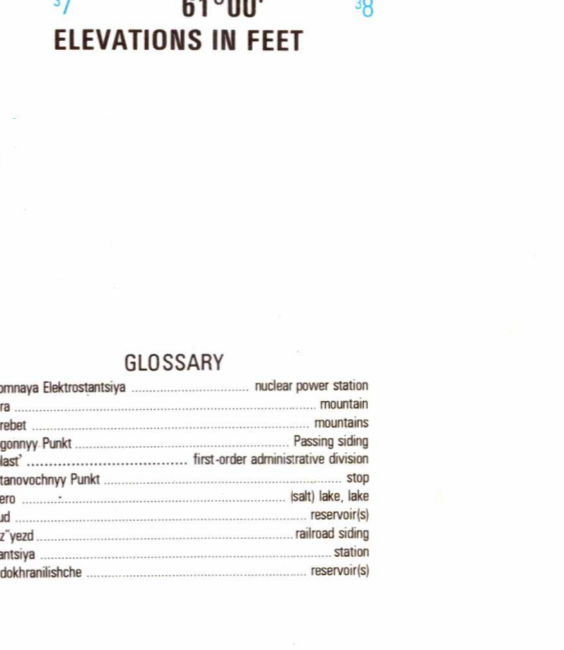
BLUE NUMBERED LINES INDICATE THE 1000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 41, WORLD GEODETIC SYSTEM ELLIPSOID

GLOSSARY

Атомная электростанция nuclear power station
Гора mountain
Климат climate
Огневой пункт firing position
Объект first order administrative division
Огневой пункт firing position
Пункт point
Рельеф relief
Самолет airplane
Водоканал водоснабжения water supply

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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.

BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITATIVE.

A one lane road is from 8 to 18 feet (2.4 to less than 5.5 meters) wide. For roads two or more lanes wide, a lane is considered to be from 5 to 13 feet (2.7 to 4.0 meters) wide.

Caution: Power transmission lines indicated with the vertical obstruction symbol range from 660 to 1700 feet in height above sea level, or from 180 to 285 feet in height above ground level over the entire sheet.

In built-up areas only through routes are classified.

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