FORMER YUGOSLAVIA 1:50,000 | WGS 84 | ISTOK | EDITION 6-NIMA | SERIES M709 | SHEET 3180 IV

ISTOK, *Serbia** 3180 IV M709 EDITION 6-NIMA

Prepared and published by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1998

Scale 1:50,000

CONTOUR INTERVAL 20 METERS

ELEVATIONS IN METERS

ELLIPSOID ..... WORLD GEODETIC SYSTEM 1984
GRID ..... 1,000 METER UTM ZONE 34
PROJECTION ..... TRANSVERSE MERCATOR
VERTICAL DATUM ..... MEAN SEA LEVEL
HORIZONTAL DATUM ..... WORLD GEODETIC SYSTEM 1984
PRINTED BY ..... NIMA 12-99

COORDINATE CONVERSION WGS 84 TO ED 50
Grid: Add 59m.E.; Add 187m.N.
Geographic: Add 2.7" Long.; Add 3.3" Lat.

GRID CONVERGENCE 0°18' (5½ MILS) FOR CENTER OF SHEET

1995 G-M ANGLE 2½° (40 MILS)

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH ADD G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH SUBTRACT G-M ANGLE

LEGEND

POPULATED PLACES
Densely built-up areas
Sparsely to moderately built-up areas
Destroyed areas

ROADS
All weather, hard surface: Two or more lanes wide; One lane wide
All weather, loose surface: Two or more lanes wide; One lane wide
Fair or dry weather, loose surface
Track
Trail
Route markers: International; National; Secondary

BOUNDARIES
International
Former republic
Kosovo external administrative boundary as agreed under the Military Technical Agreement between KFOR and the government of the FRY
Kosovo external administrative boundary as agreed under the Military Technical Agreement between KFOR and the government of the FRY
Extent of the Ground Safety Zone as defined in the Military Technical Agreement between KFOR and the government of the FRY

MISCELLANEOUS CULTURAL FEATURES
Destroyed building; Building; School
Church; Mosque; Marabout
Cemetery: Christian; Islamic
Located object; Well; Tank
Mine: Active; Abandoned
Bridge; Culvert
Tunnel: Road
Fence
Landmark area
Area name

OBSTRUCTIONS
Elevation of obstruction top above sea level (≥ 46m)
Elevation of obstruction top above ground level (≥ 46m)
High tension powerlines
Catenary powerlines
Telephone or telegraph line

DRAINAGE
Streams: Less than 25m wide; 25m wide or more
Spring
Well
Lakes: Perennial; Intermittent; Dry
Swamp; Land subject to natural inundation
Cistern; Dissipating stream

VEGETATION
Orchard; Vineyard
Scrub; Scattered trees
Woodlands: Evergreen; Deciduous; Mixed

MISCELLANEOUS RELIEF
Spot elevation: Highest (Approximate); Normal
Depression; Embankment
Cliff ≥ contour interval; Cliff < contour interval
Cut ≥ contour interval; Cut < contour interval
Fill ≥ contour interval; Fill < contour interval

NOTES

A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE.

IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED.

ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.

CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.

THE NUMBER IN PARENTHESES (1) FOLLOWING A TOWN NAME INDICATES THAT MORE THAN ONE TOWN IS SO NAMED.

GLOSSARY

Brdo ..... mountain, peak, slope
Breg ..... hill, mountain
Do ..... valley
Glava ..... mountain, peak
Glave ..... hills
Gora ..... mountain(s)
Jezero ..... lake
Klisura ..... gorge
Krš ..... mountain, peak
Planina ..... mountain(s)
Potok ..... stream
Reka ..... stream
Voda ..... spring
Vrh ..... mountain, peak

CONVERSION GRAPH

(1 meter = 3.28 feet)

Meters / Feet: 1100/3600, 1000/3300, 900/3000, 800/2700, 700/2300, 600/2000, 500/1700, 400/1400; 1800/5900, 1700/5600, 1600/5300, 1500/5000, 1400/4600, 1300/4300, 1200/3900, 1100/3700; 2000/6500, 1900/6400, 1800/6300, 1700/6100, 1600/6000

SAMPLE 1,000 METER GRID SQUARE

46 / 12 / 13 / 45 / SAMPLE POINT

100,000 M. SQUARE IDENTIFICATION: DN

GRID ZONE DESIGNATION: 34T

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point: 12 3
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point: 45 6

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: DN123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 34TDN123455

USERS SHOULD REFER CORRECTIONS, ADDITIONS, OR COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0899; COMMERCIAL 314-260-5032; DSN 490-5032; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: COD, MAIL STOP P-37, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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BOUNDARIES

Boundary representation is not necessarily authoritative.

Names and boundaries of administrative divisions in Serbia are not available.

*Serbia and Montenegro have asserted the formation of a joint independent state, but this entity has not been formally recognized as a state by the United States.

Boundary depiction has been changed since the previous edition.

ADJOINING SHEETS

3081 II | 3181 III | 3181 II
Montenegro* | Serbia*
3080 I | 3180 IV | 3180 I
Montenegro* | Serbia*
3080 II | 3180 III | 3180 II
ALBANIA

Sheet 3180 IV falls within NK 34-5, 1501, 1:250,000.

SLOPE GUIDE

PERCENTAGE / DEGREE
15% 8.5° | 14% 8.0° | 13% 7.4° | 12% 6.9° | 11% 6.3° | 10% 5.7° | 9% 5.2° | 8% 4.6° | 7% 4.0° | 6% 3.4° | 5% 2.9°
A B C

AB - HORIZONTAL DISTANCE BETWEEN CONTOURS
AC - HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

ELEVATION GUIDE

Highest / High / Medium / Low

THIS MAP IS RED-LIGHT READABLE

WGS 84

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