FORMER YUGOSLAVIA 1:100,000 WGS 84

ŠTIP (EAST)

EDITION 1-NIMA SERIES M6010 SHEET 3478

One second of longitude equals 23.01m

PONIKVA 5.0 km KAMENICA 2.1 km LUKOVICA 3.2 km

MERKAD 7.4 km ŠTIP 7.5 km SOPILARI 8.0 km PEPELIŠTE 10 km ZVEGOR 0.7 km GRAD 5.8 km TRABOTIVIŠTE 6.8 km DONJE MAKOVO 0.2 km DIVOŠTE 14 km

One second of latitude equals 30.85m

STRUMICA 6.5 km PETRALINCI 3.5 km

Prepared and published by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1994

LEGEND

POPULATED PLACES
- Densely built-up areas
- Sparsely built-up areas

ROADS
- All weather, hard surface: Divided highway — I 4 LANES
- Two or more lanes wide — 4 LANES
- One lane wide
- All weather, loose surface: Two or more lanes wide — I 4 LANES
- One lane wide
- Fair or dry weather, loose surface
- Track; Trail
- Route marker: International; National; Secondary — E10; 27; 20

RAILROADS — Single Track — Multiple Track
- Normal gauge 1.44m (4' 8½")
- Narrow gauge
- Electrified
- Station

BOUNDARIES
- International
- Former republic
- Province

MISCELLANEOUS CULTURAL FEATURES
- Building; Church; Mosque; School
- Cemetery: Christian; Islamic
- Hospital; Heliport
- Airport: Facility; Airfield/Runway
- Tank; Located object — Oil; Silo
- Well; Landmark area — Oil
- Dam — Masonry; Earthen
- Mine: Active; Abandoned
- Culvert; Fence
- Bridge; Pedestrian bridge

OBSTRUCTIONS (46m or higher) — Single — Group
- Elevation of obstruction top above sea level — 430
- Elevation of obstruction top above ground level — (70)
- High tension powerlines — < 46m — ≥ 46m
- Catenary suspension powerline

DRAINAGE — Perennial — Intermittent
- Stream: Less than 50m wide
- 50m wide or more
- Ditch: Less than 50m wide
- Spring
- Well
- Lake: Perennial; Intermittent; Dry
- Swamp; Land subject to natural inundation
- Stream: Disappearing; Dissipating

MISCELLANEOUS RELIEF
- Spot elevation: Highest; Normal — *1754 *83
- Horizontal control point; Depression
- Escarpment — < Contour interval — ≥ Contour interval
- Cut line
- Fill
- Sand; Gravel; Distorted surface

VEGETATION
- Woodland: Coniferous; Deciduous; Mixed
- Scrub; Orchard; Scattered trees
- Vineyard; Rice; Hedgerow
- Area name — PAUNOVO

NOTES

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

ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.

IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED.

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

THE NUMBER IN PARENTHESIS, "(1)", FOLLOWING THE POPULATED PLACE NAME INDICATES THAT MORE THAN ONE PLACE IS SO NAMED ON THIS MAP.

CAUTION: POWER TRANSMISSION LINES INDICATED WITH THE VERTICAL OBSTRUCTION SYMBOL RANGE FROM 490 TO 773 METERS IN HEIGHT ABOVE SEA LEVEL AND FROM (55) TO (85) METERS IN HEIGHT ABOVE GROUND LEVEL OVER THE ENTIRE SHEET. (NOT ALL HEIGHTS ARE KNOWN.)

GLOSSARY

Brdo	mountain,peak
Češma	spring
Češmi	springs
Čuka	peak
Čukar	mountain
Dol	stream
Ezero	lake
Glava	mountain,peak
Kladenec	spring(s)
Planini	mountains
Reka	stream
Rid	mountain, hill
Stanica	railroad station
Vrv	mountain

CONVERSION GRAPH

(1 meter = 3.28 feet)

Meters 1000 900 800 700 600 500 400 300 200 — Feet 3200 3100 3000 2900 2800 2700 2600 2500 2400 2300 2200 2100 2000 1900 1800 1700 1600 1500 1400 1300 1200 1100 1000 900 800 700

Meters 1800 1700 1600 1500 1400 1300 1200 1100 1000 — Feet 5900 5800 5700 5600 5500 5400 5300 5200 5100 5000 4900 4800 4700 4600 4500 4400 4300 4200 4100 4000 3900 3800 3700 3600 3500 3400 3300

Scale 1:100,000

1 0 1 2 3 4 5 6 7 8 9 10 Kilometers

1 0 1 2 3 4 5 6 7 Statute Miles

1 0 1 2 3 4 5 6 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 40 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 5-99

COORDINATE CONVERSION WGS 84 TO ED 50
Grid: Add 61m E., Add 185m N.
Geographic: Add 2.5" Long., Add 3.3" Lat.

SAMPLE 1,000 METER GRID SQUARE

100,000 M SQUARE IDENTIFICATION

EM FM
EL FL
40C

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: FM123456

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

Example: 34TFM123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND 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 SAVGAMORE ROAD, BETHESDA, MD 20816-5003.

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GRID NORTH — MAGNETIC NORTH — TRUE NORTH

GRID CONVERGENCE 1°00' (18 MILS) FOR CENTER OF SHEET

1995 G-M ANGLE 1½° (30 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

* 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 U.S.

** The Former Yugoslav Republic of Macedonia

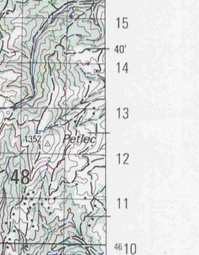
Names and boundaries of administrative divisions in The Former Yugoslav Republic of Macedonia are not available.

BOUNDARIES

THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA

Boundary representation is not necessarily authoritative.

ADJOINING SHEETS



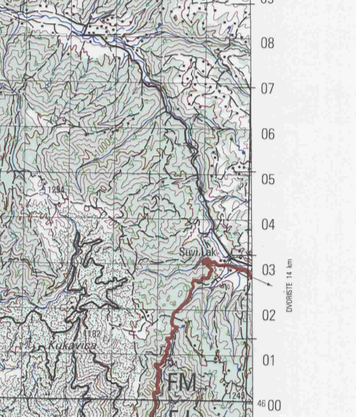
For index purposes only - not necessarily an indication of published matter.

Sheet 3478 falls within NK 34-9, 1501A, 1:250,000.

SLOPE GUIDE

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

ELEVATION GUIDE



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THIS MAP IS RED-LIGHT AND BLUE/GREEN-LIGHT READABLE

WGS 84

NSN 7643014644314
NIMA REF. NO. M60103478
ED. NO. 001

ŠTIP (EAST), THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA
3478 M6010 EDITION 1-NIMA