



Nile Basin Initiative



E. Nile Technical Regional Office (ENTRO)
Nile Basin Initiative Trust Fund / IDA

Eastern Nile Watershed Management Project Cooperative Regional Assessment (CRA) for Watershed Management

TRANSBOUNDARY ANALYSIS ATLAS OF MAPS SUB-BASINS



June 2007

The Consortium:



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COMATEX NILOTICA

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TRANSBOUNDARY ANALYSIS

EN SUB-BASINS

ATLAS OF MAPS

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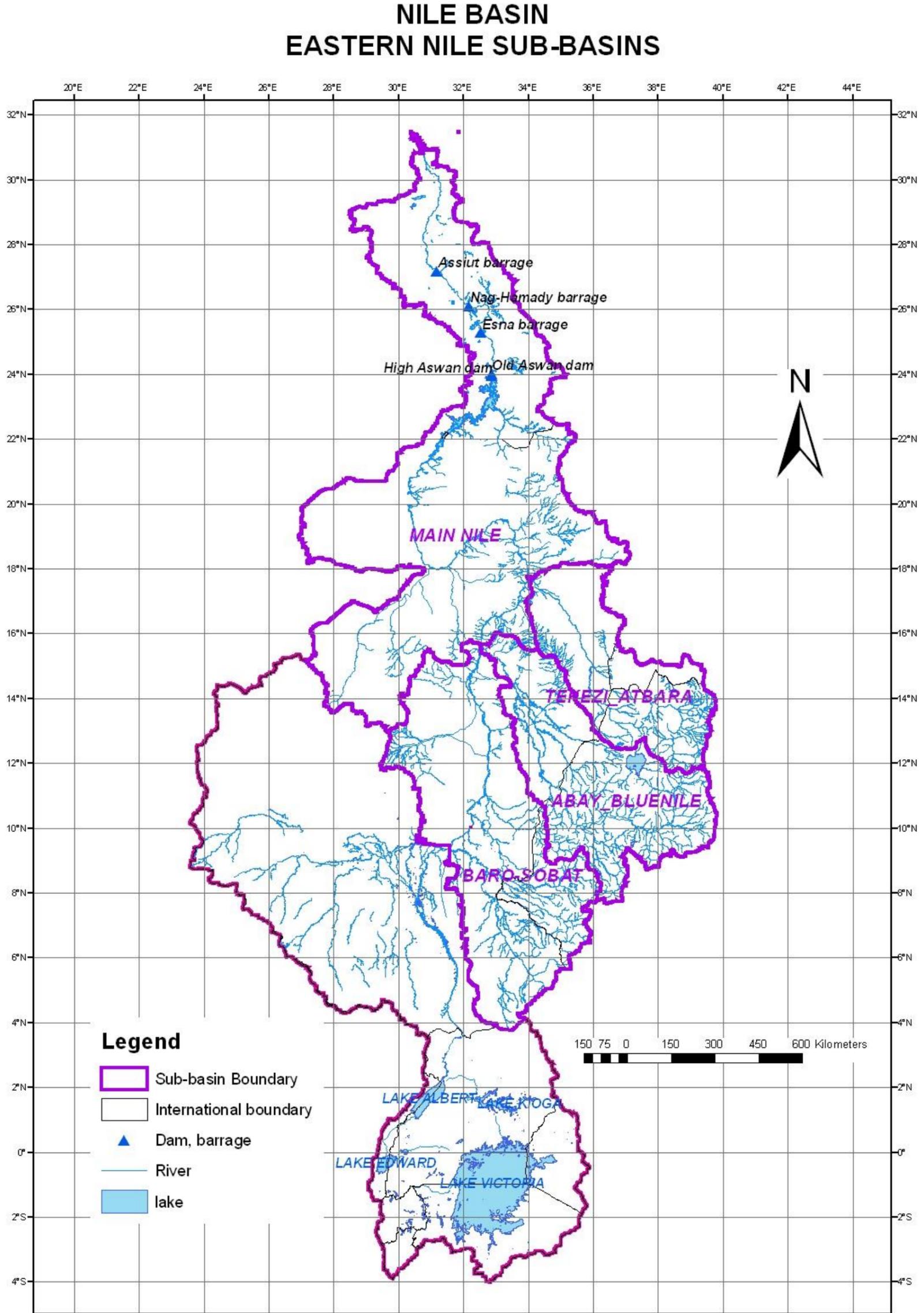
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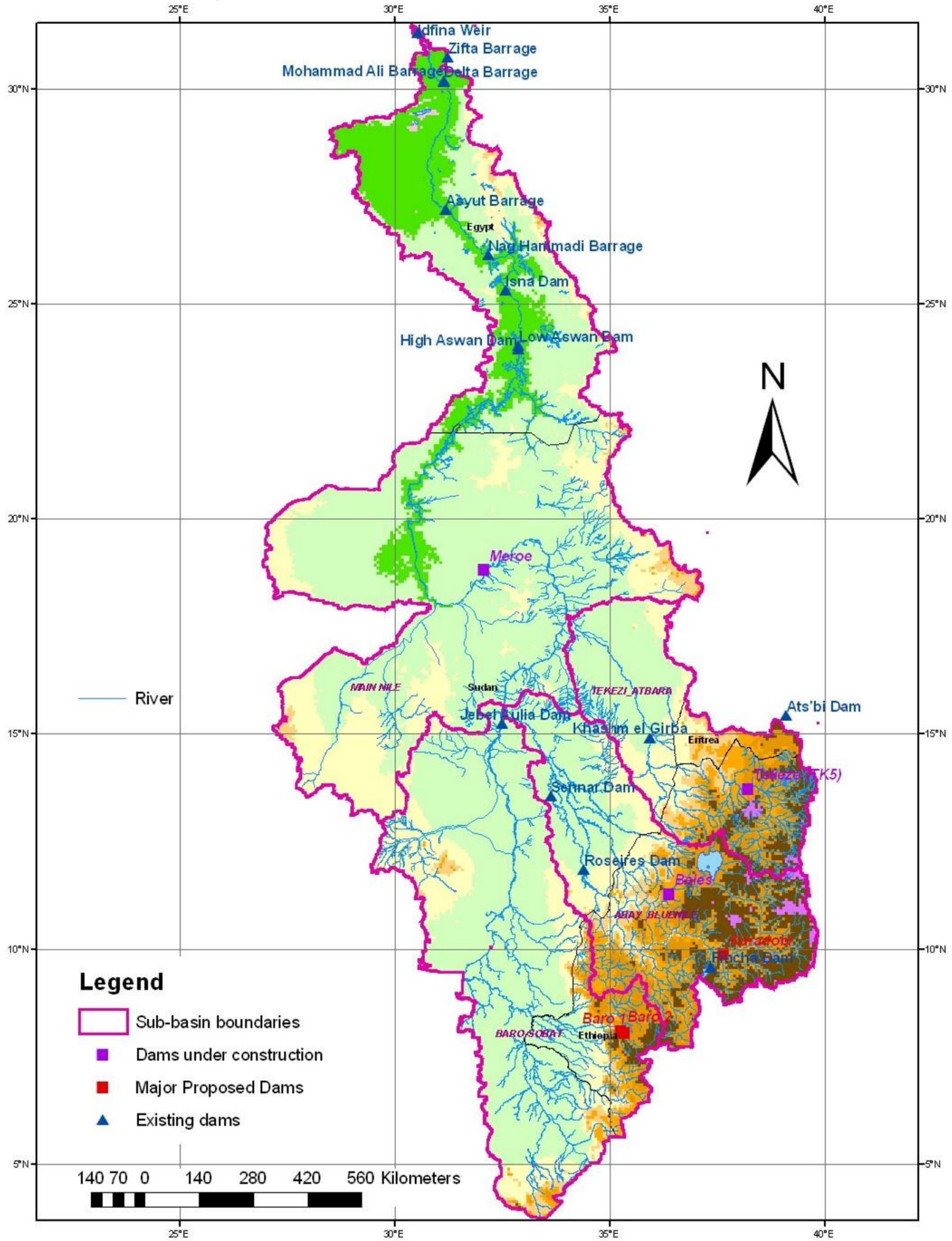
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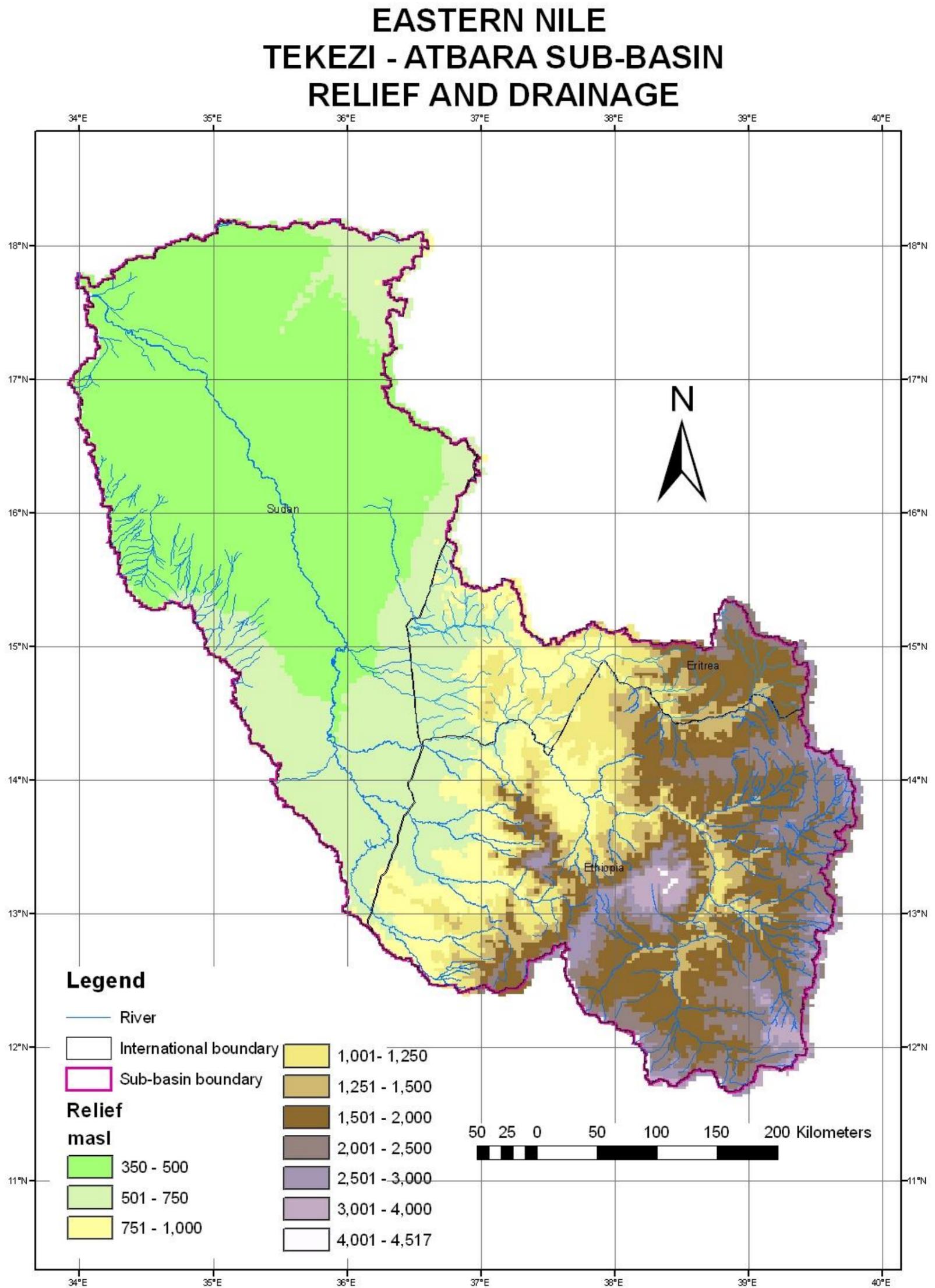
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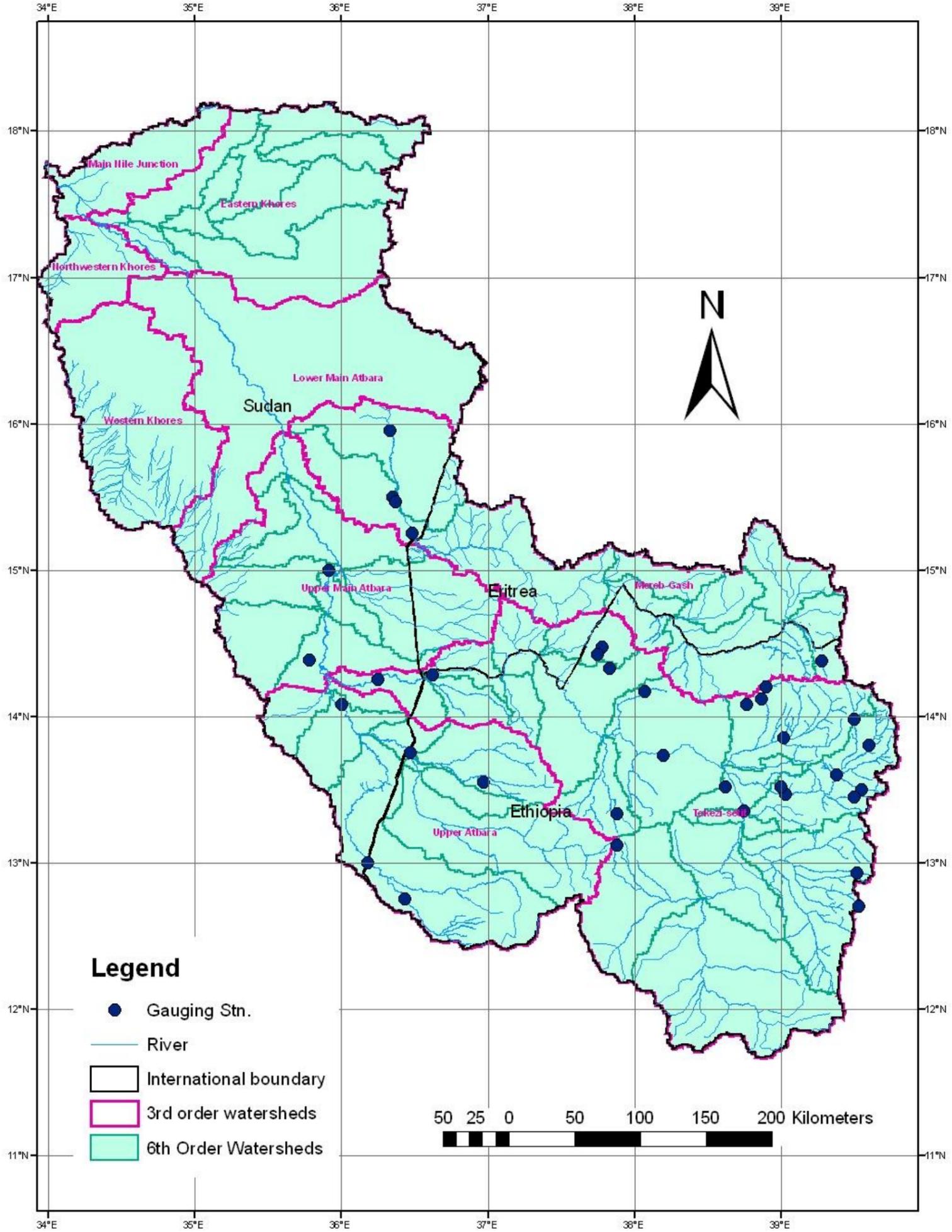
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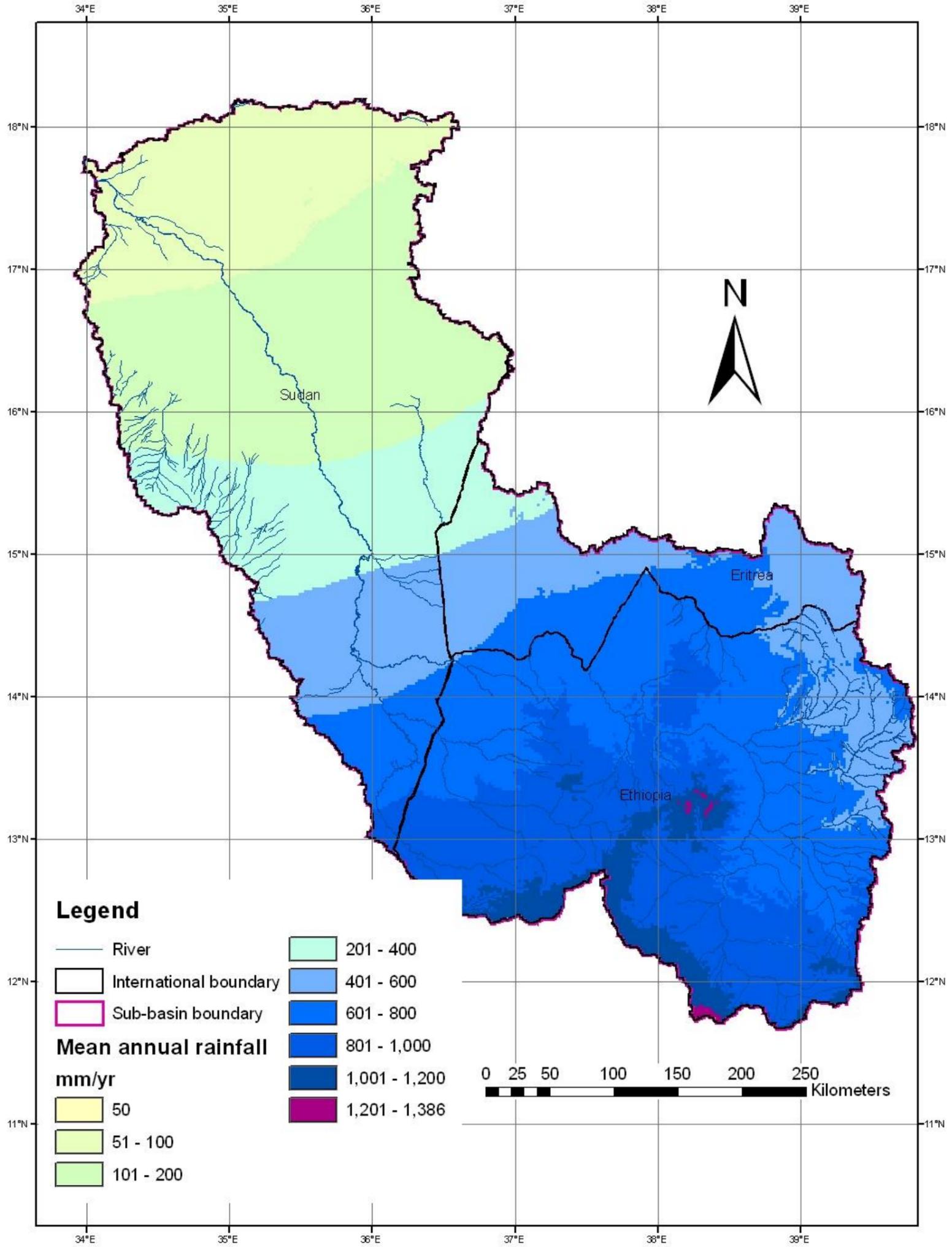
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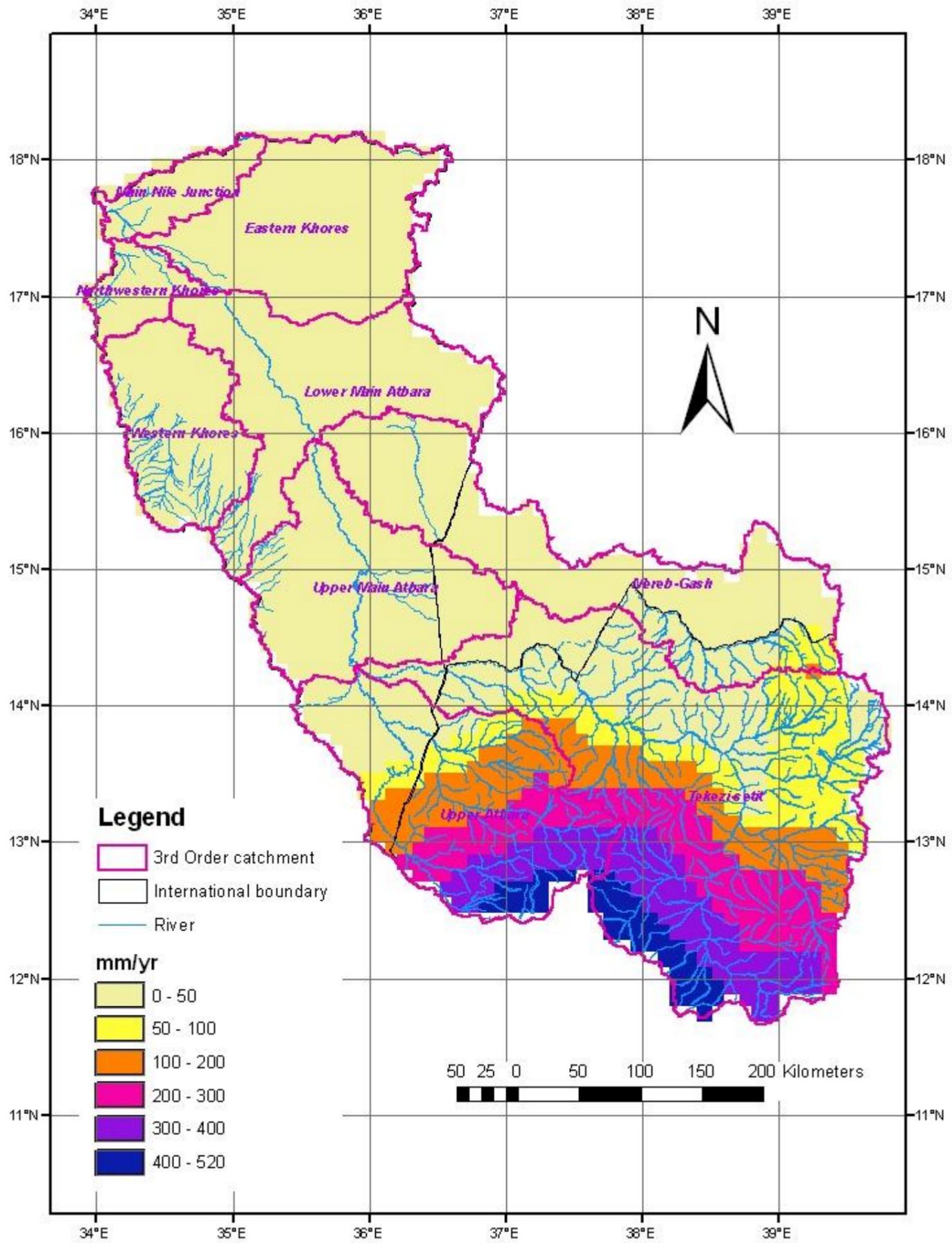
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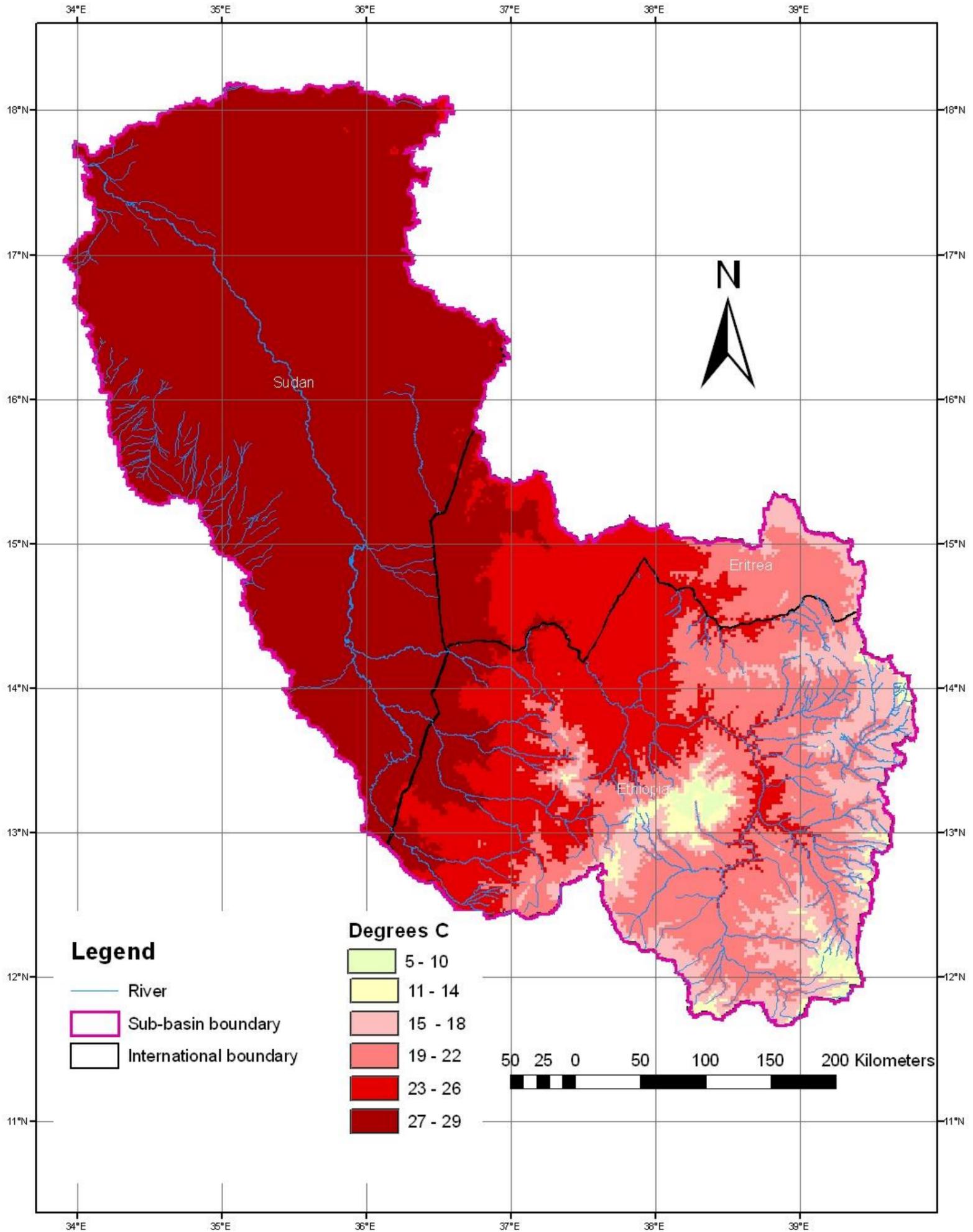
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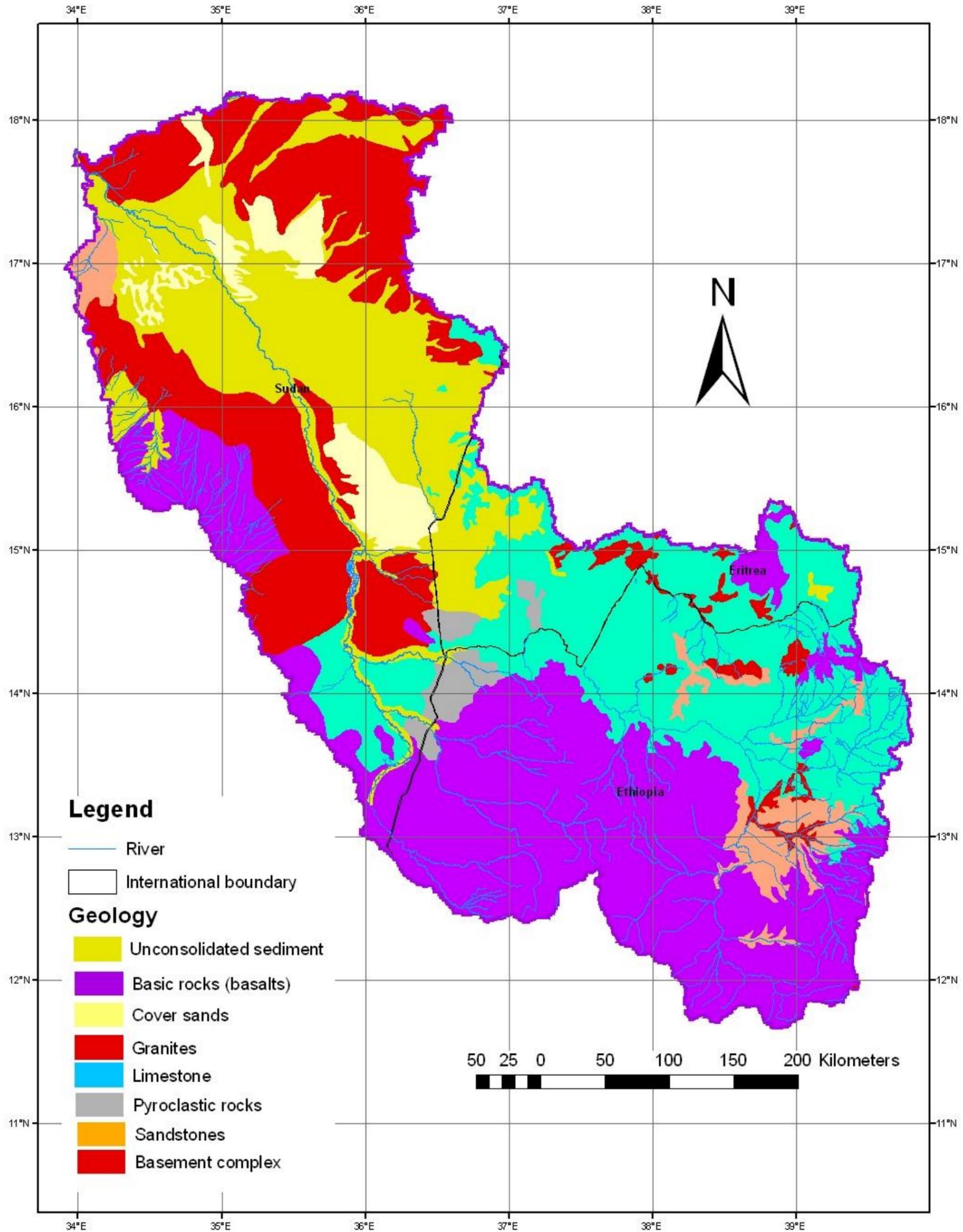
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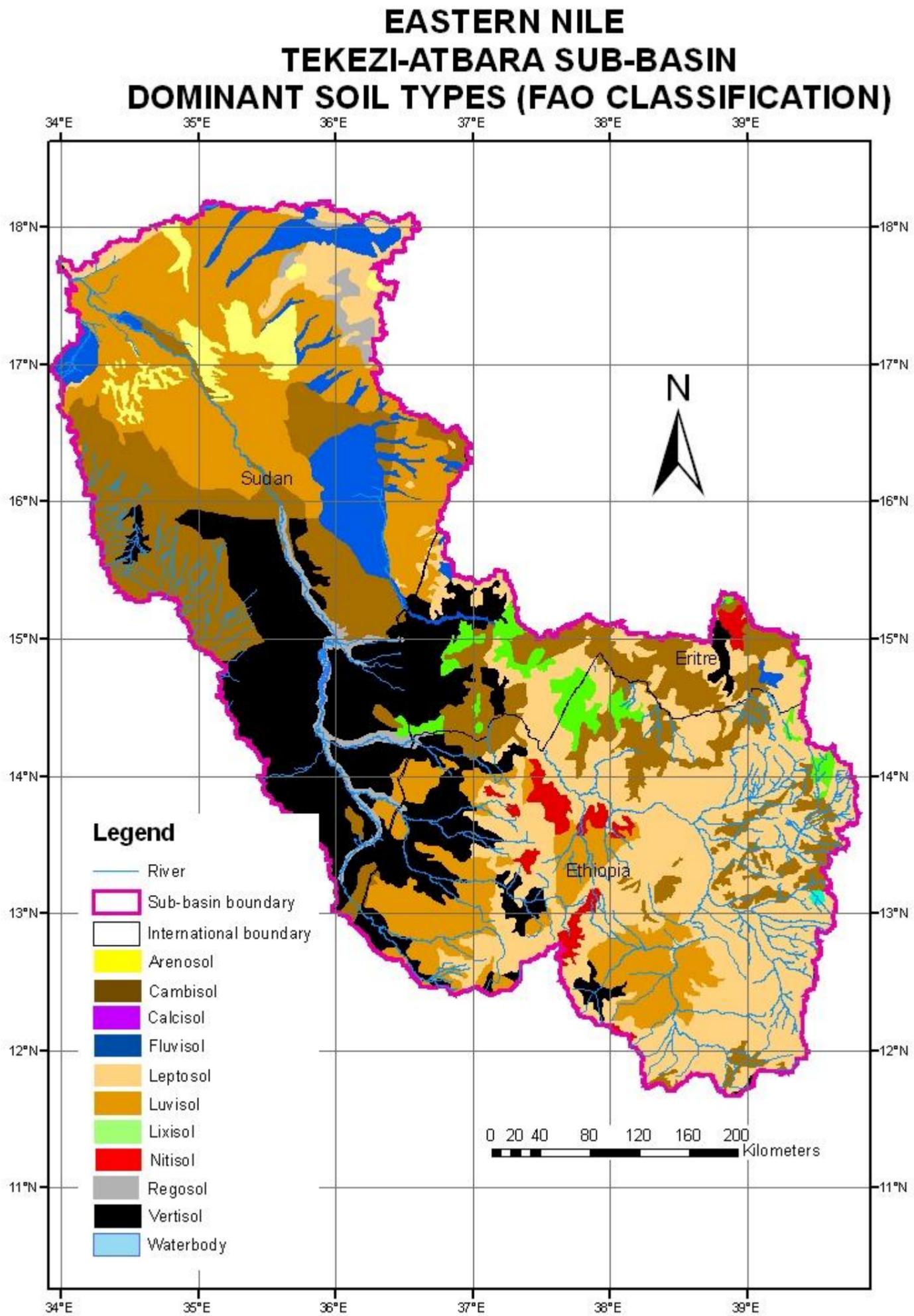


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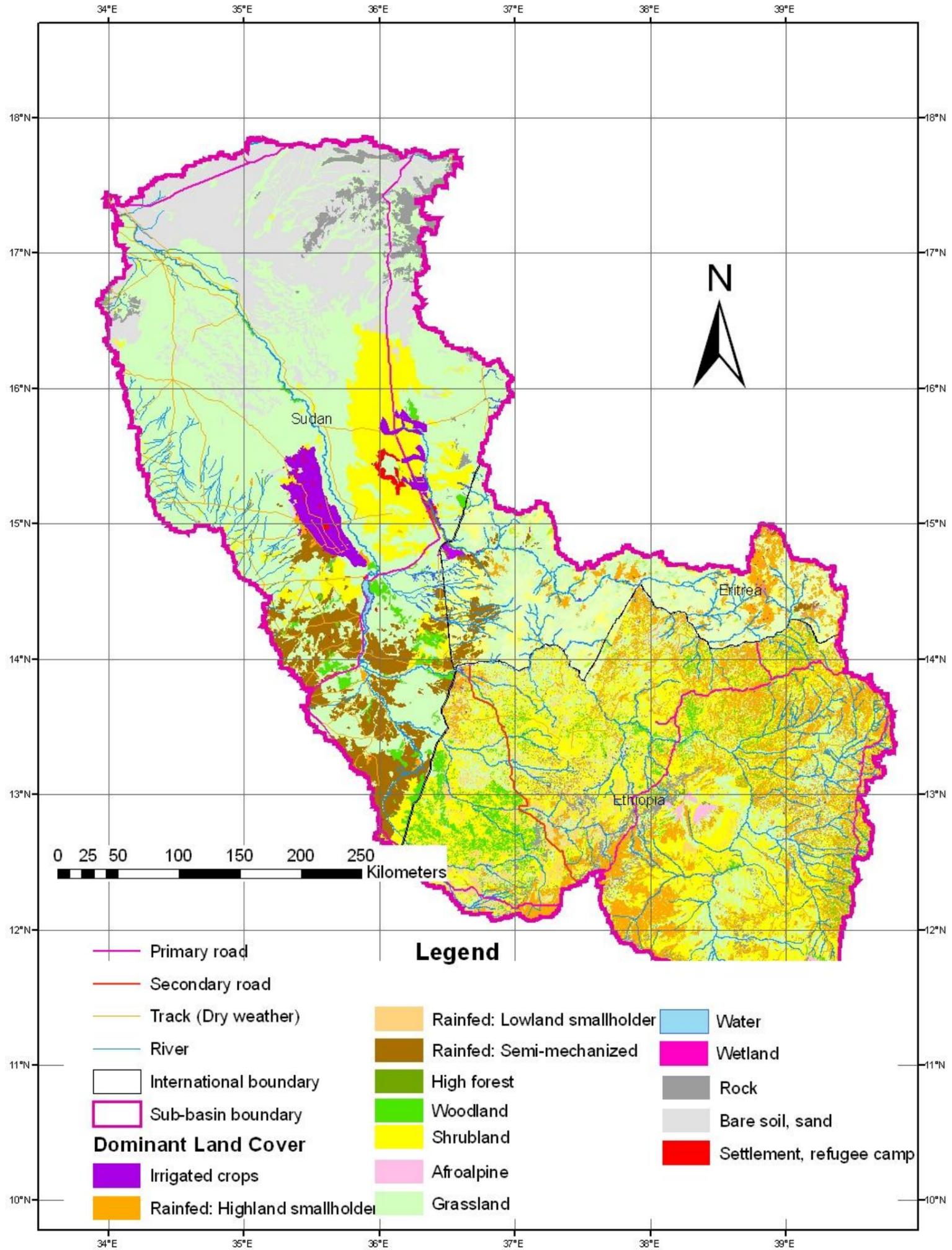


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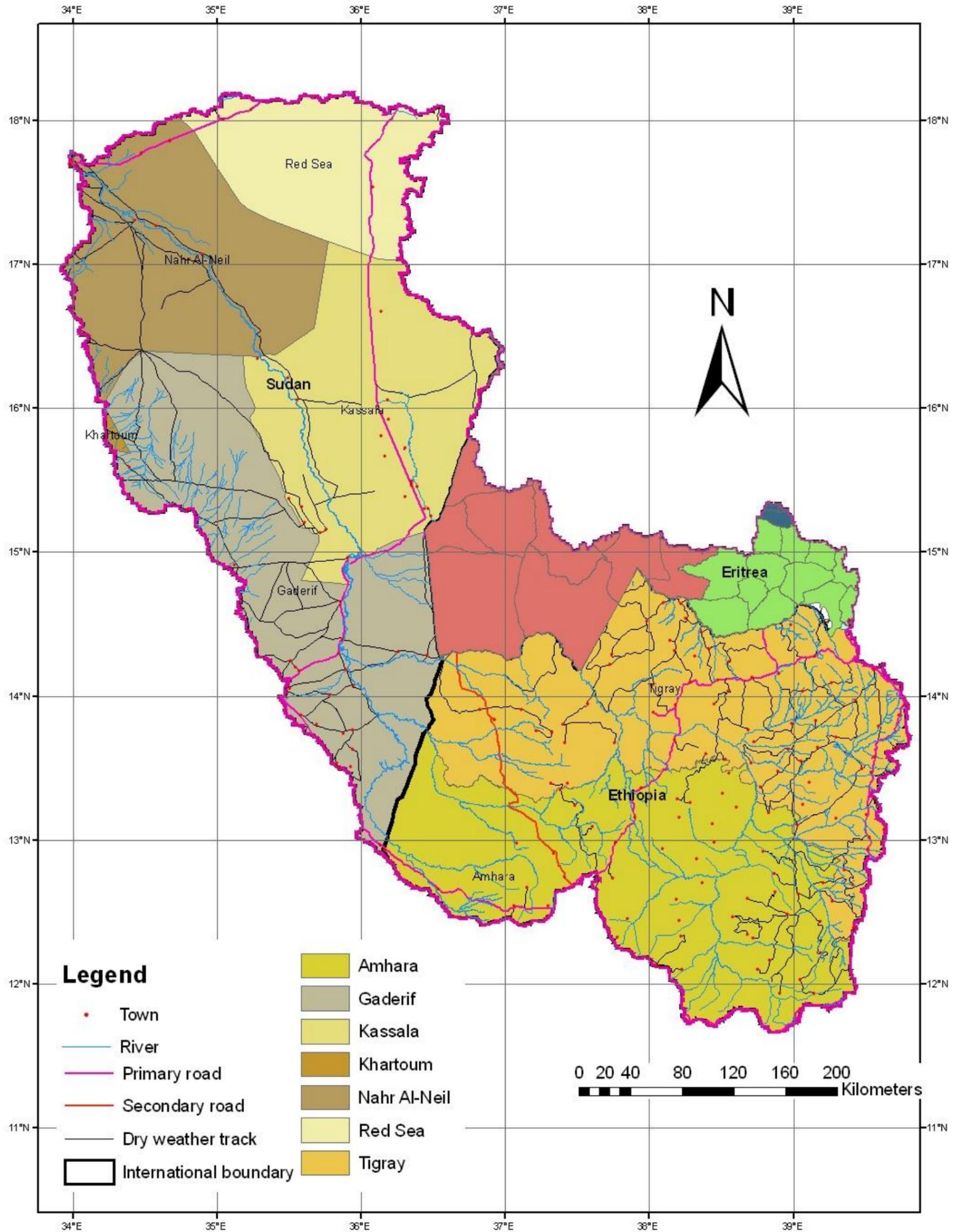
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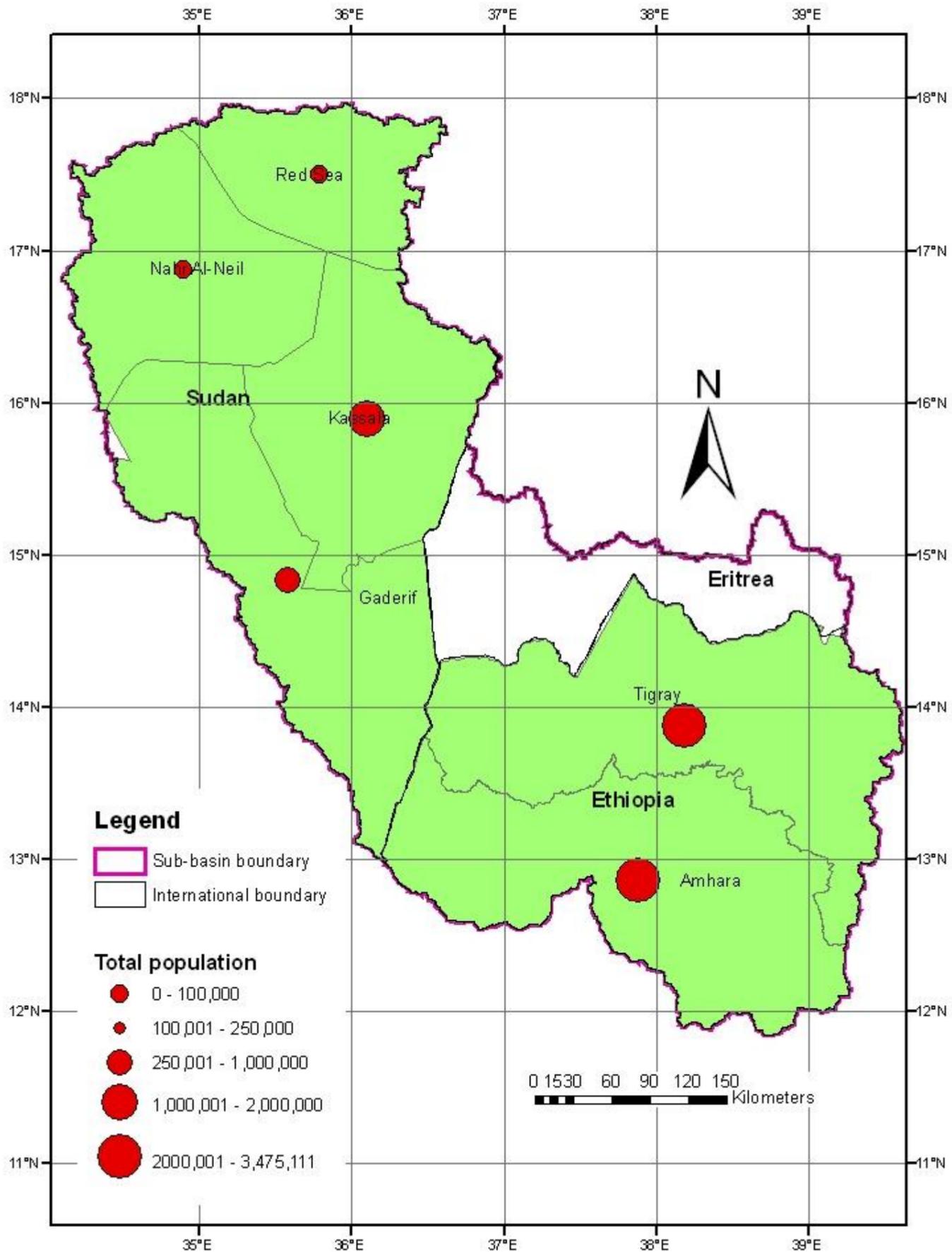
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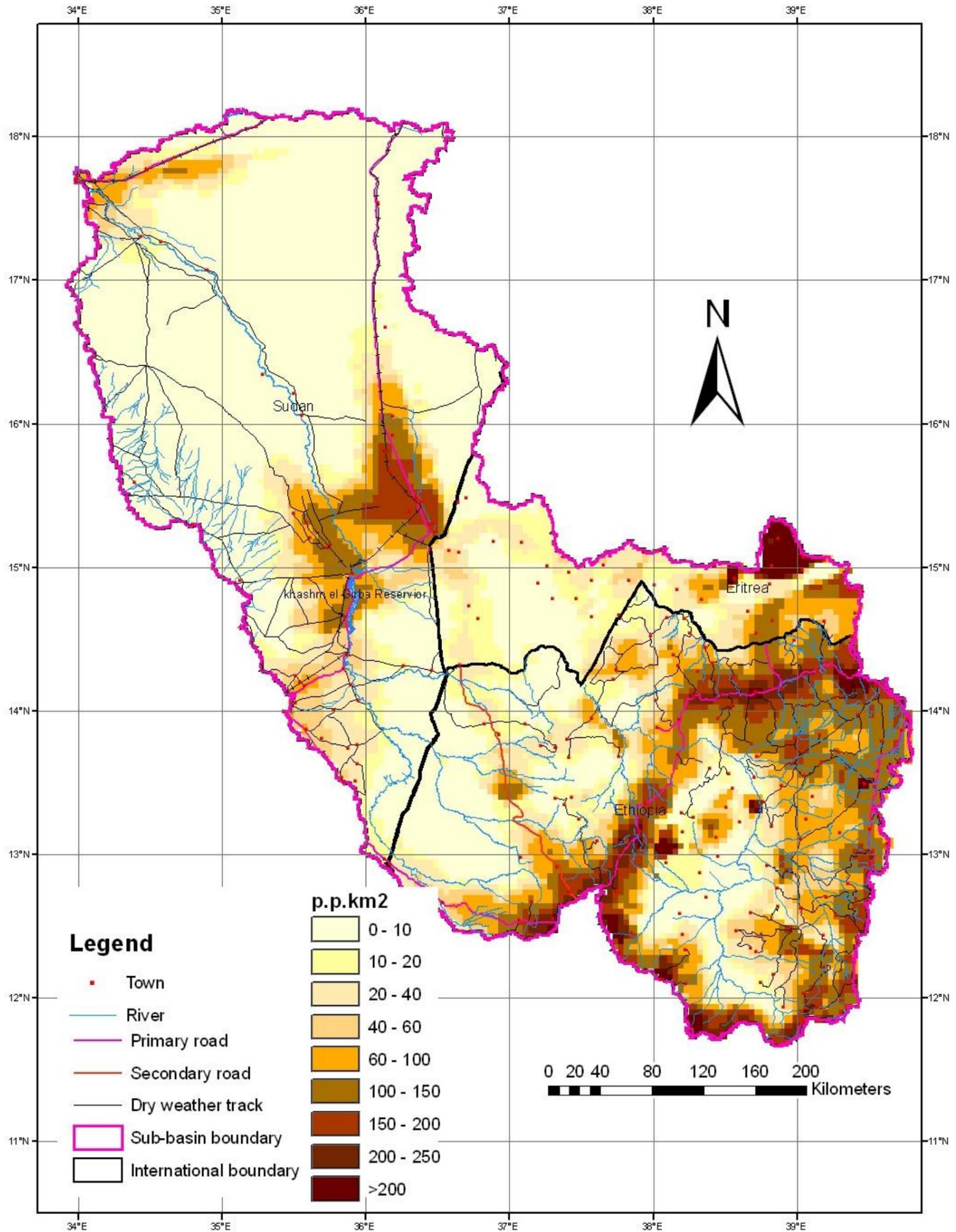
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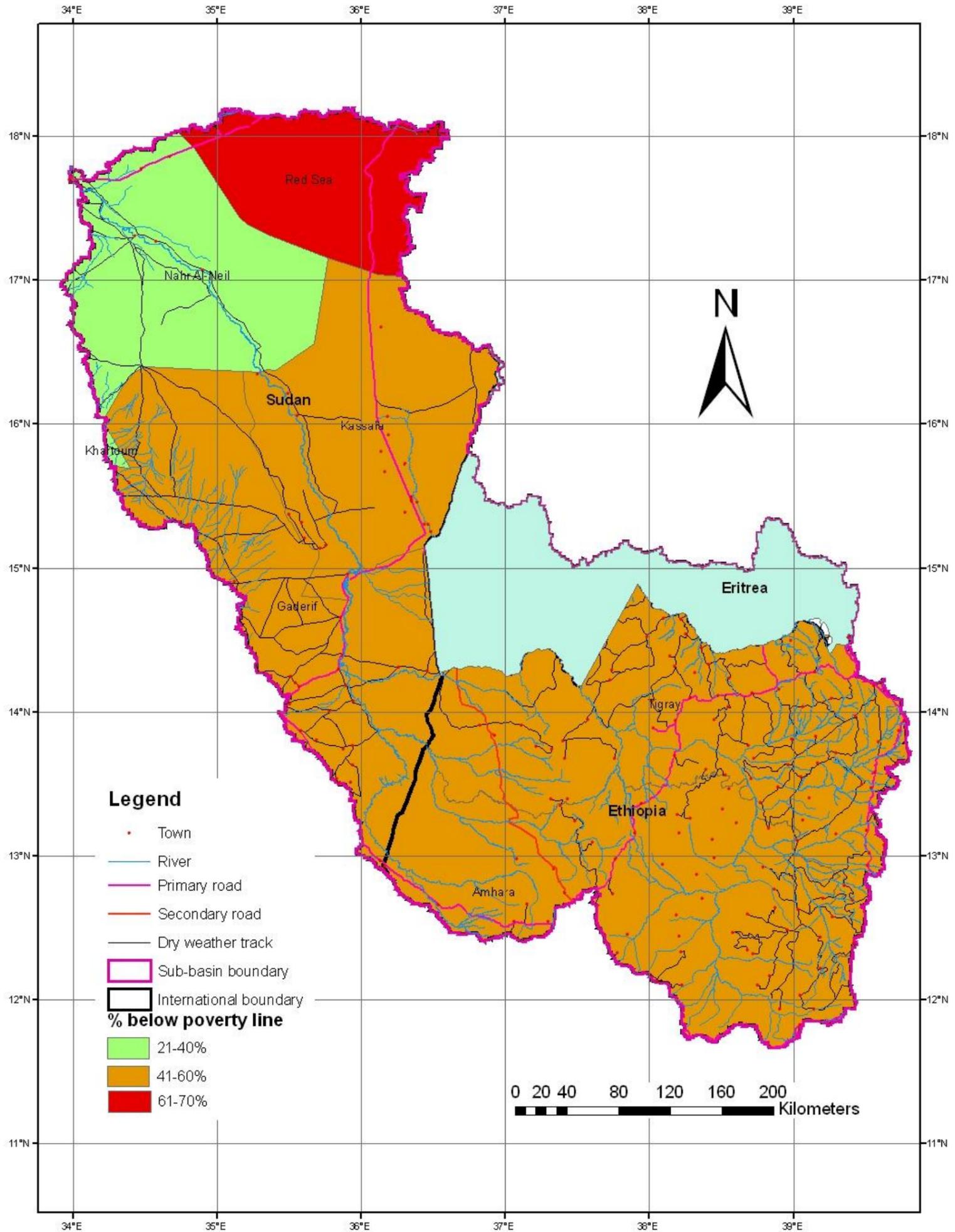
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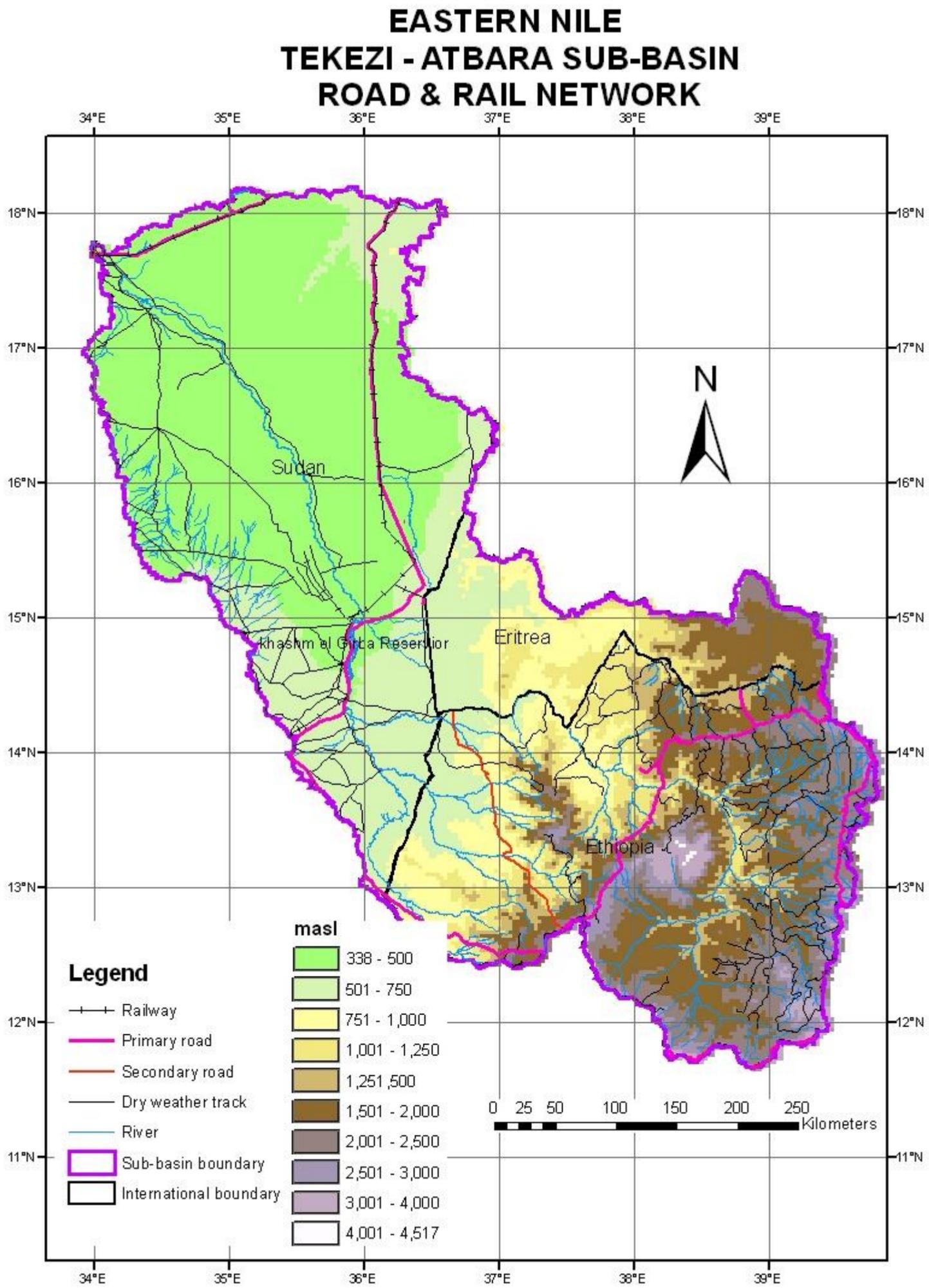


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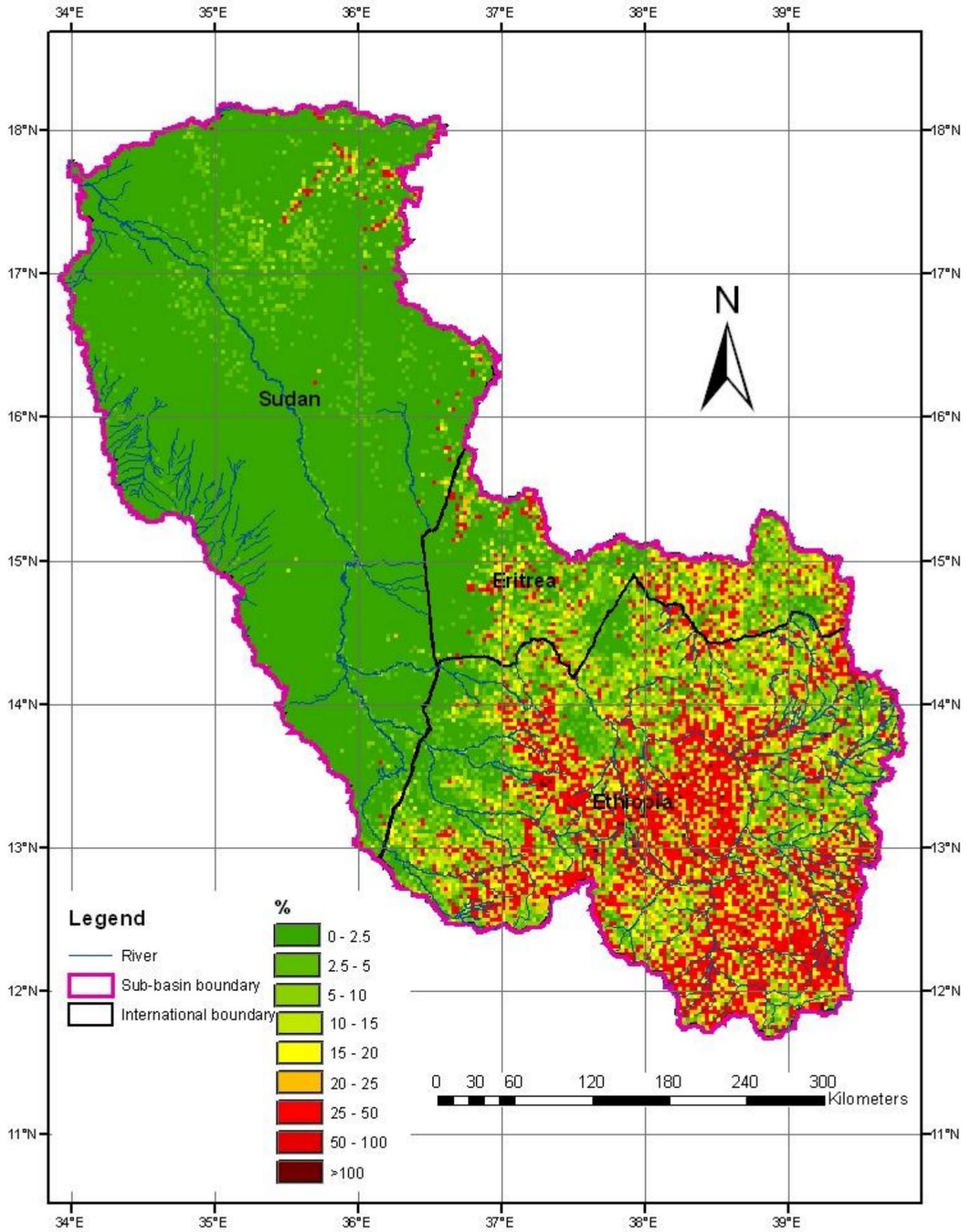


15. TEKEZE - ATBARA SUB-BASIN: ROAD AND RAIL NETWORK (Source: Afriroads).



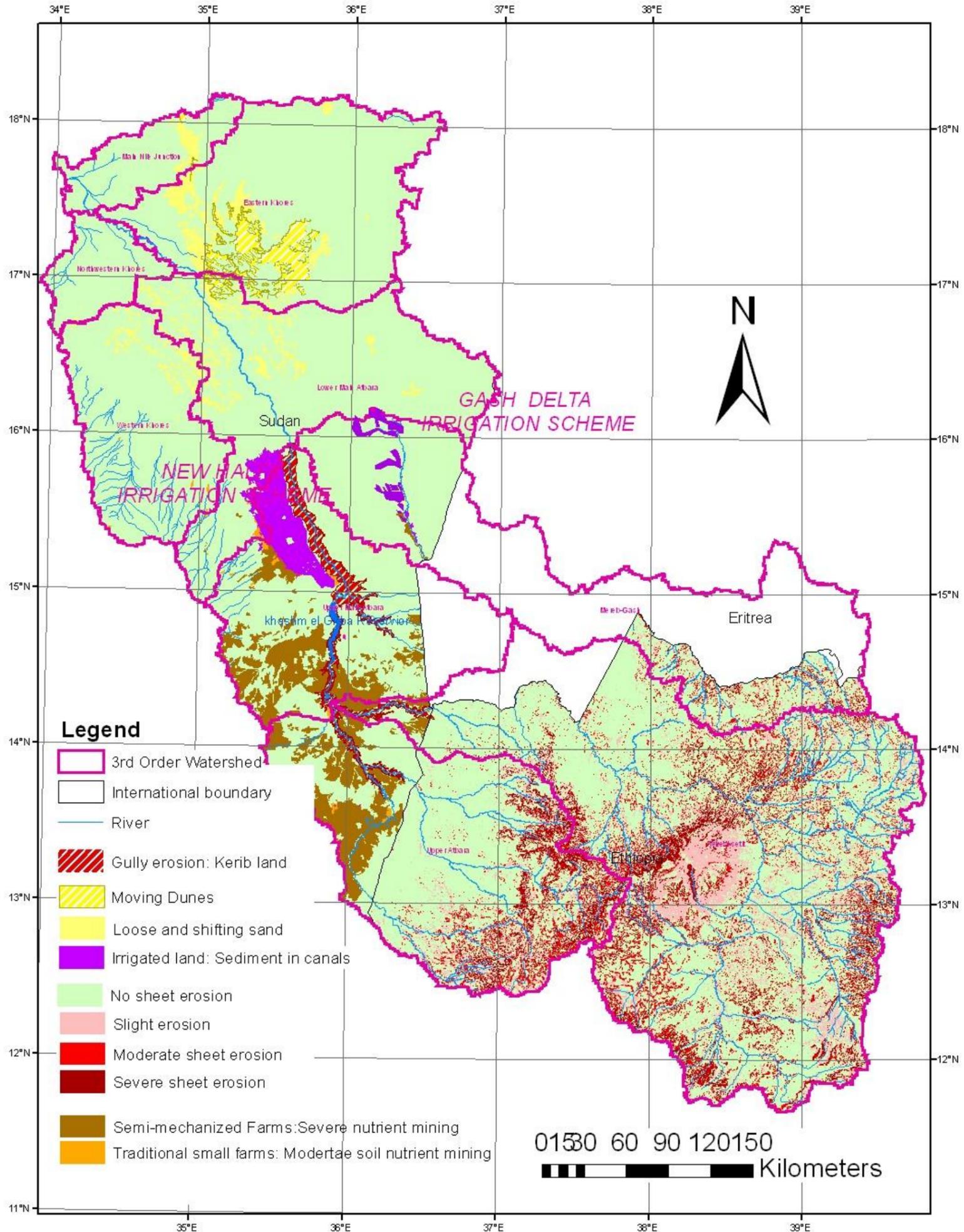
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EASTERN NILE TEKEZI-ATBARA SUB-BASIN SLOPE



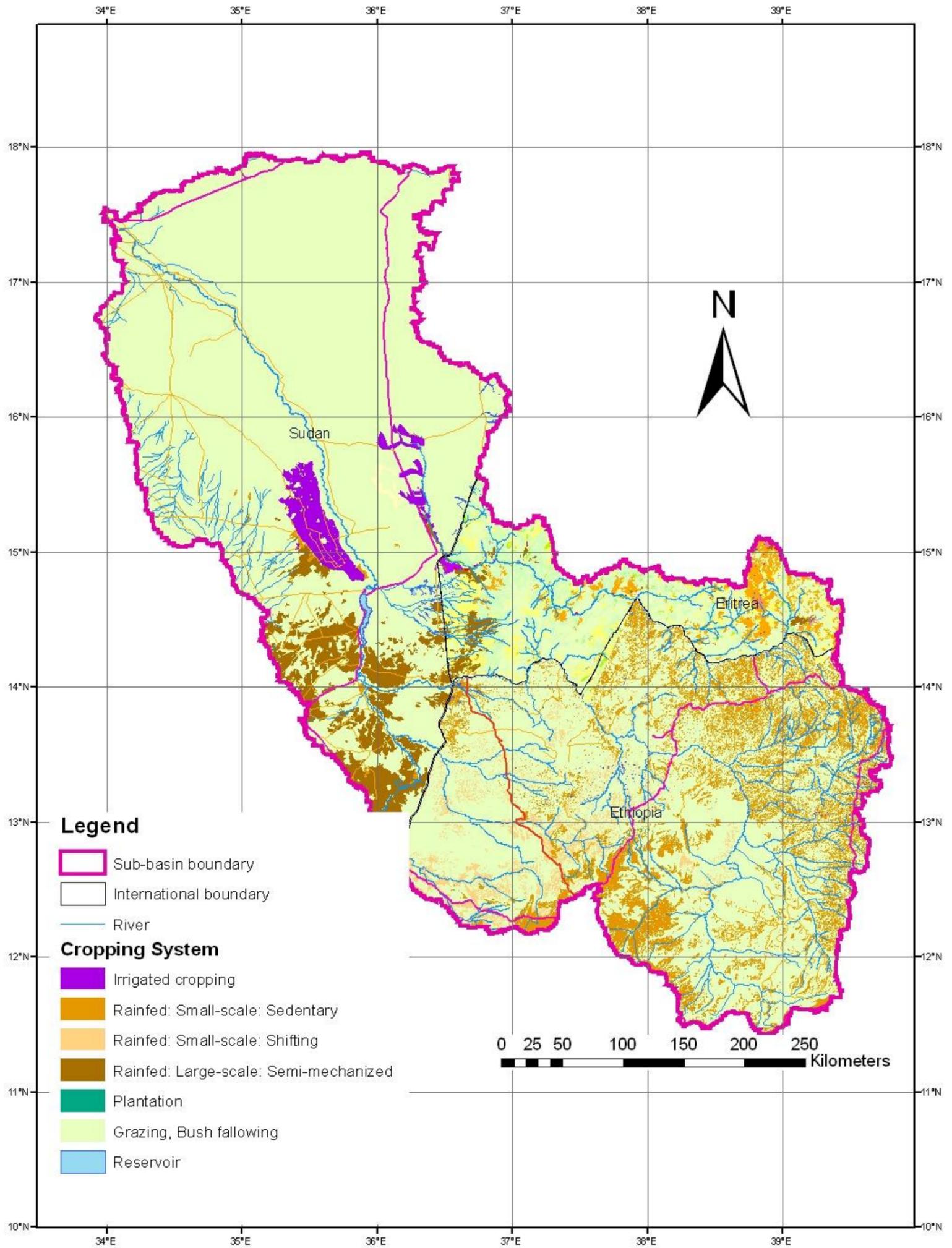
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**EASTERN NILE
TEKEZI-ATBARA SUB-BASIN
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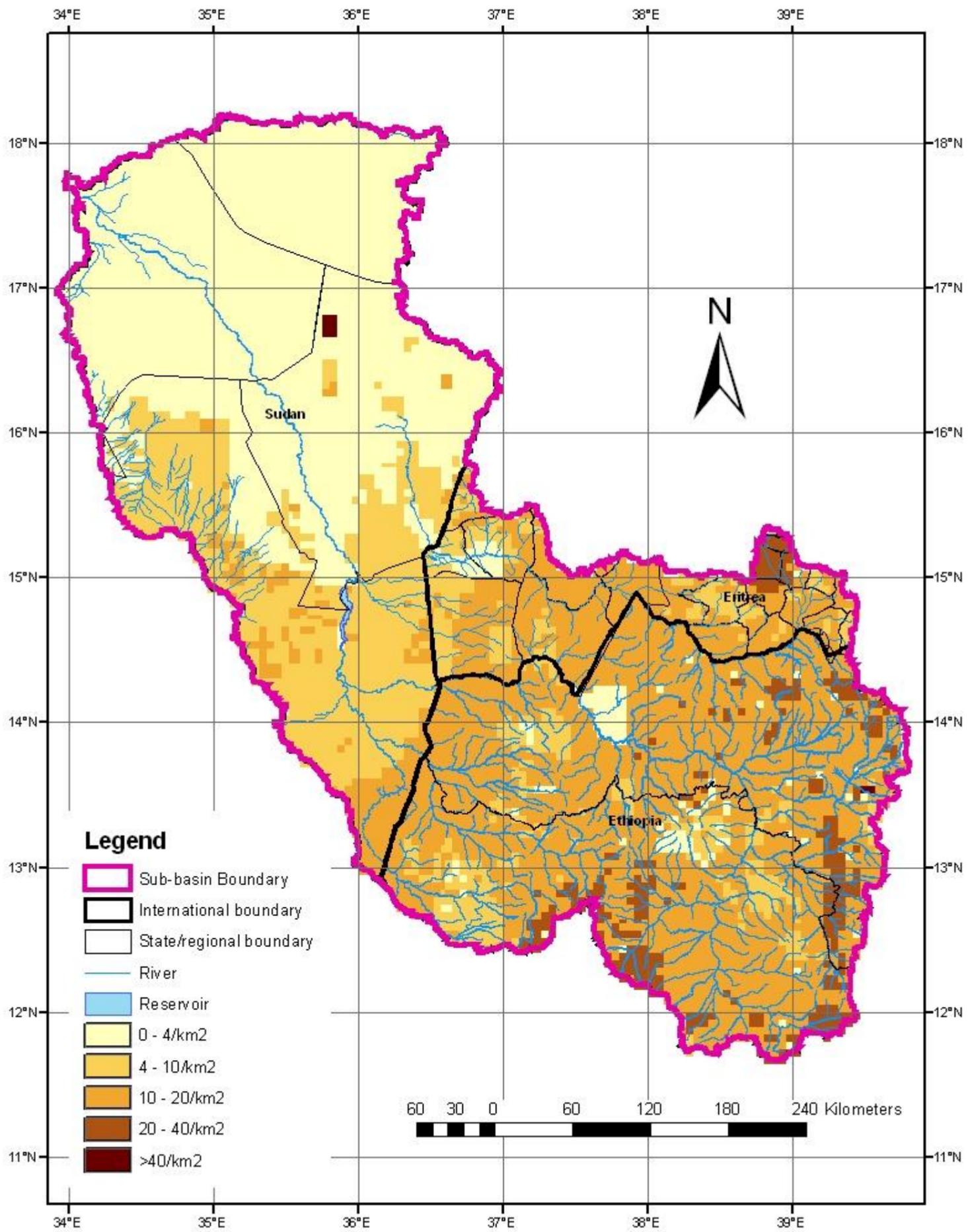
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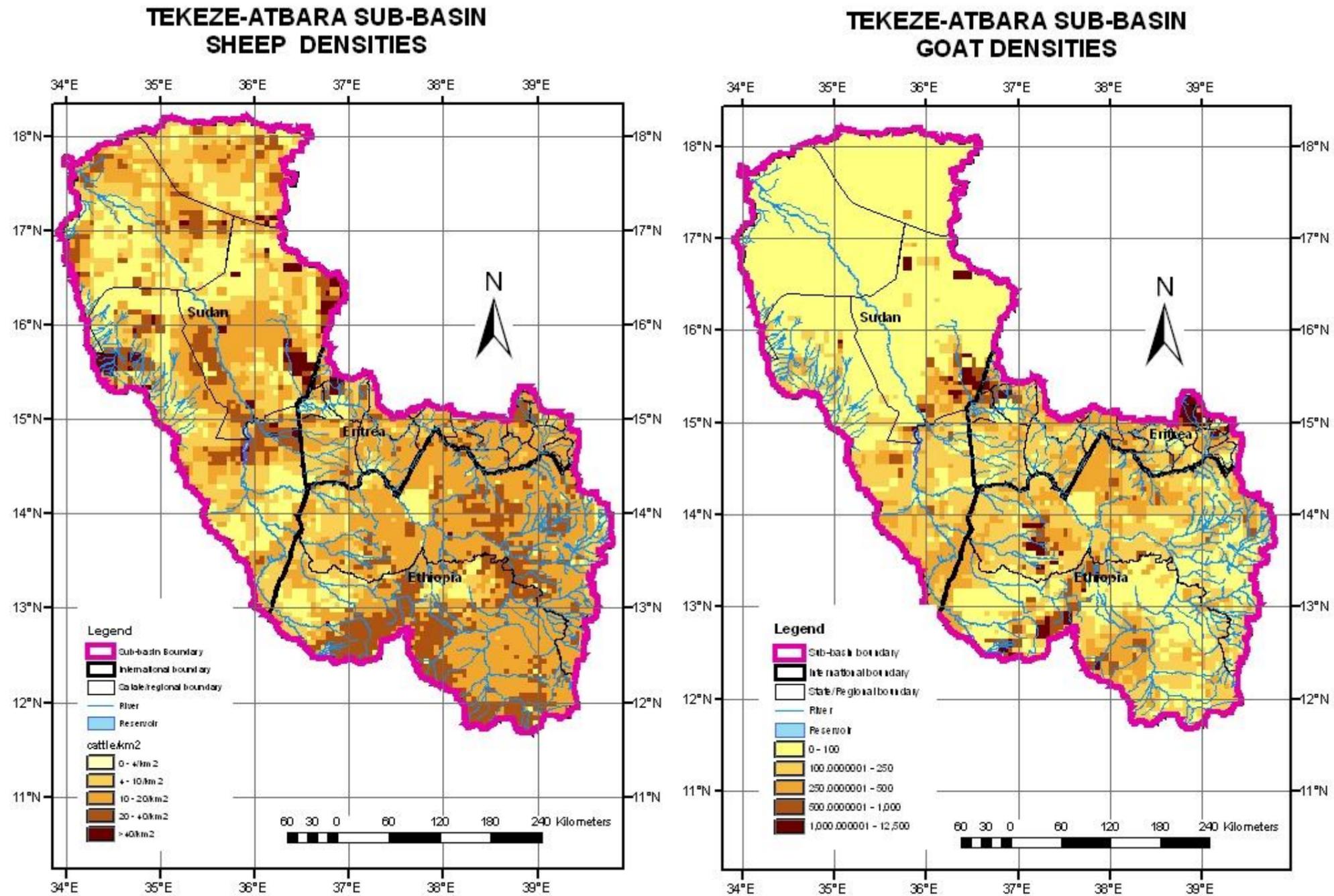


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**TEKEZE-ATBARA SUB-BASIN
CATTLE DENSITIES**



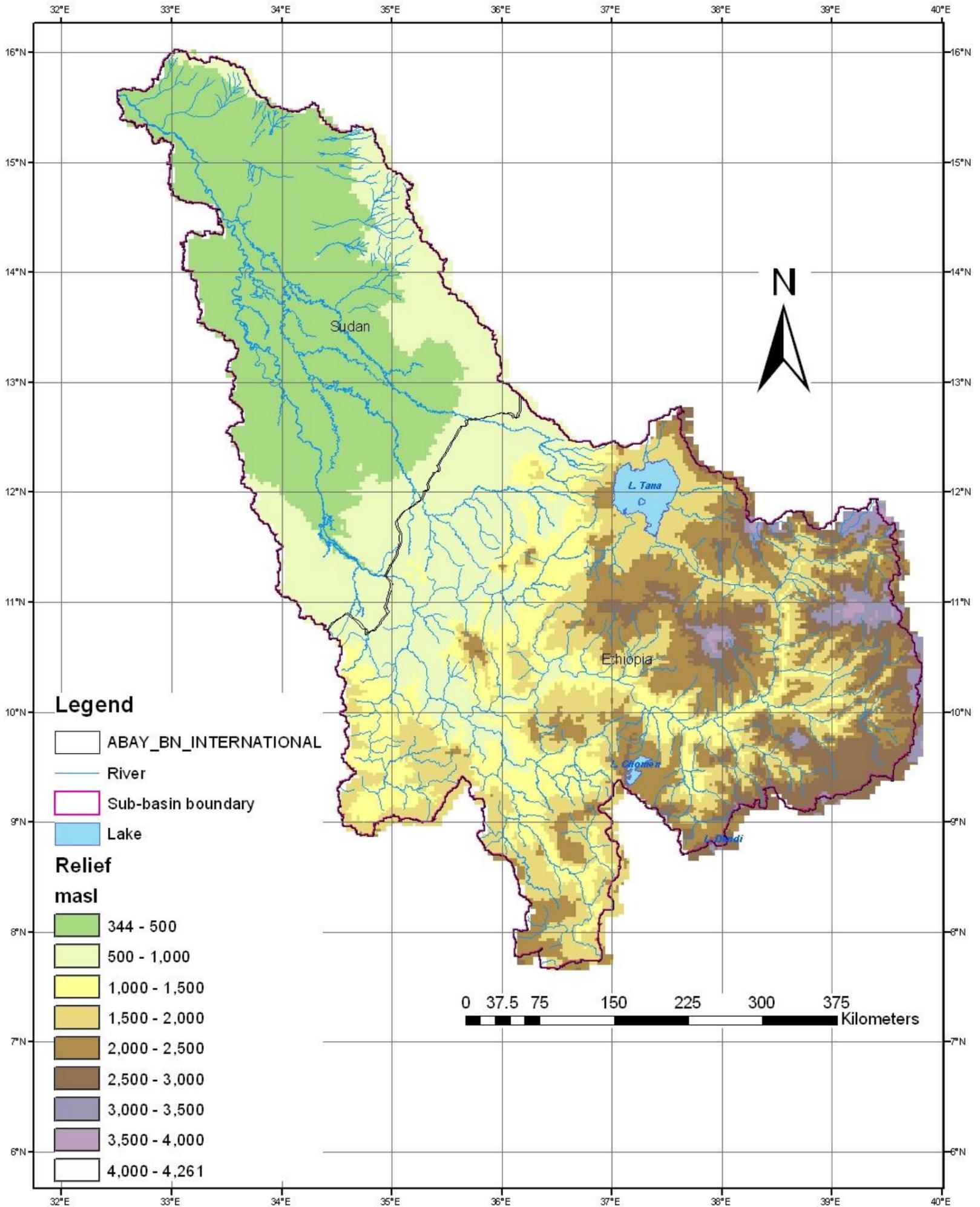
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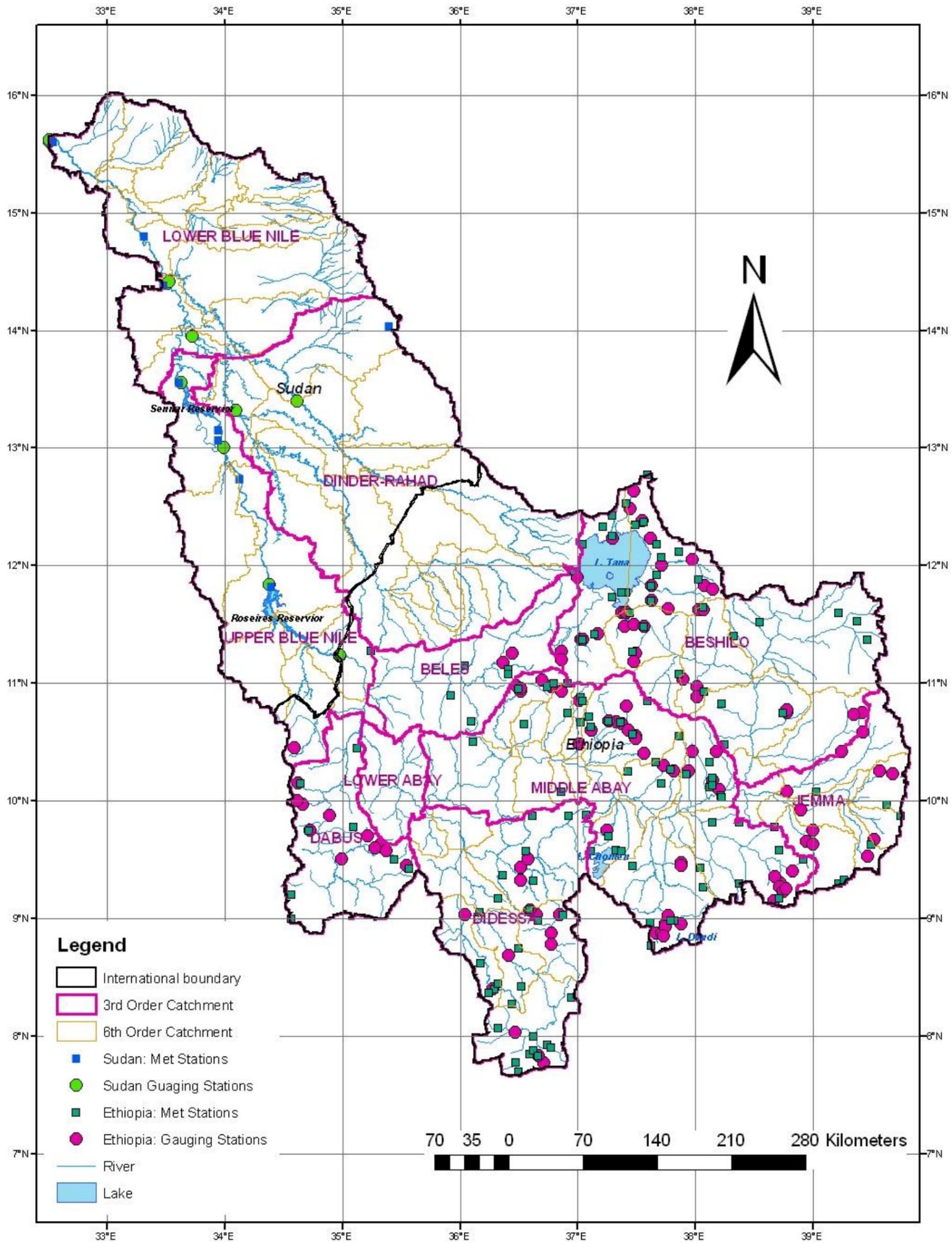
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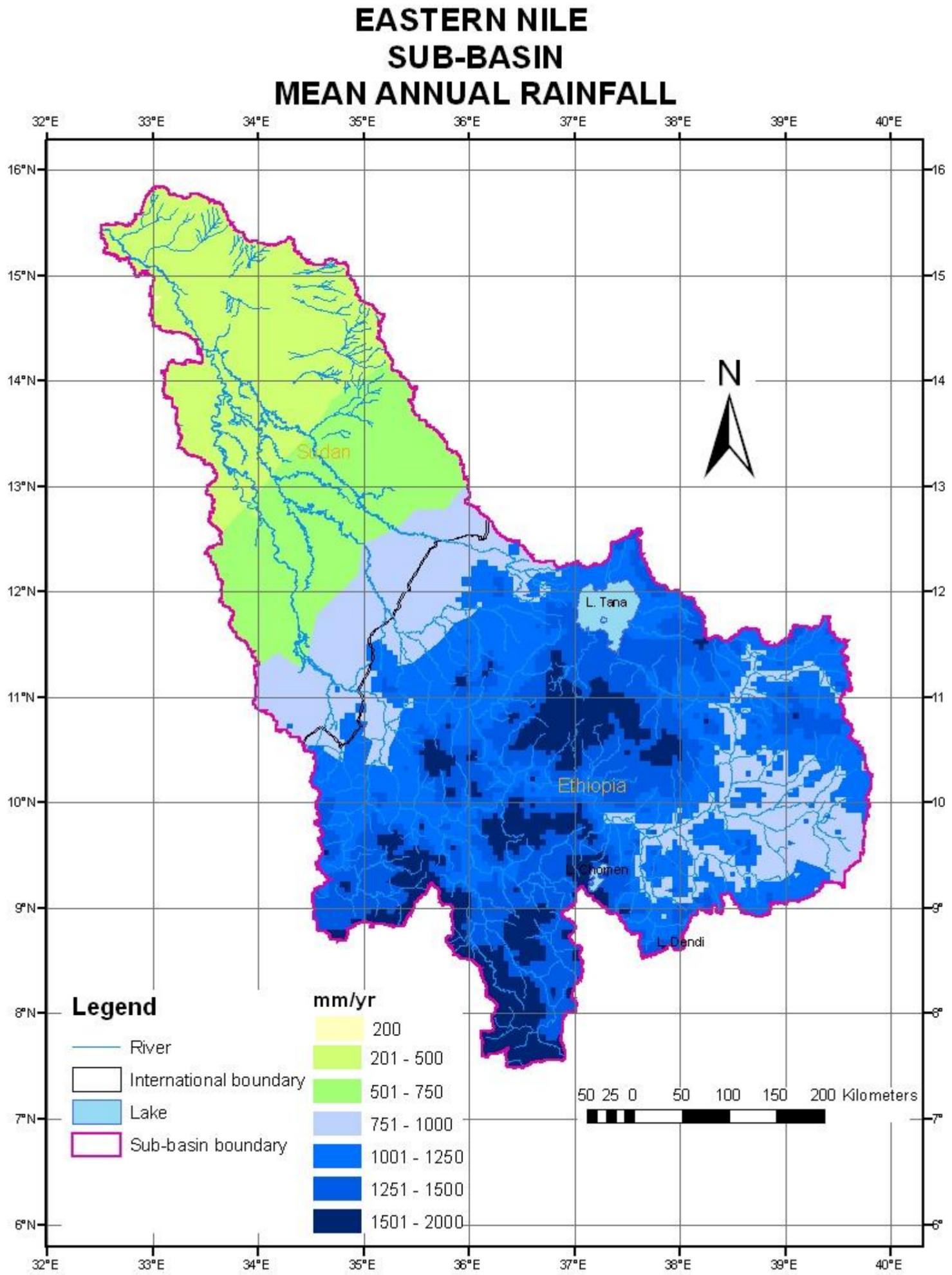


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**EASTERN NILE BASIN
ABAY - BLUE NILE SUB-BASIN
3RD AND 6TH ORDER CATCHMENTS**

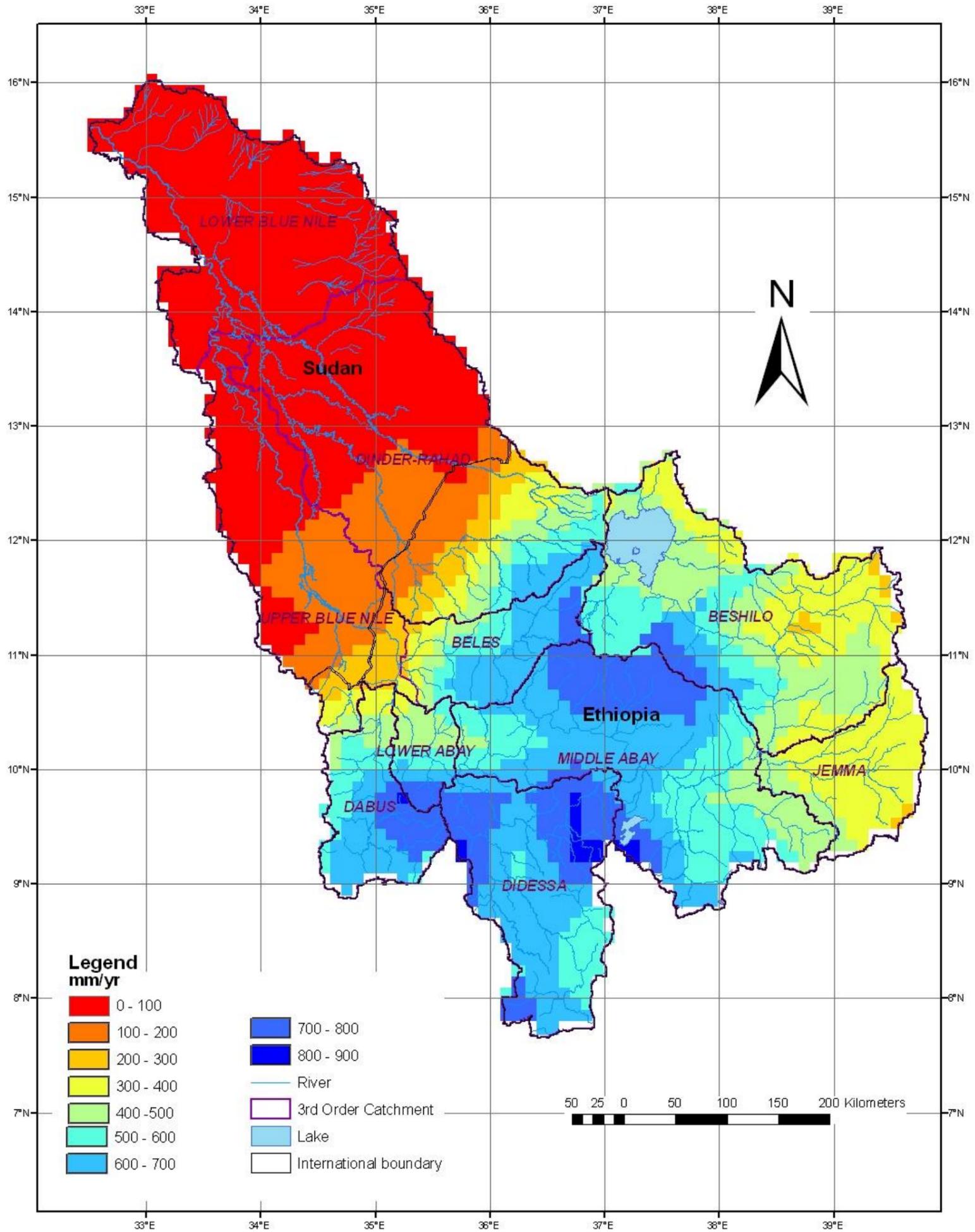


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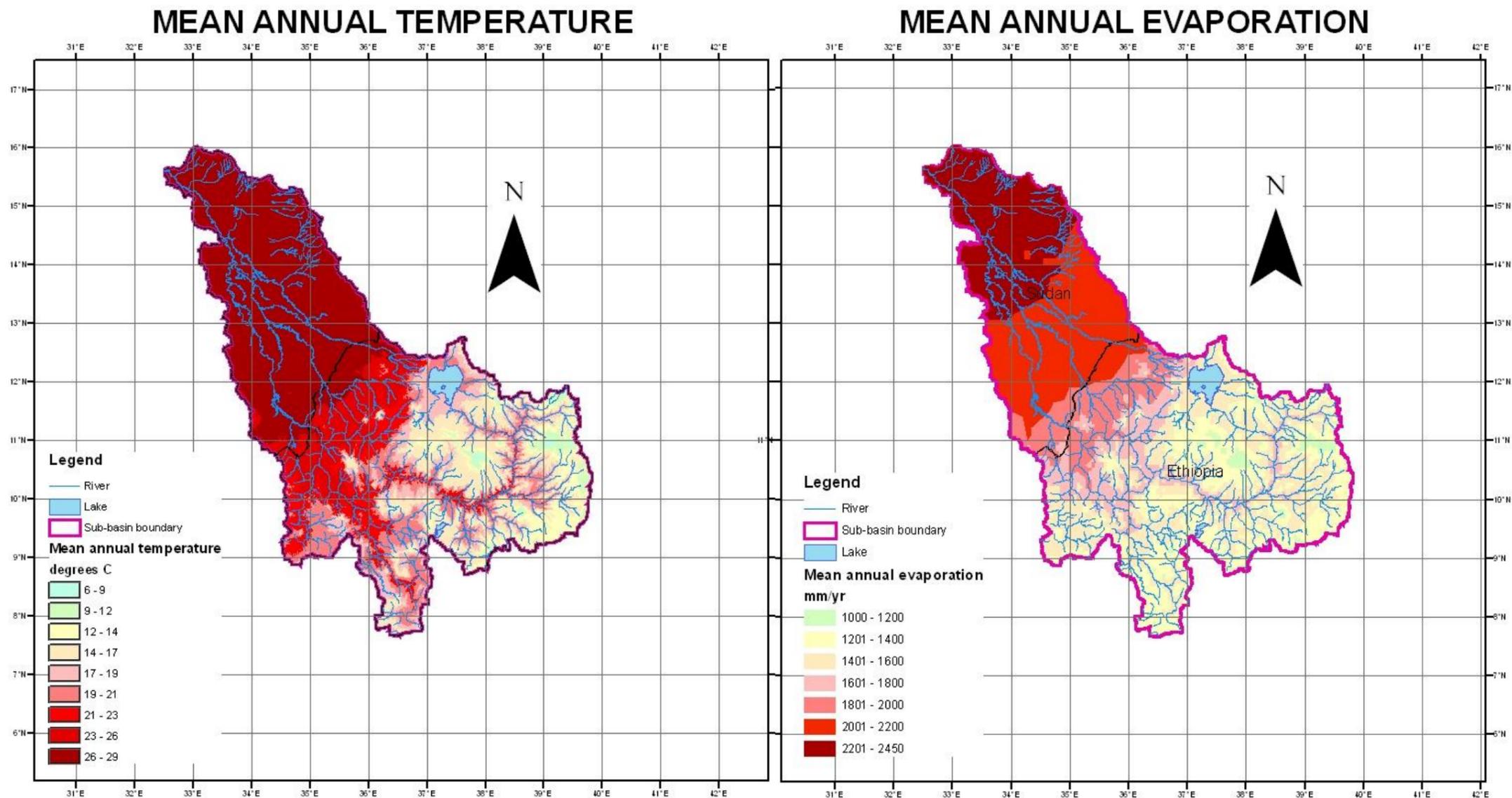


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**EASTERN NILE
ABAY - BLUE NILE SUB-BASIN
MEAN ANNUAL RUNOFF**



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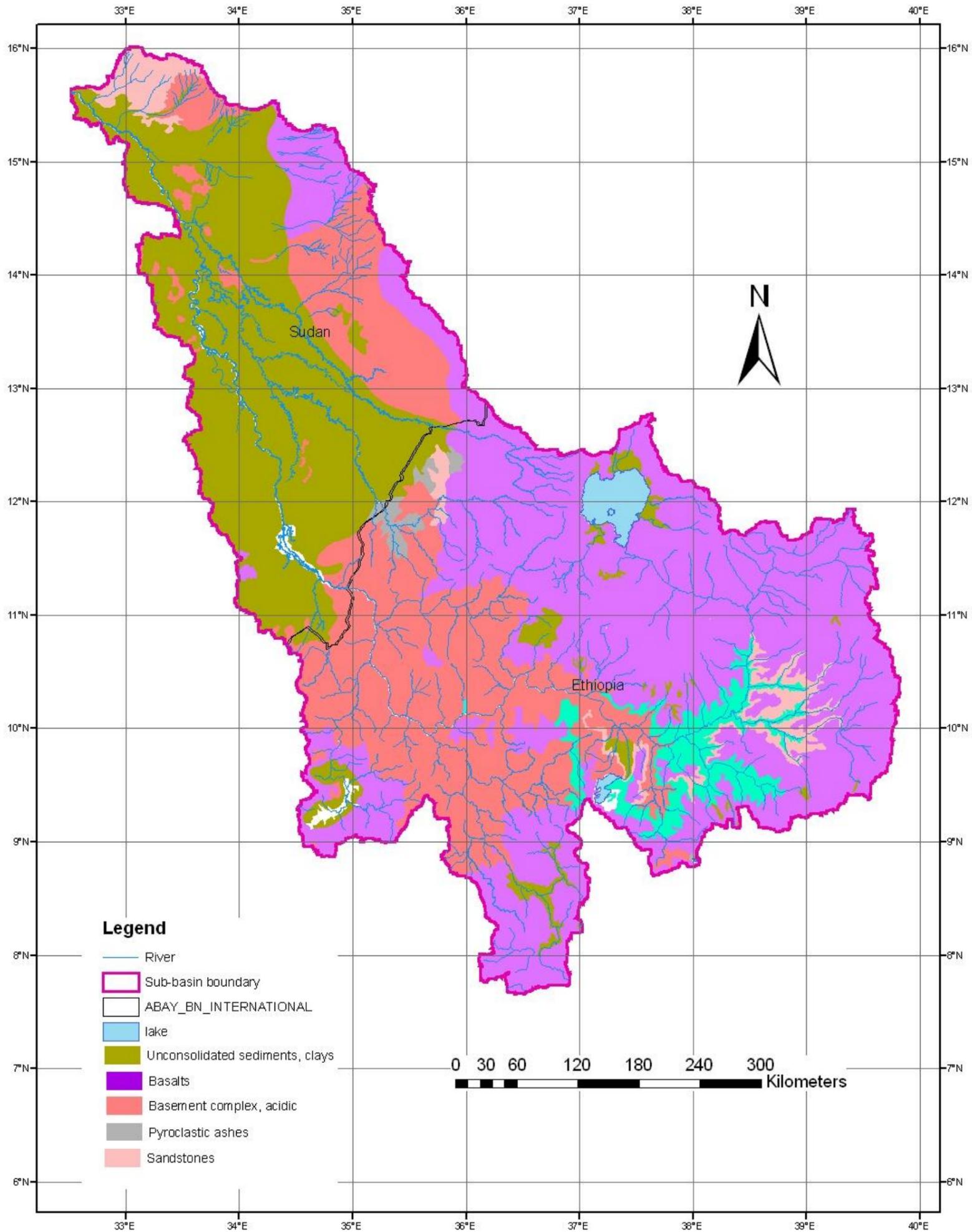


**EAST NILE BASIN
 ABAY-BLUE NILE SUB-BASIN
 MEAN ANNUAL TEMPERATURE AND EVAPORATION**



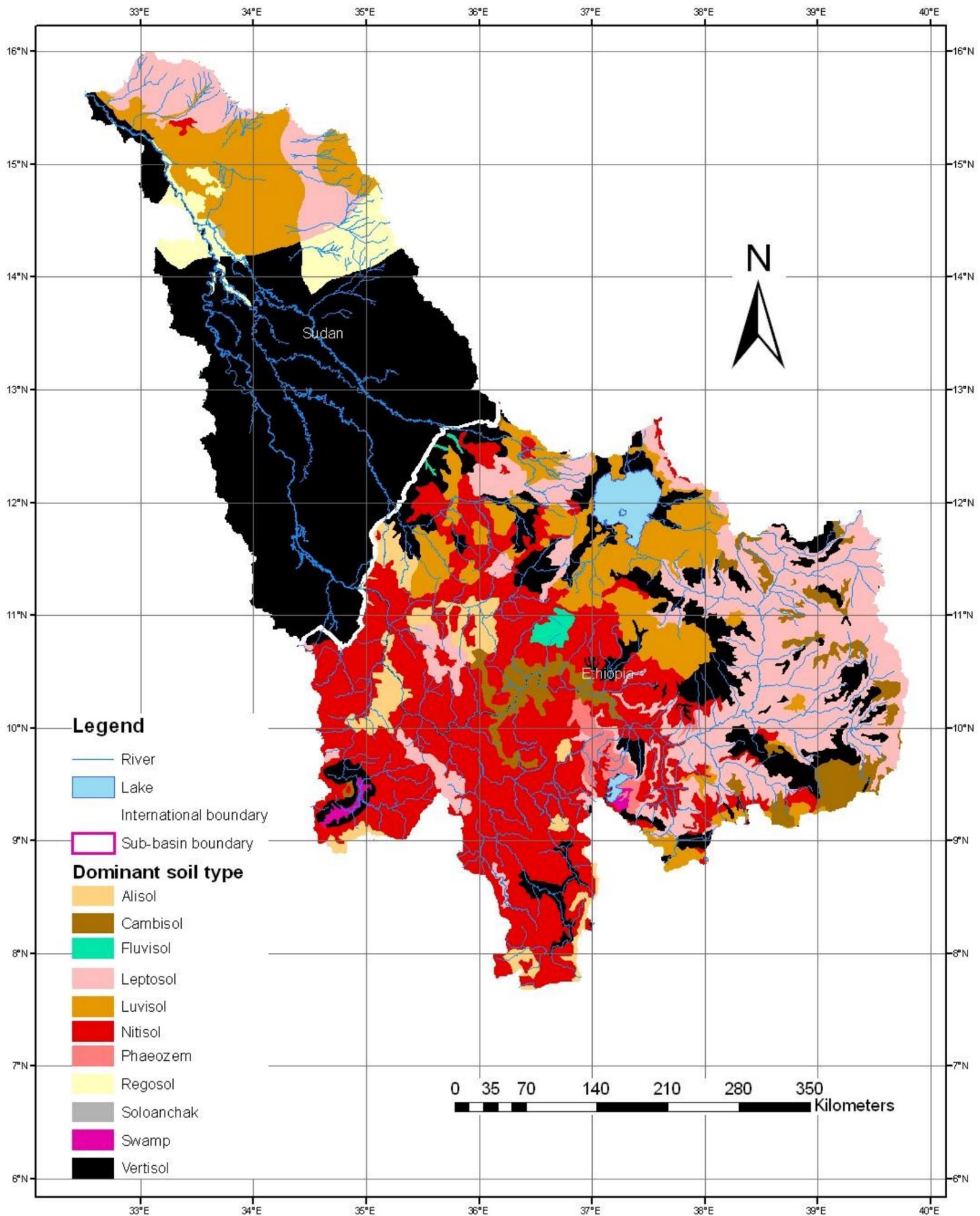
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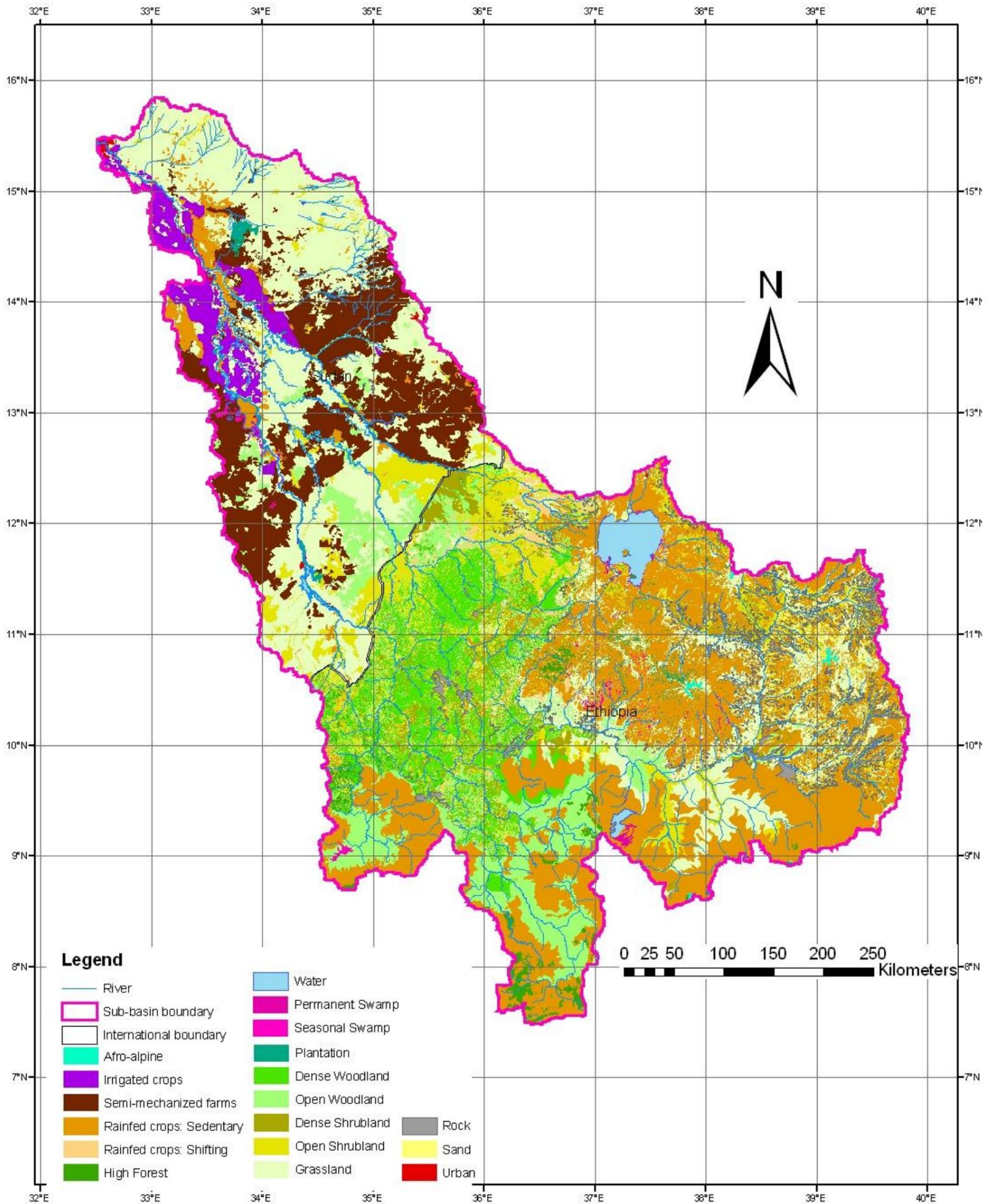
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EASTERN NILE ABAY-BLUE NILE SUB-BASIN DOMINANT SOIL TYPES (FAO CLASSIFICATION)



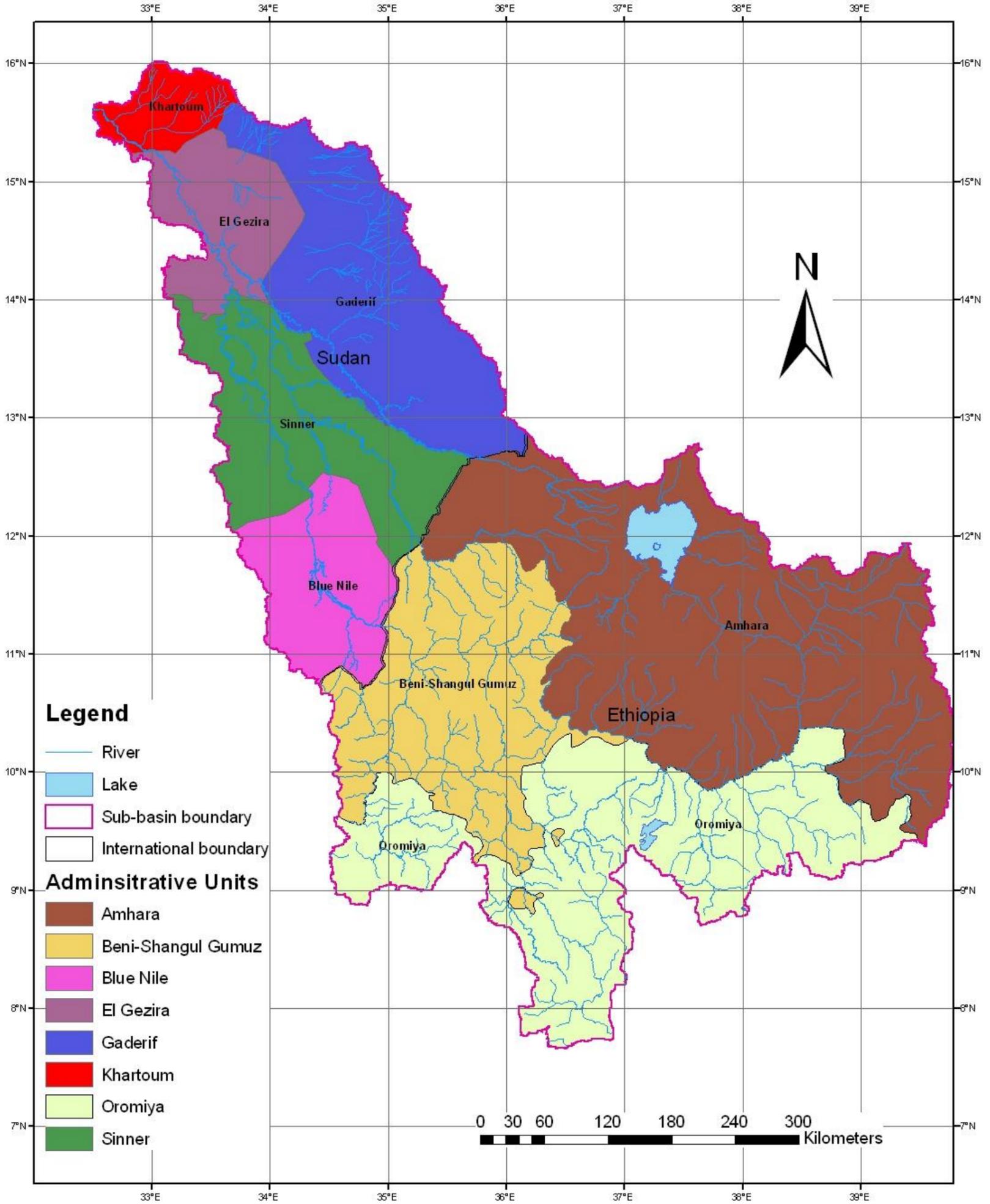
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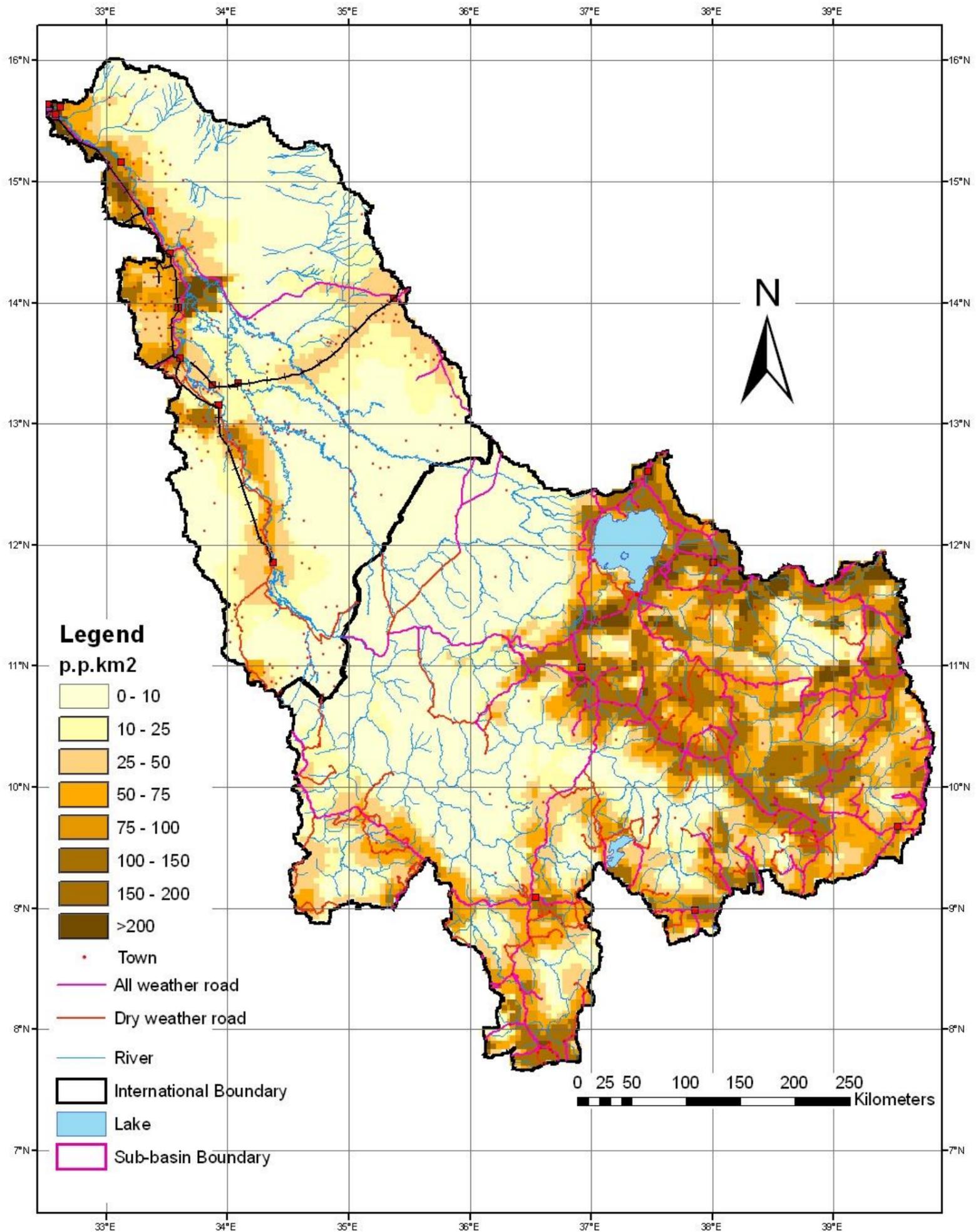
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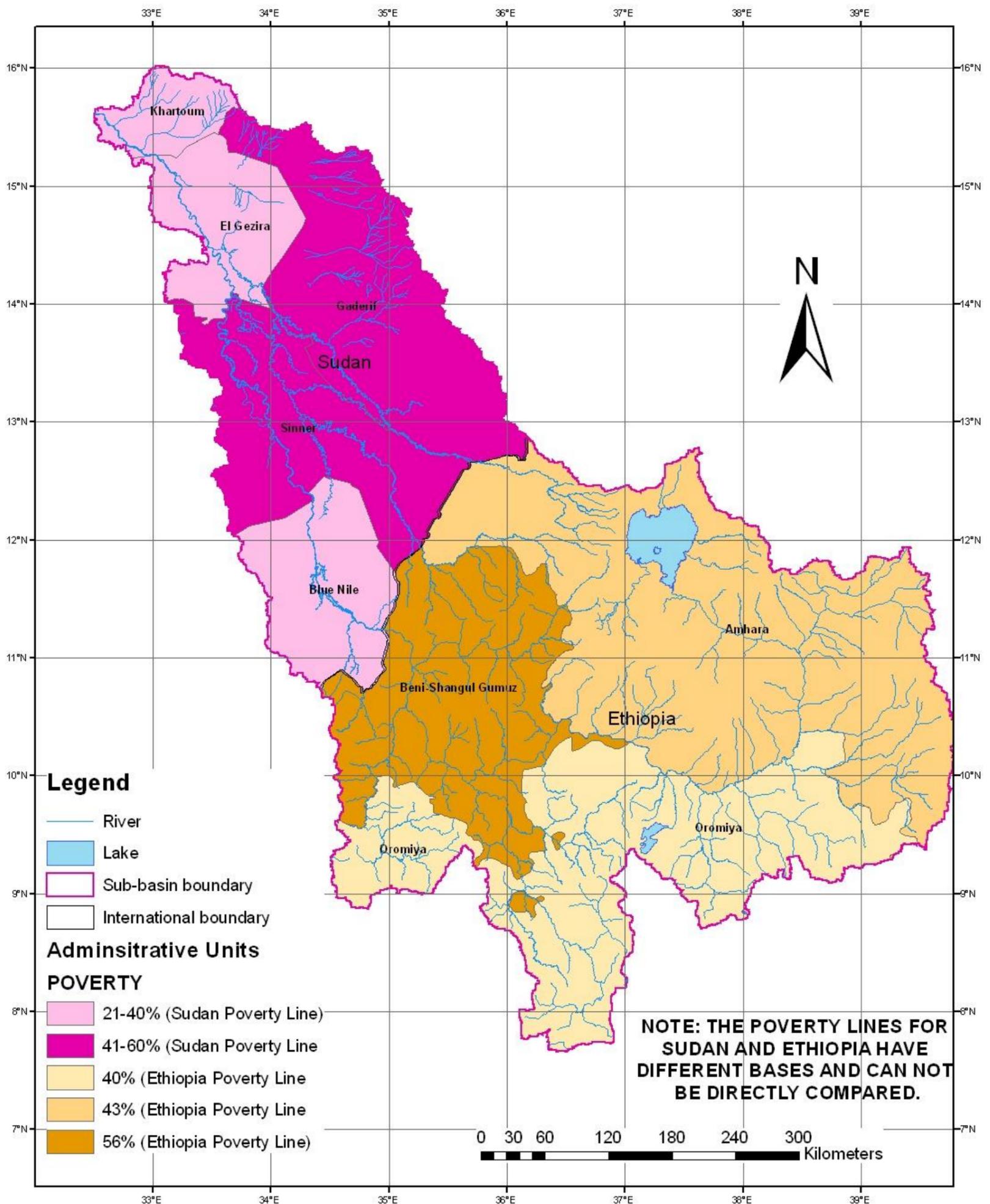
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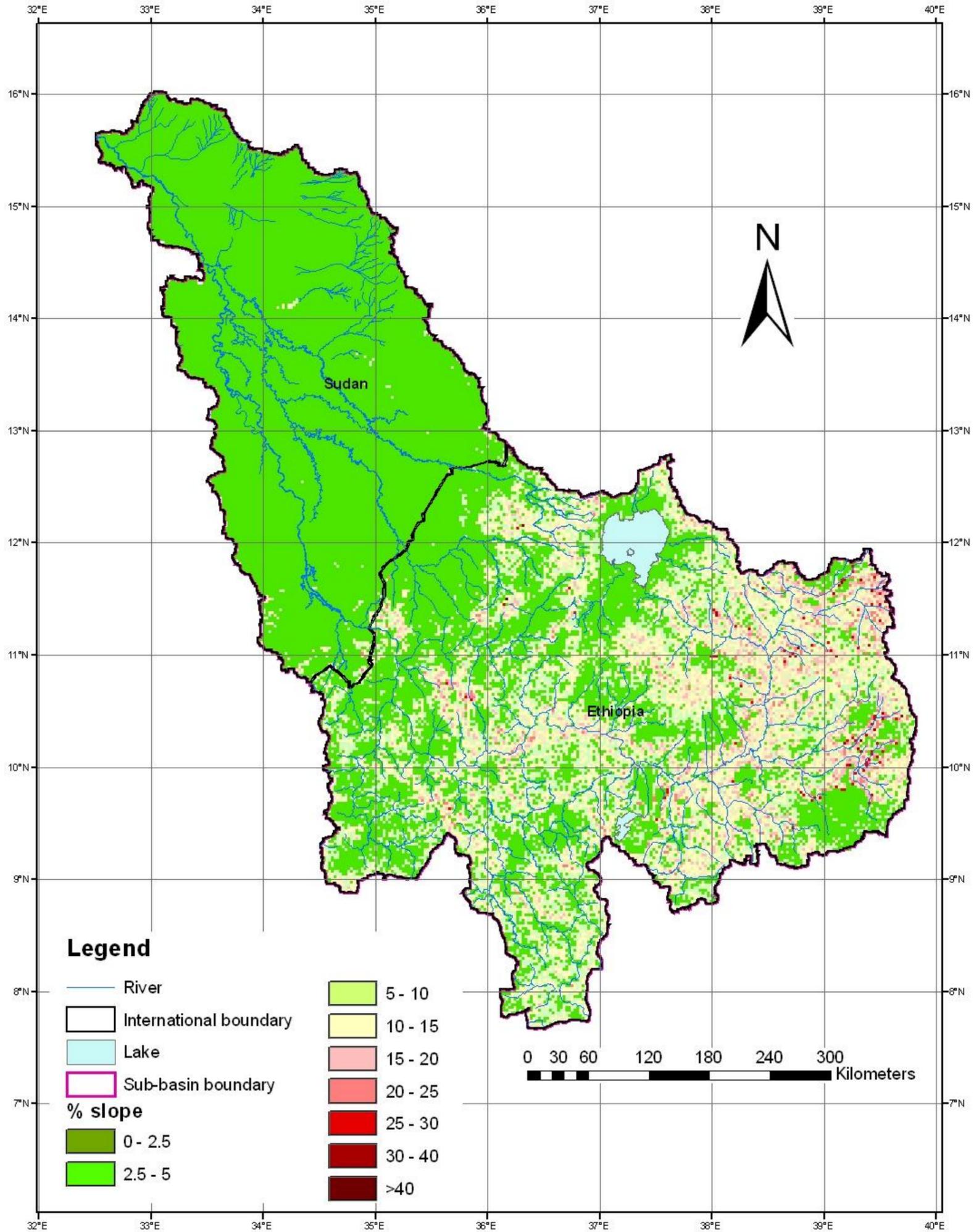
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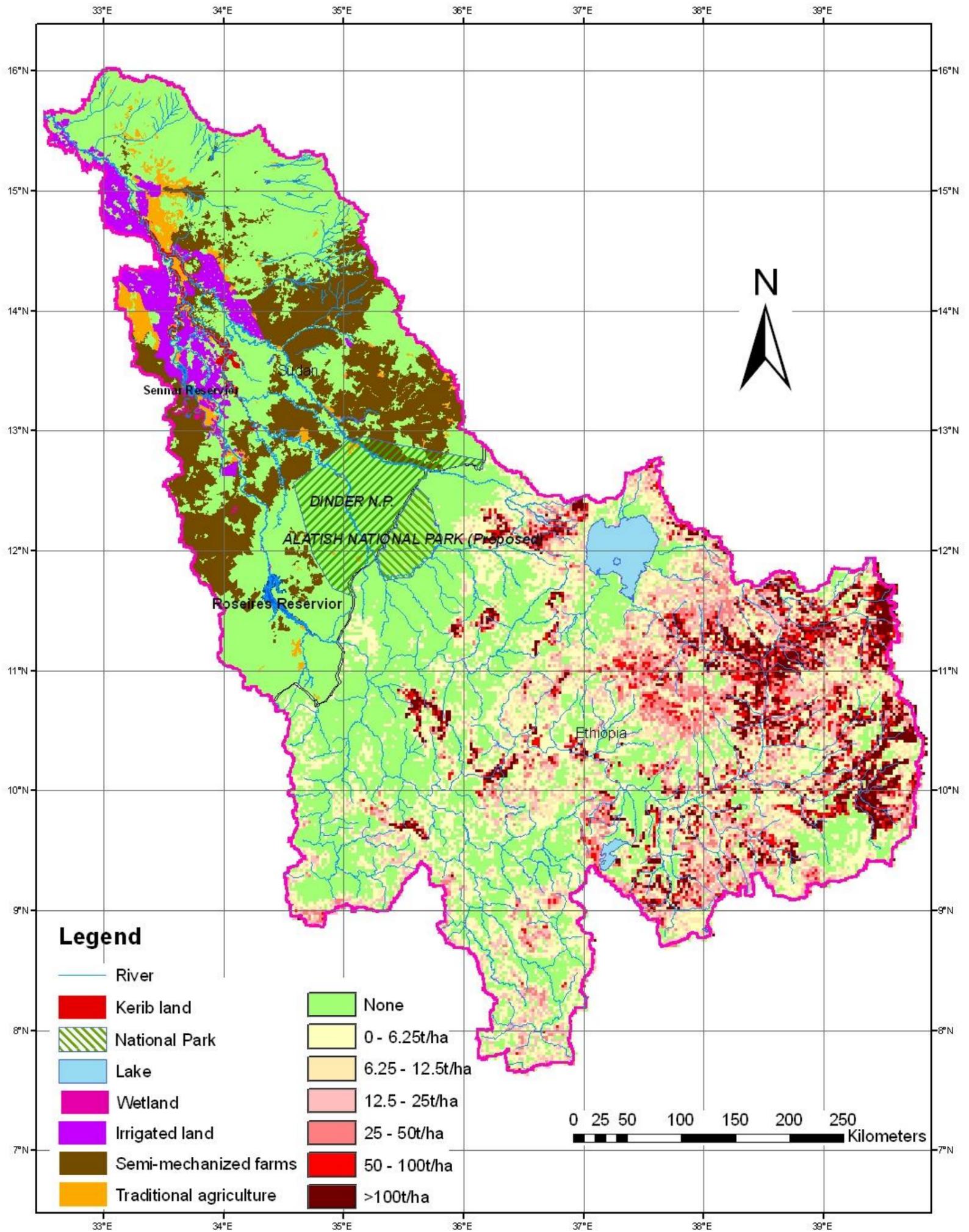
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EASTERN NILE ABAY - BLUE NILE SUB-BASIN SLOPE (%)



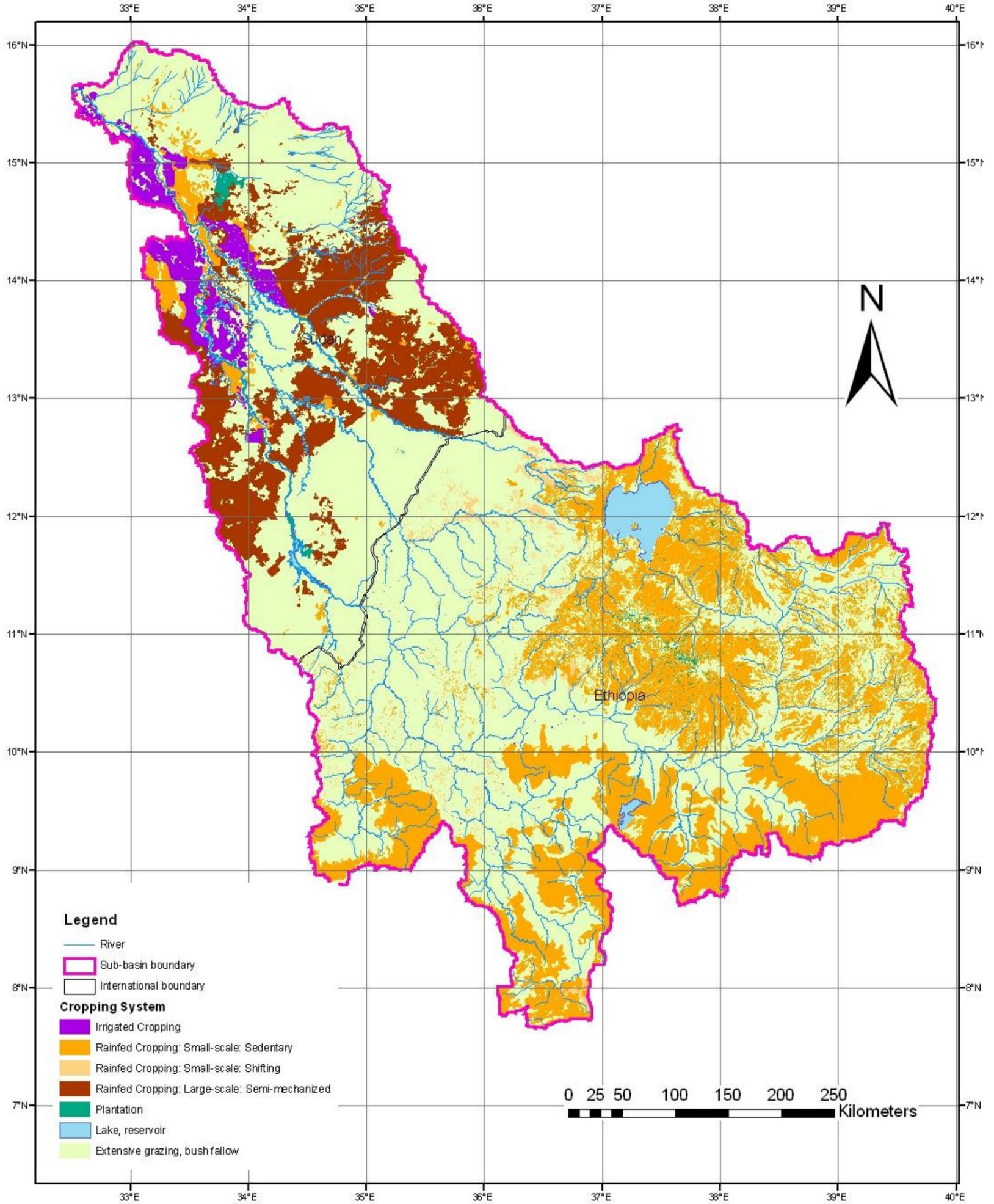
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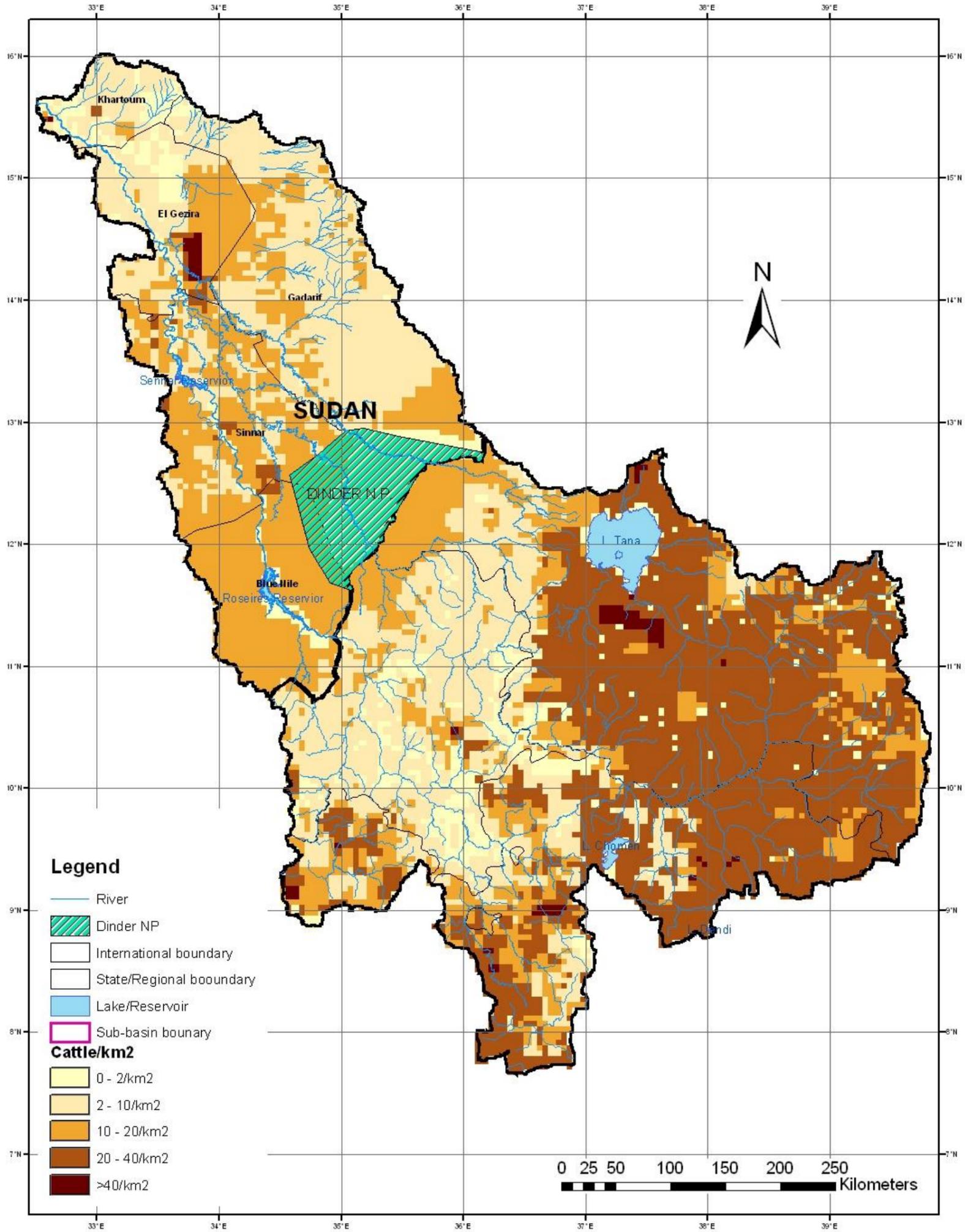
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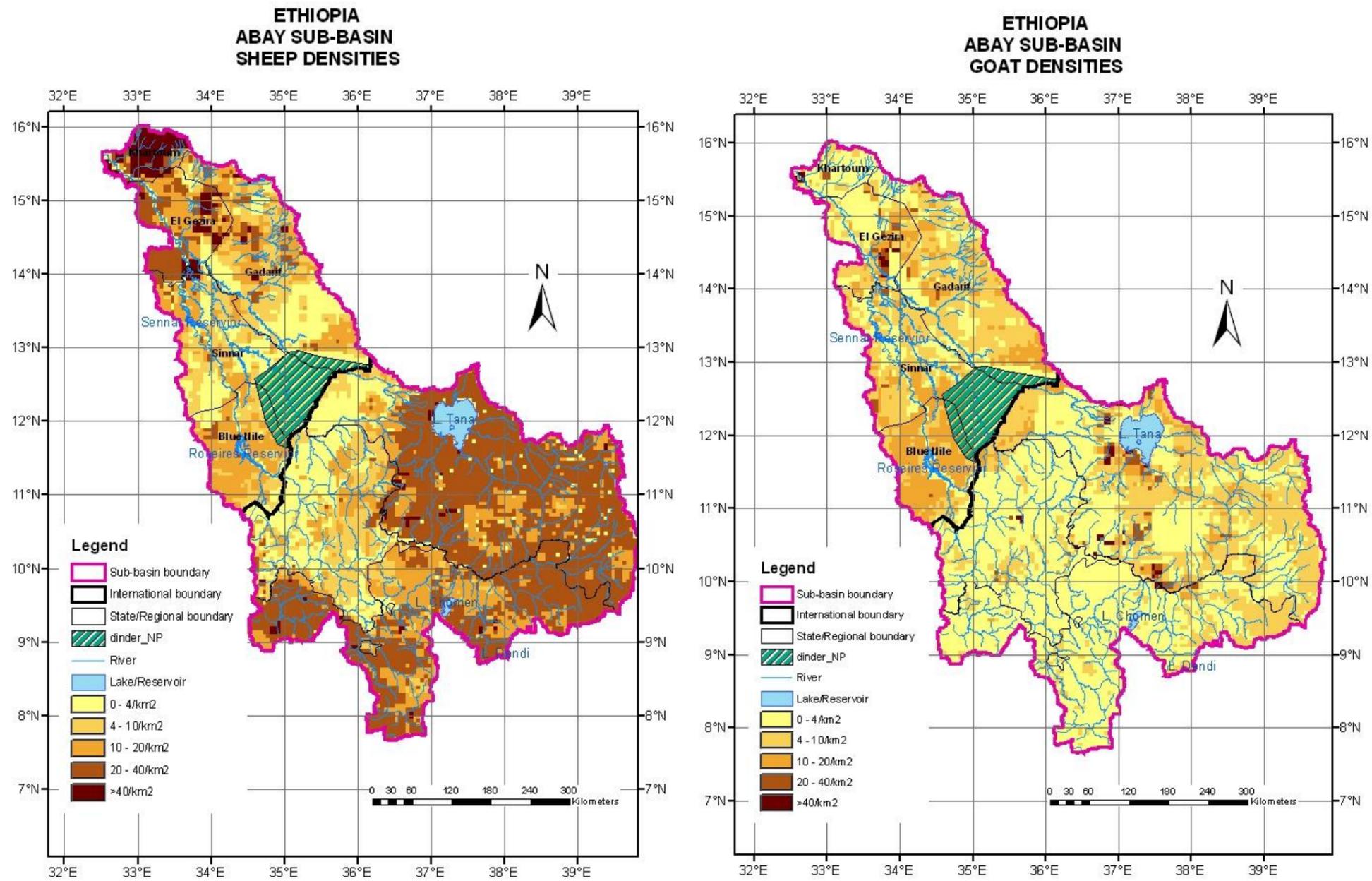


36. ABBAY-BLUE NILE SUB-BASIN: CATTLE DENSITIES (Source African Livestock Database, FAO, 2004)

**ABBAY-BLUE NILE SUB-BASIN
CATTLE DENSITIES**

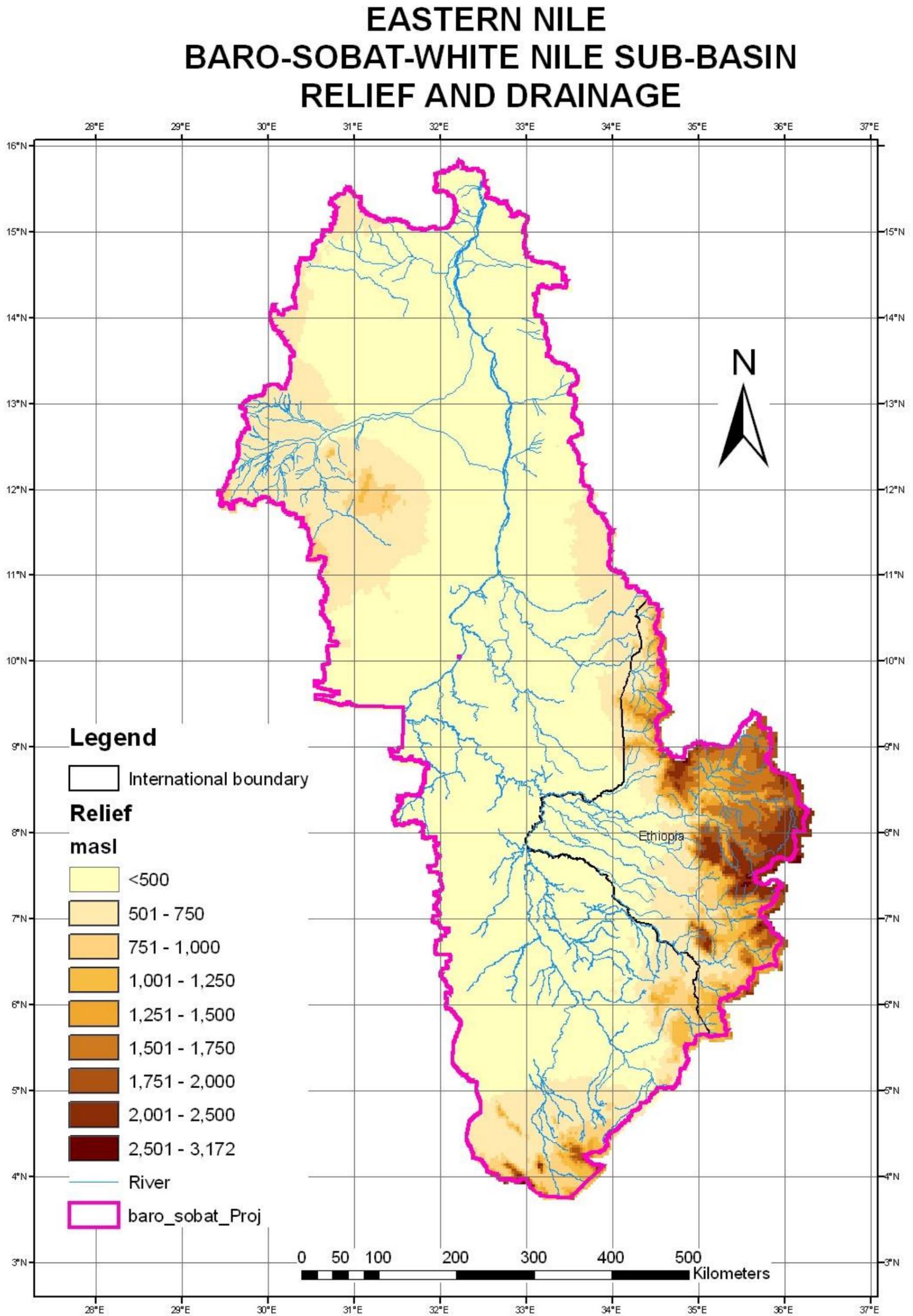


37. ABBAY-BLUE NILE SUB-BASIN: SHEEP & GOAT DENSITIES (Source: African Livestock Database, FAO, 2004)

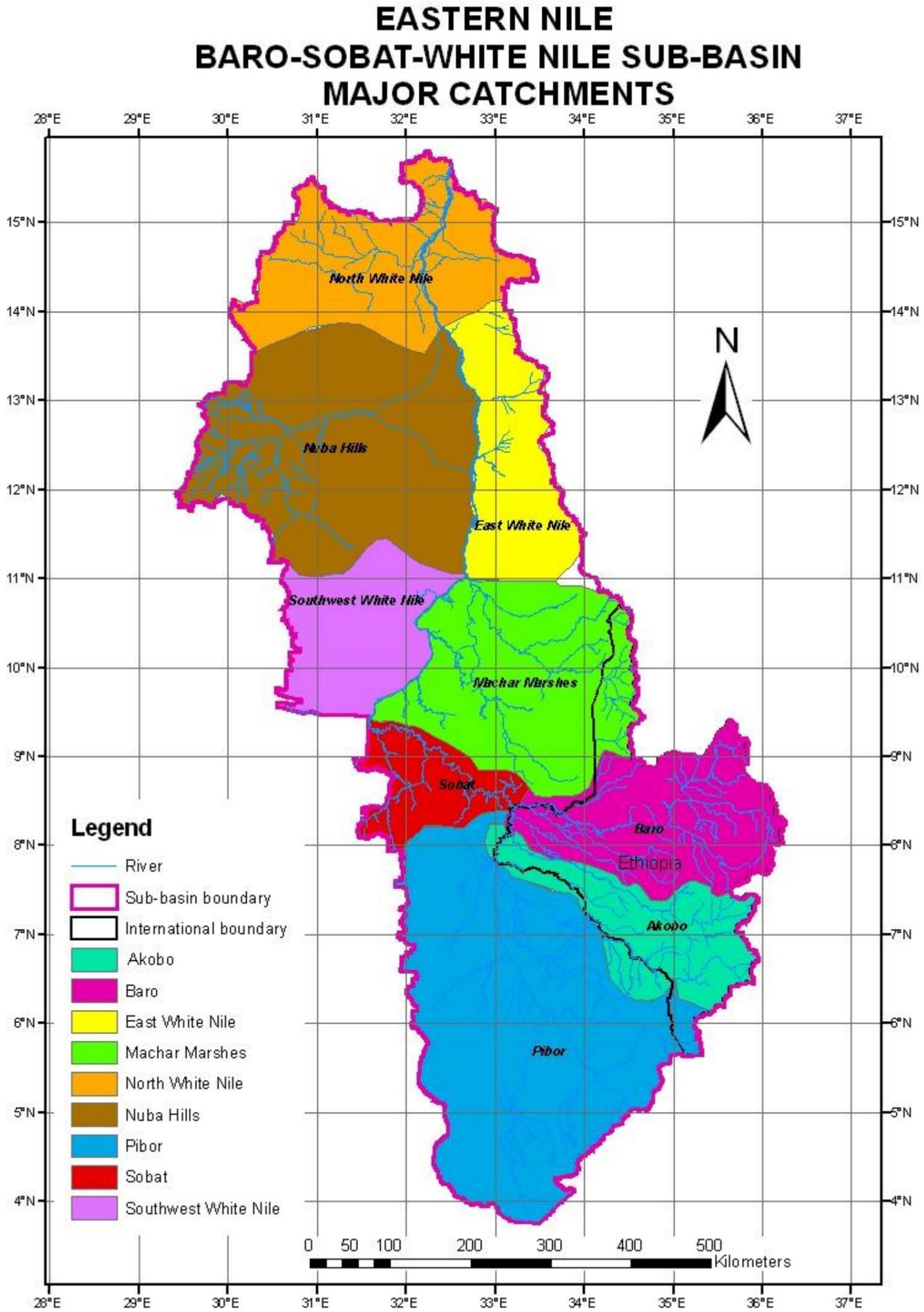


D. SOBAT-WHITE NILE SUB-BASIN

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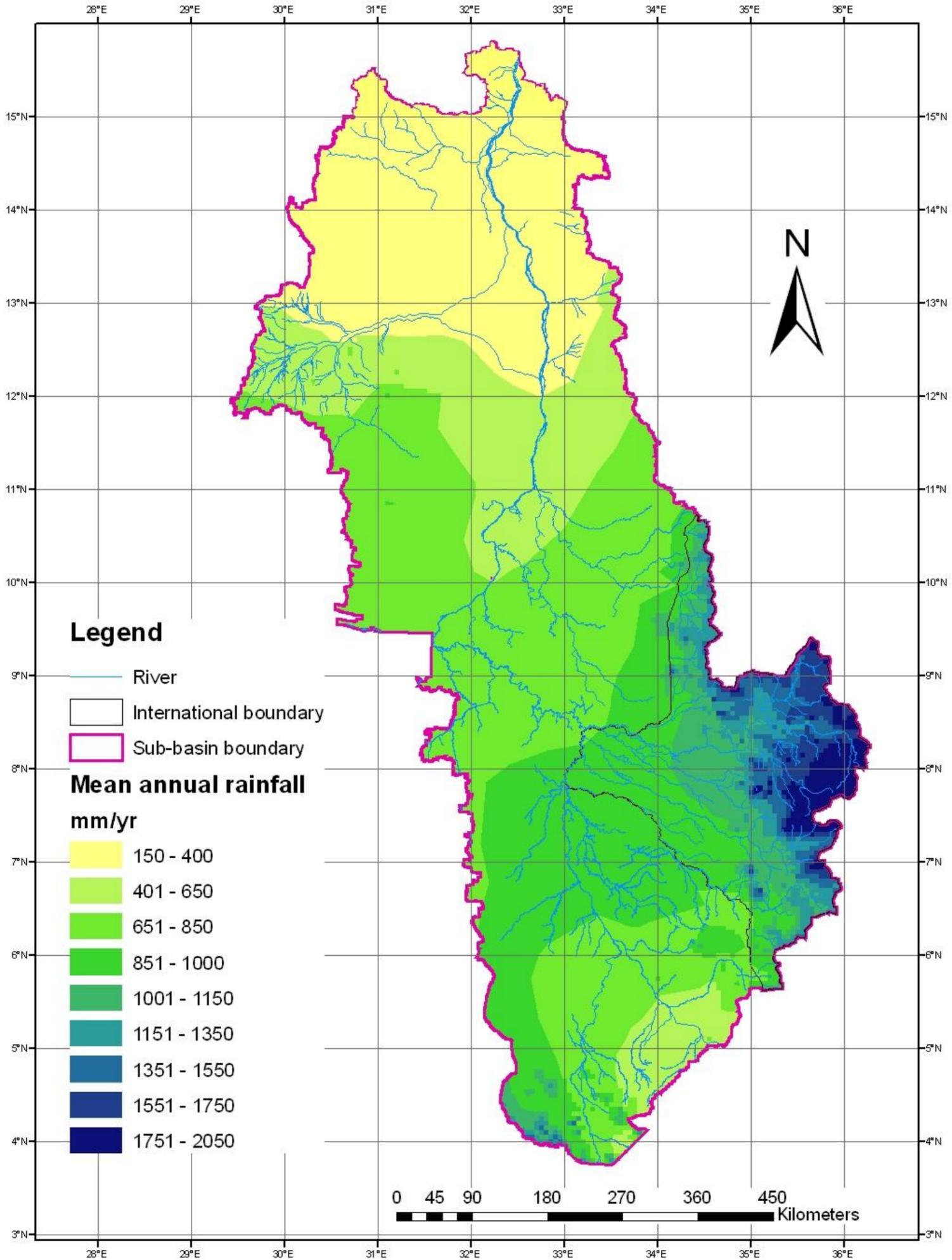


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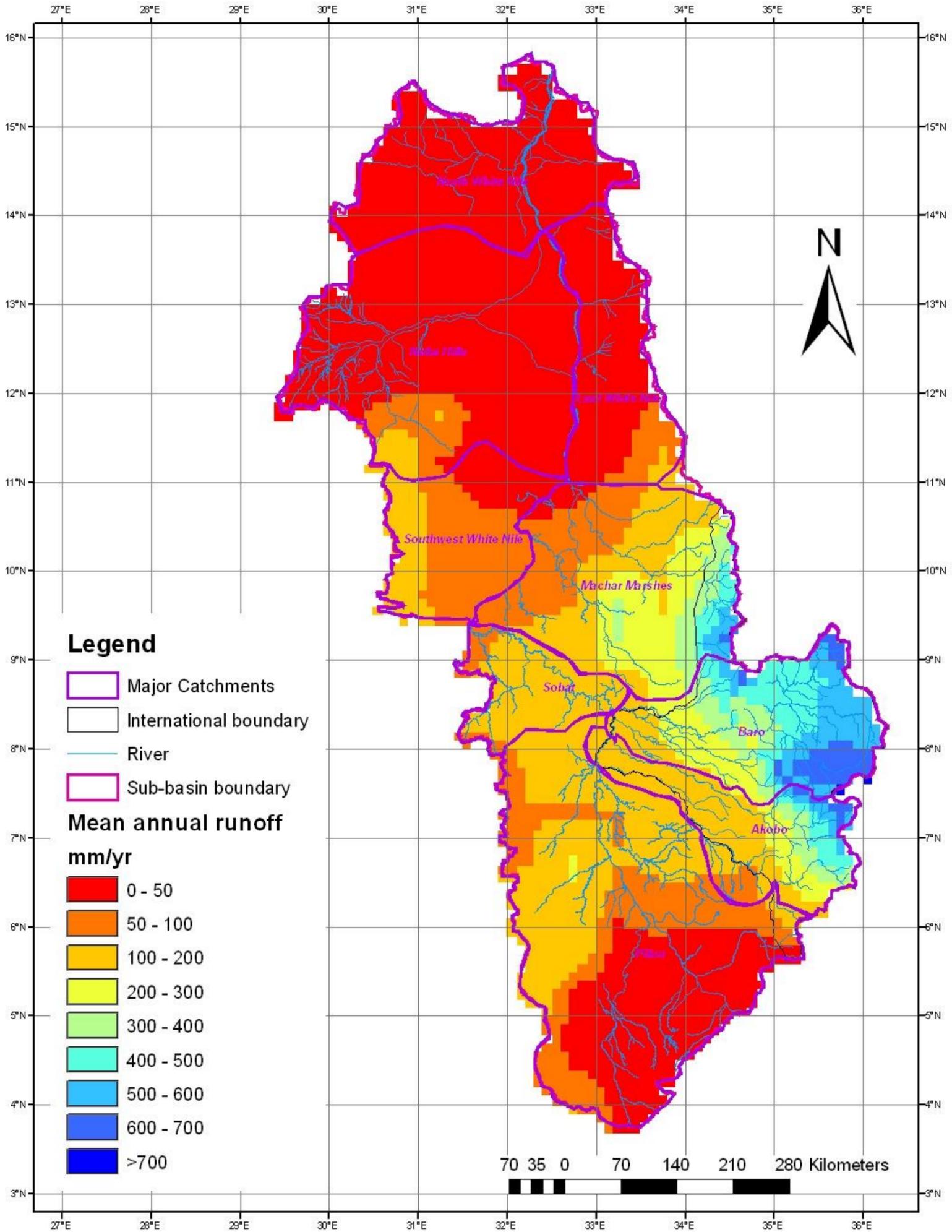
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EASTERN NILE BARO-SOBAT-WHITE NILE SUB-BASIN MEAN ANNUAL RAINFALL



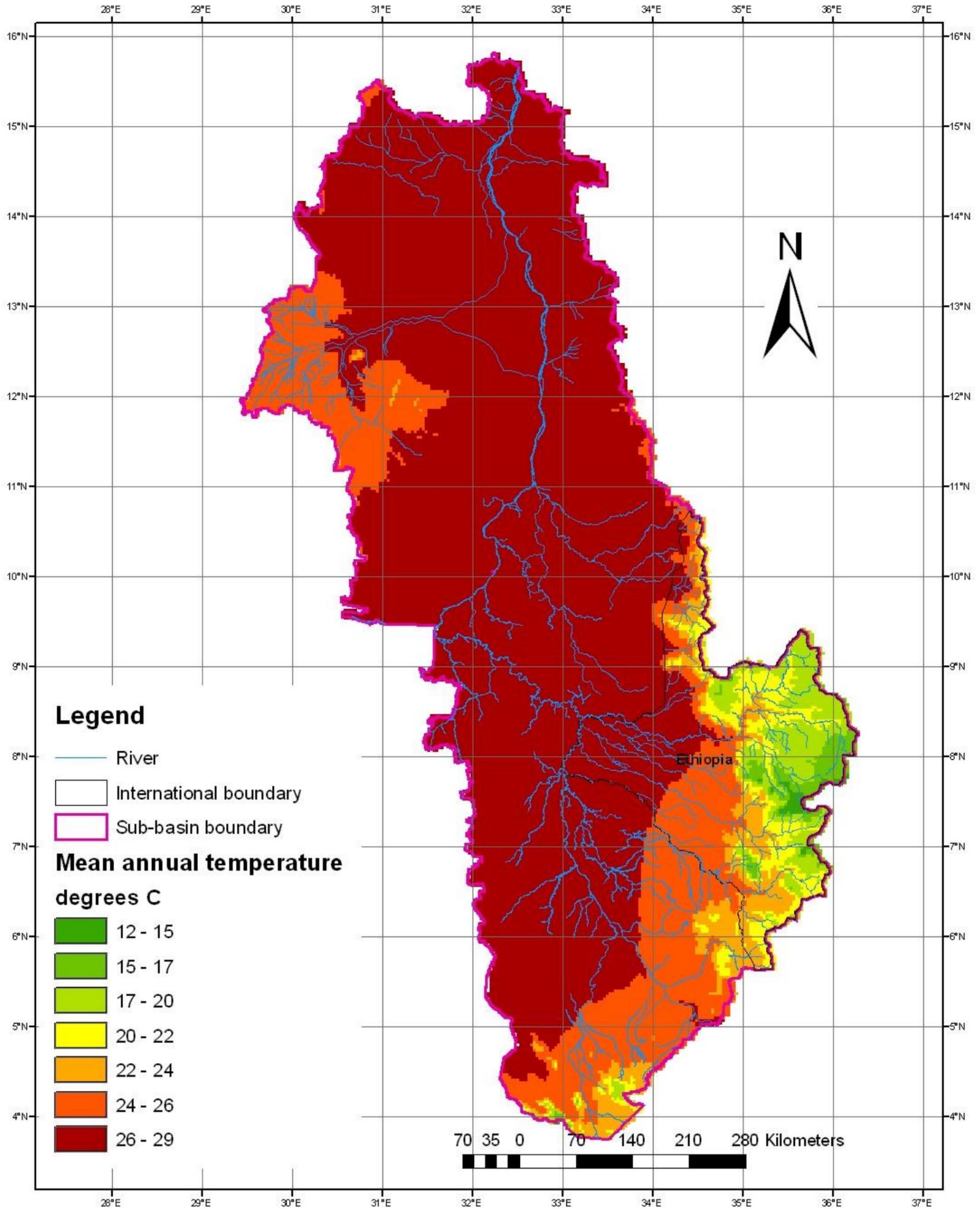
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EASTERN NILE BARO-SOBAT-WHITE NILE SUB-BASIN MEAN ANNUAL RUNOFF



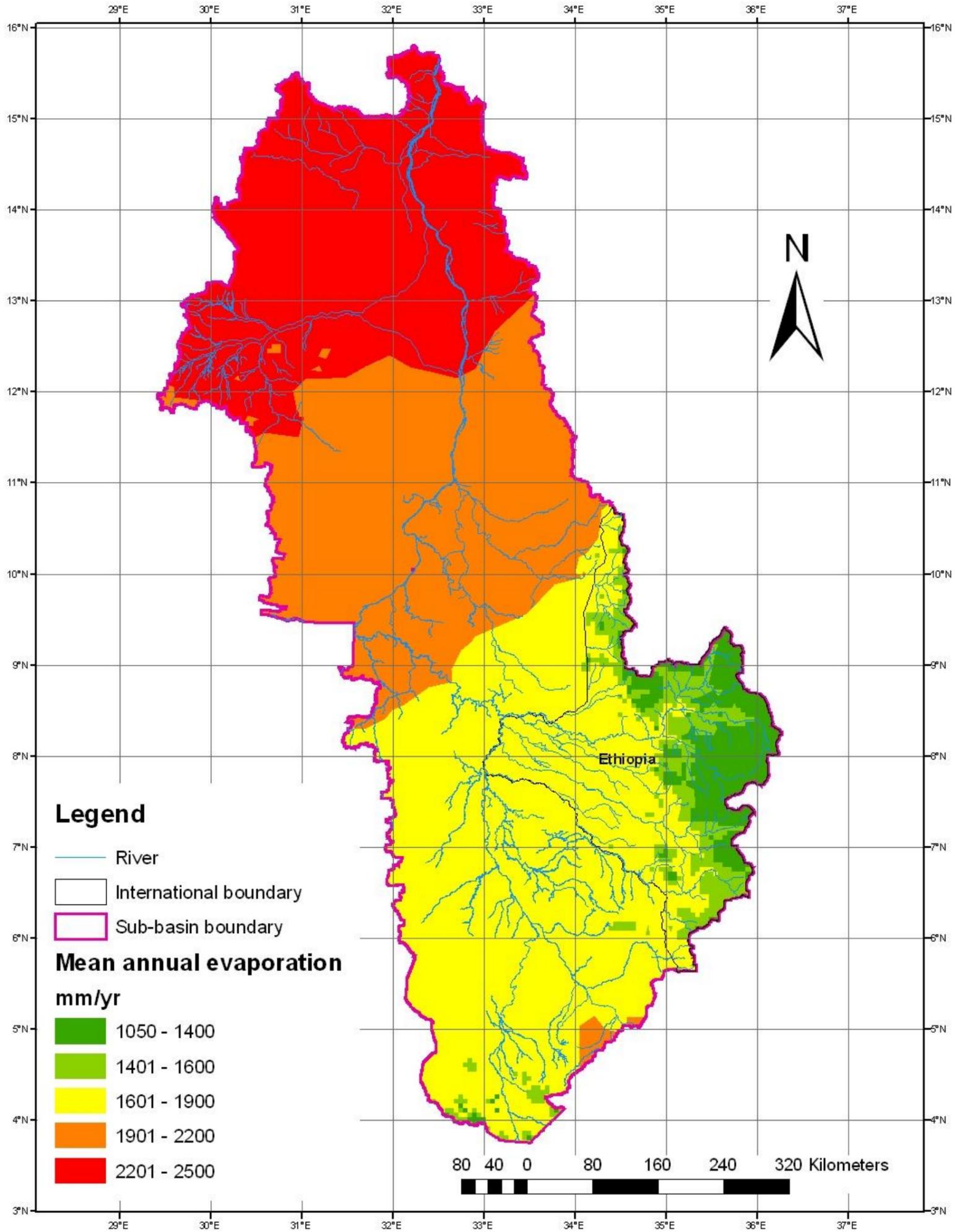
42. BARO-SOBAT-WHITE NILE SUB-BASIN: MEAN ANNUAL TEMPERATURE (°C)

EASTERN NILE BARO-SOBAT-WHITE NILE SUB-BASIN MEAN ANNUAL TEMPERATURE



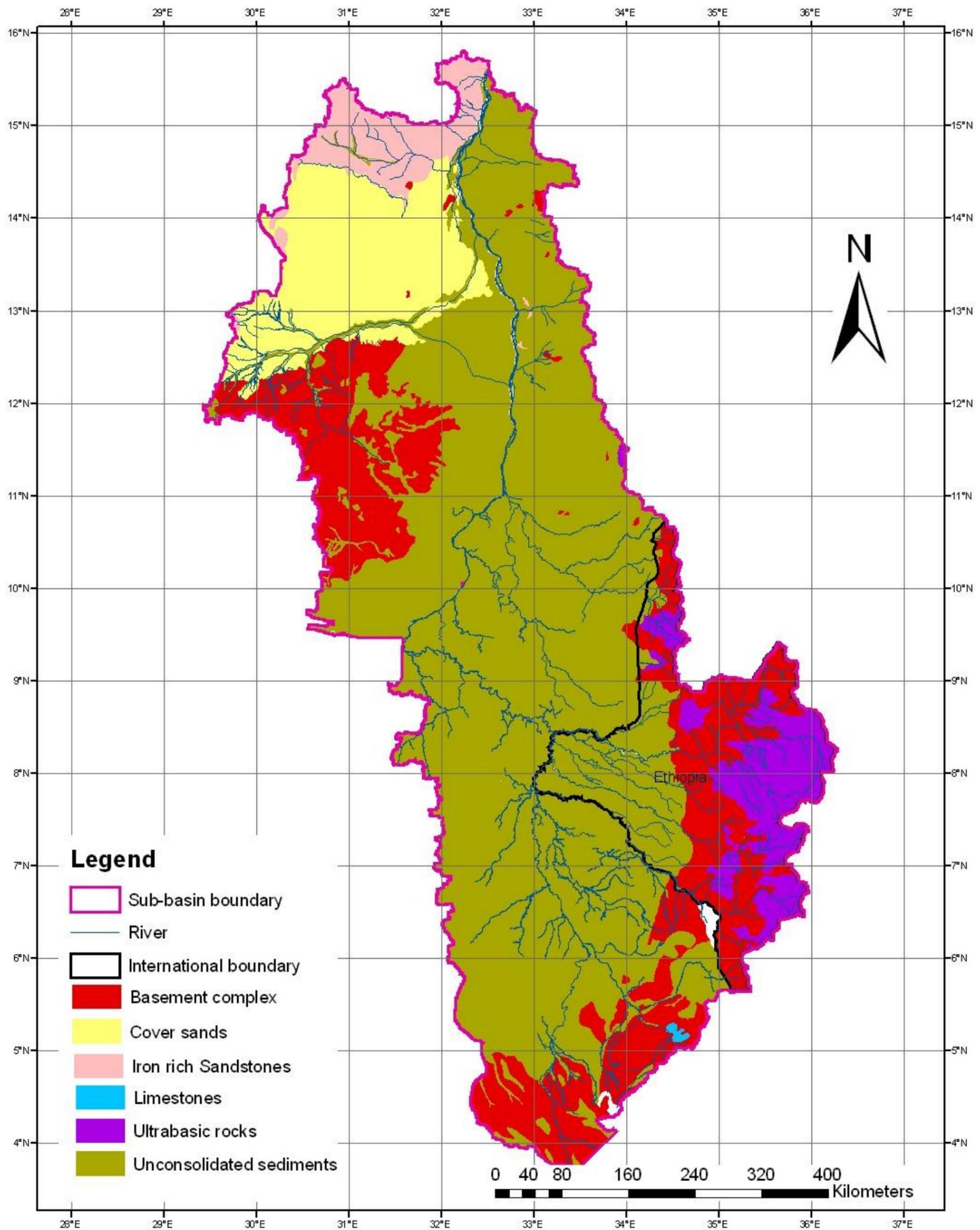
43. BARO-SOBAT-WHITE NILE SUB-BASIN: MEAN ANNUAL EVAPORATION (mm/yr).

EASTERN NILE BARO-SOBAT-WHITE NILE SUB-BASIN MEAN ANNUAL EVAPORATION



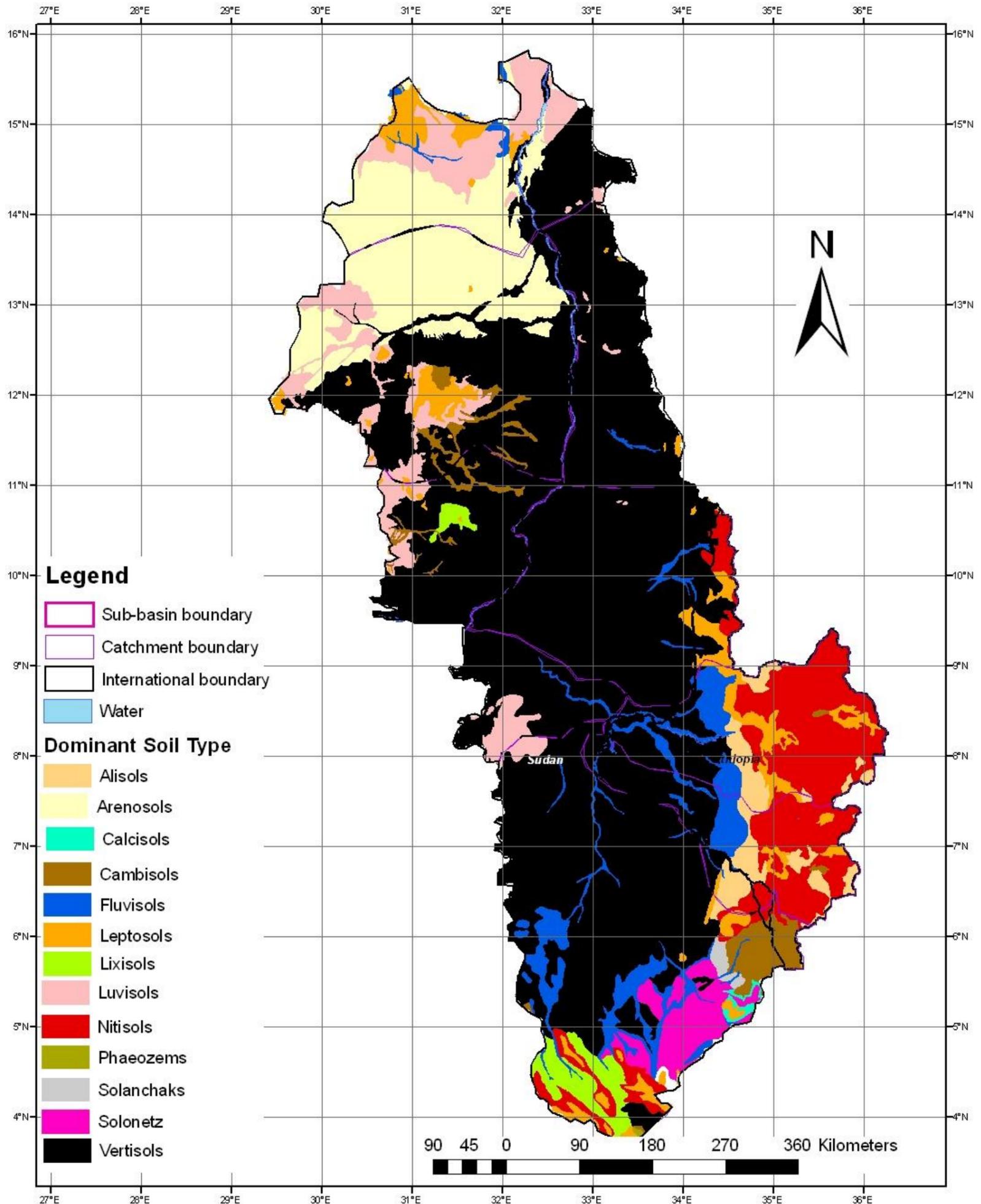
44. BARO-SOBAT-WHITE NILE SUB-BASIN: GEOLOGY (Source: FAO, 1998 "Soil and Terrain Database for Northeast Africa").

EASTERN NILE BARO-SOBAT-WHITE NILE SUB-BASIN GEOLOGY



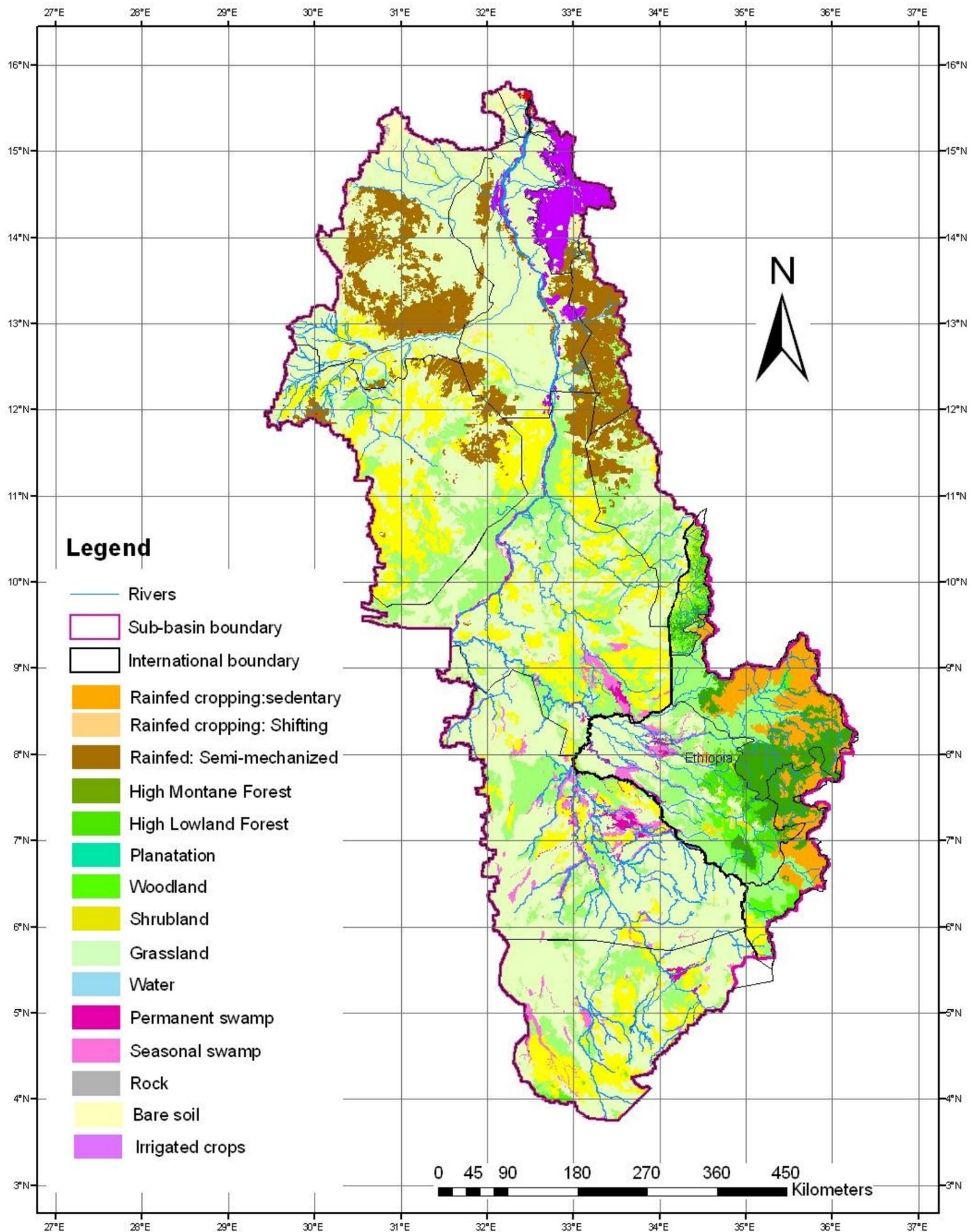
45. BARO-SOBAT-WHITE NILE SUB-BASIN: DOMINANT SOIL TYPES (FAO CLASSIFICATION) (Source: FAO, 1998 "Soil and Terrain Database for Northeast Africa).

EASTERN NILE BARO-SOBAT-WHITE NILE SUB-BASIN DOMINANT SOIL TYPES (FAO CLASSIFICATION)

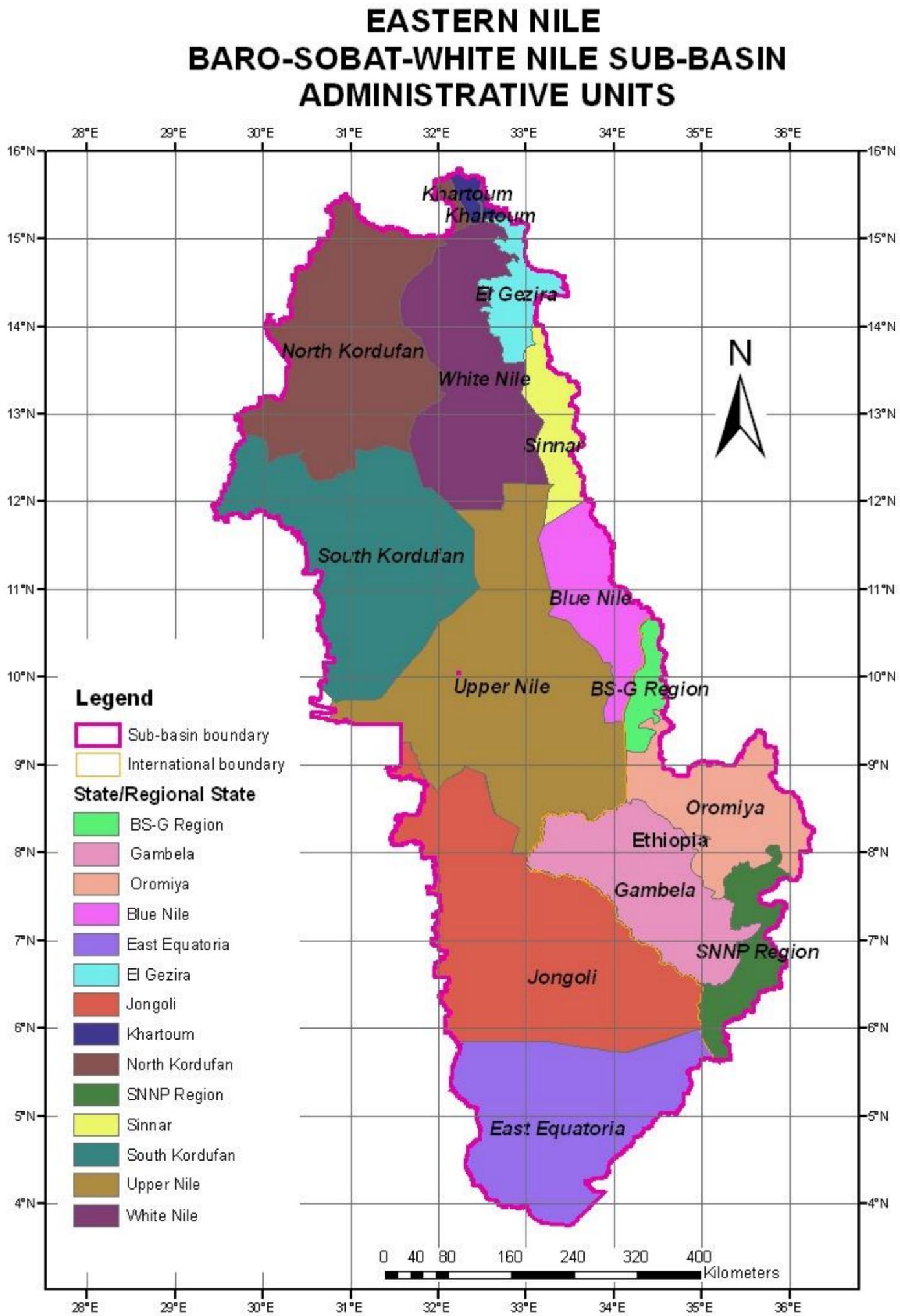


46. BARO-SOBAT-WHITE NILE SUB-BASIN: DOMINANT LAND COVER TYPES
(Source: Africover & WBISPP/MoARD).

EASTERN NILE BARO-SOBAT- WHITE NILE SUB-BASIN DOMINANT LAND COVER

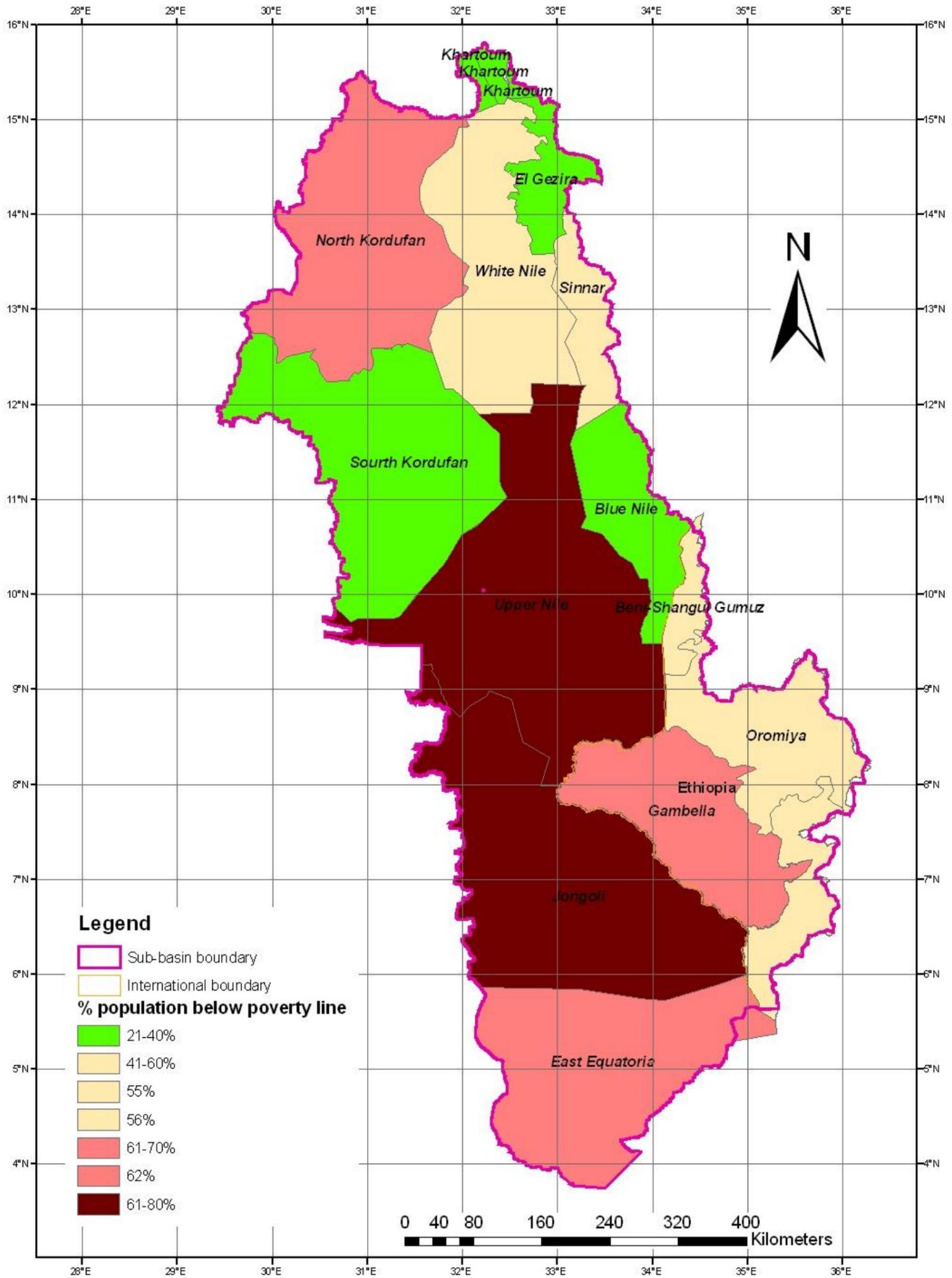


47. BARO-SOBAT-WHITE NILE SUB-BASIN: ADMINISTRATION.



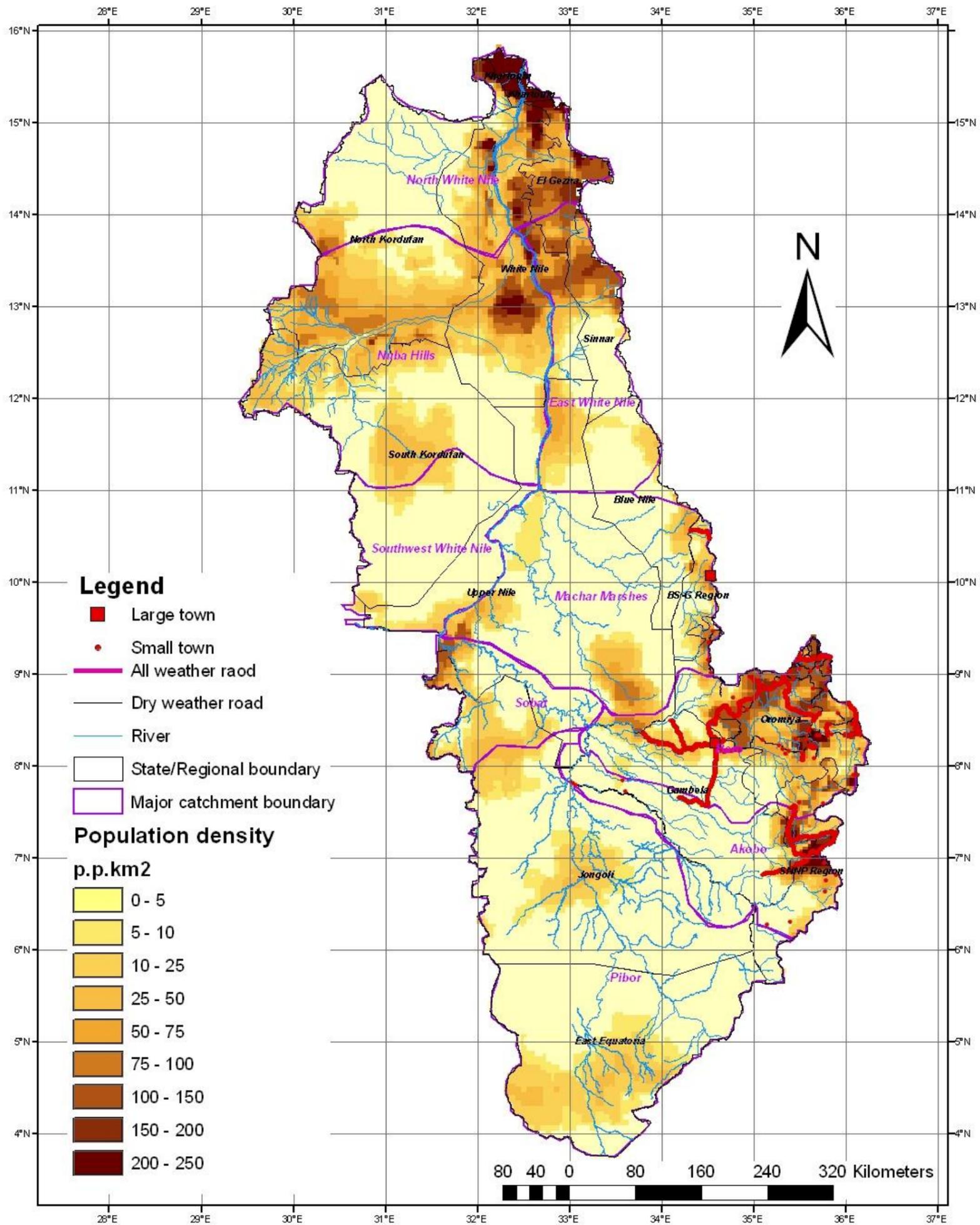
48. BARO-SOBAT SUB-BASIN: POVERTY LEVELS BY REGION (Source: JAM, 2005, Ethiopian Poverty Reduction Strategy, 2004)

EASTERN NILE BARO-SOBAT-WHITE NILE SUB-BASIN POVERTY RATES



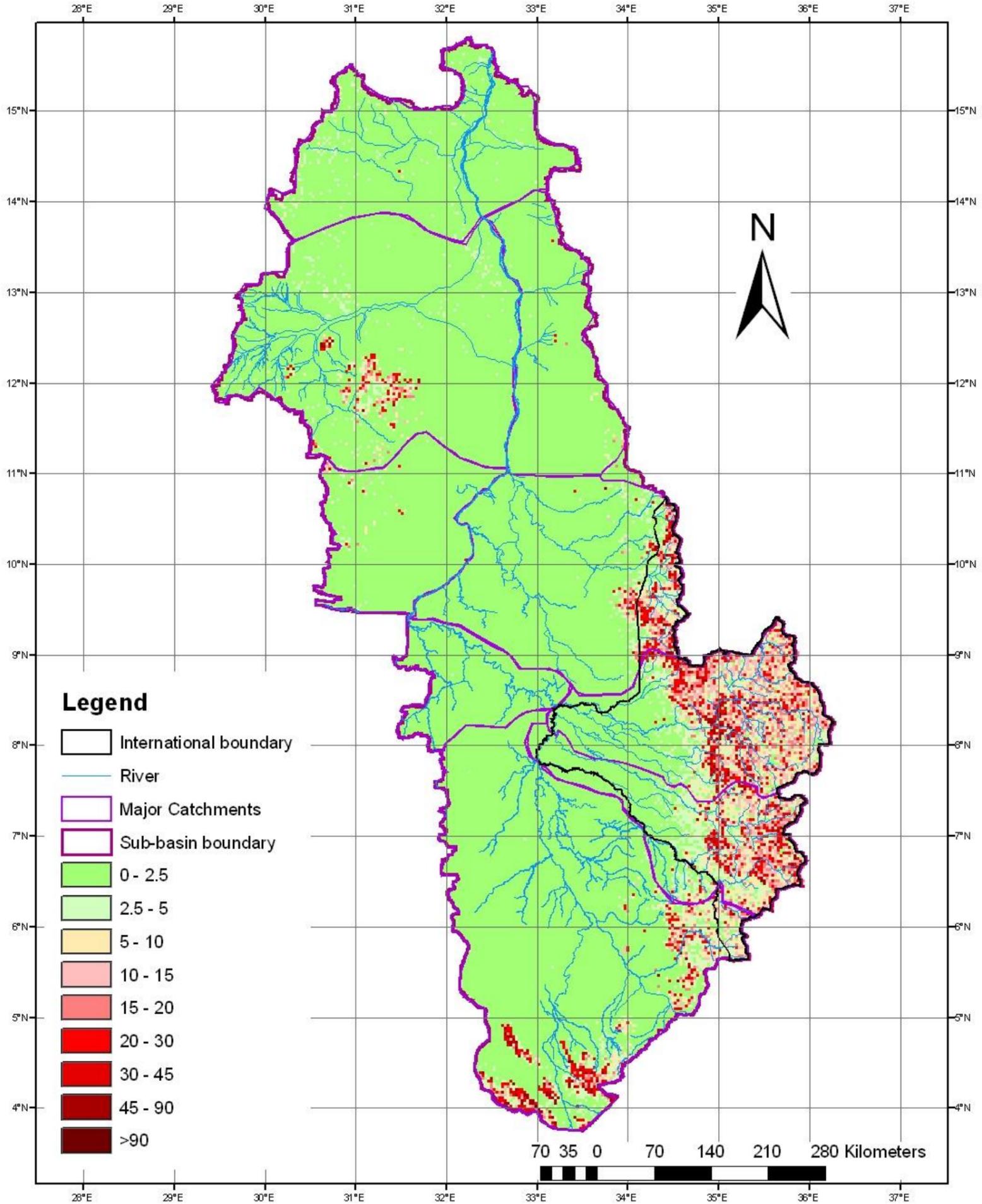
49. BARO-SOBAT-WHITE NILE SUB-BASIN: POPULATION DENSITIES ((Source: Oak Ridge National Laboratory. Landscan 2002 Global Population Database).

EASTERN NILE BARO-SOBAT-WHITE NILE SUB-BASIN POPULATION DENSITY



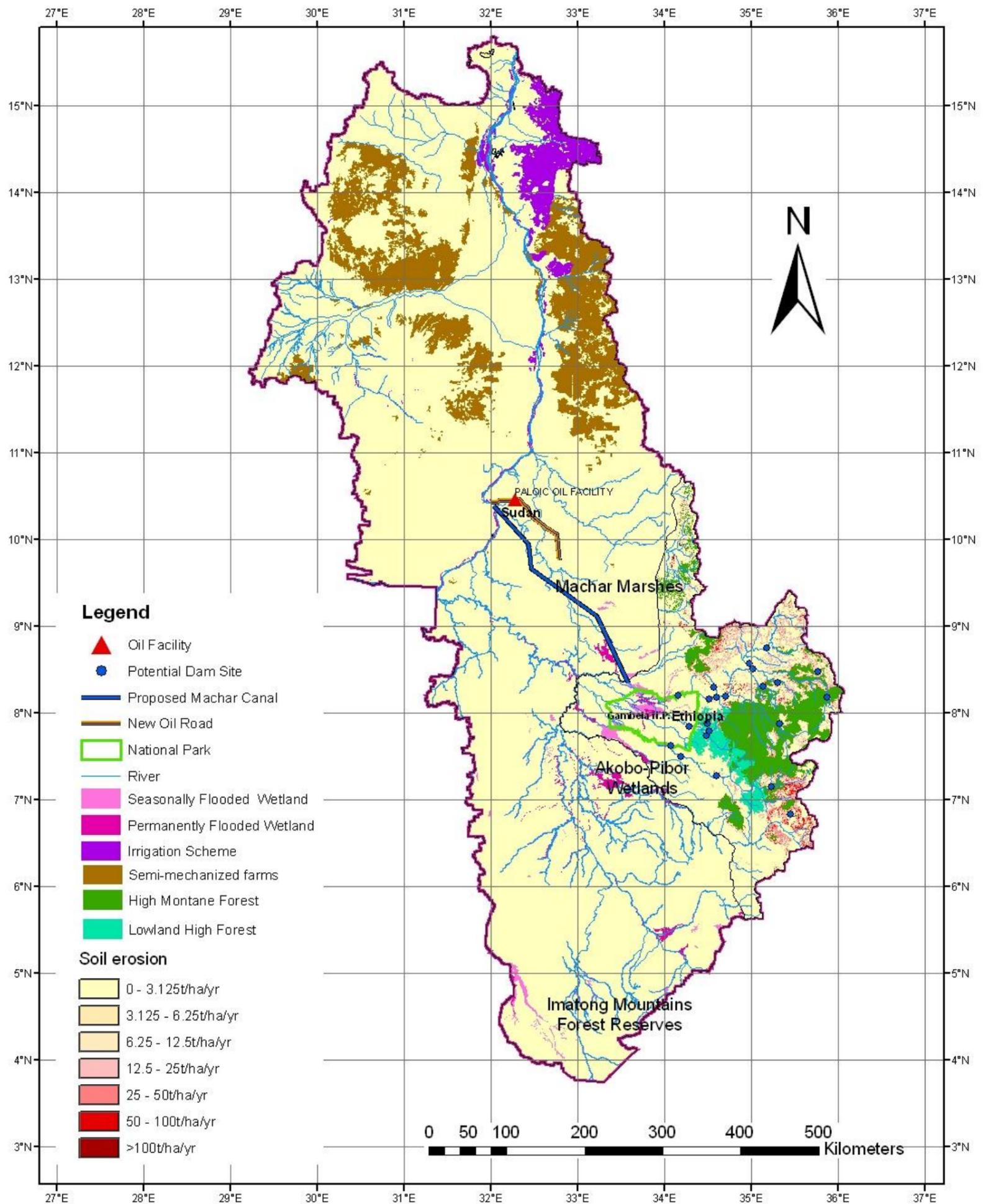
50. BARO-SOBAT-WHITE NILE SUB-BASIN: SLOPE (%)

EASTERN NILE BARO-SOBAT-WHITE NILE SUB-BASIN SLOPE



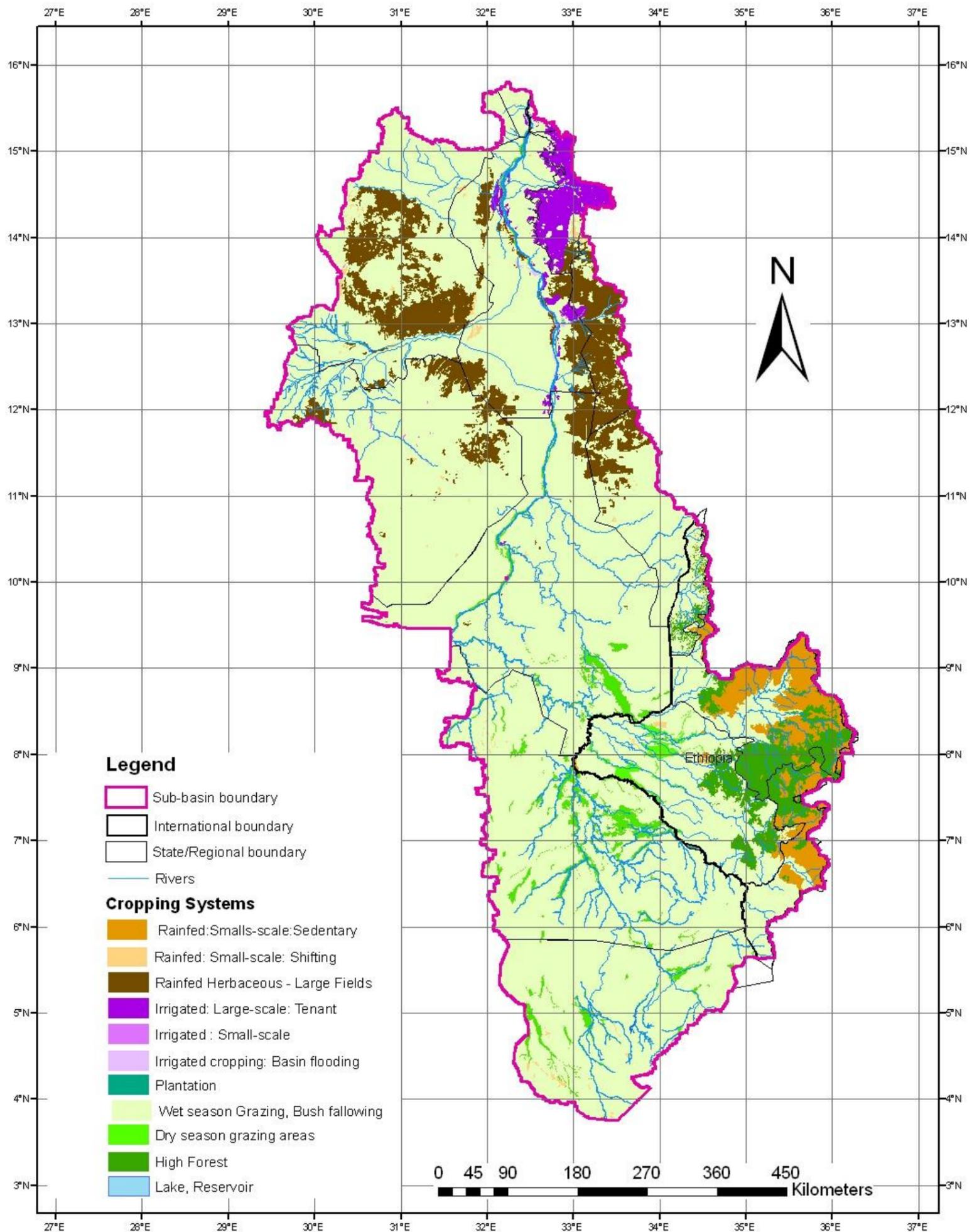
51. BARO-SOBAT-WHITE NILE SUB-BASIN: ACTUAL AND POTENTIALS FOR NATURAL RESOURCE DEGRADATION

**EASTERN NILE BASIN
BARO-SOBAT-WHITE NILE SUB-BASIN
ACTUAL AND POTENTIALS FOR
NATURAL RESOURCE DEGRADATION**



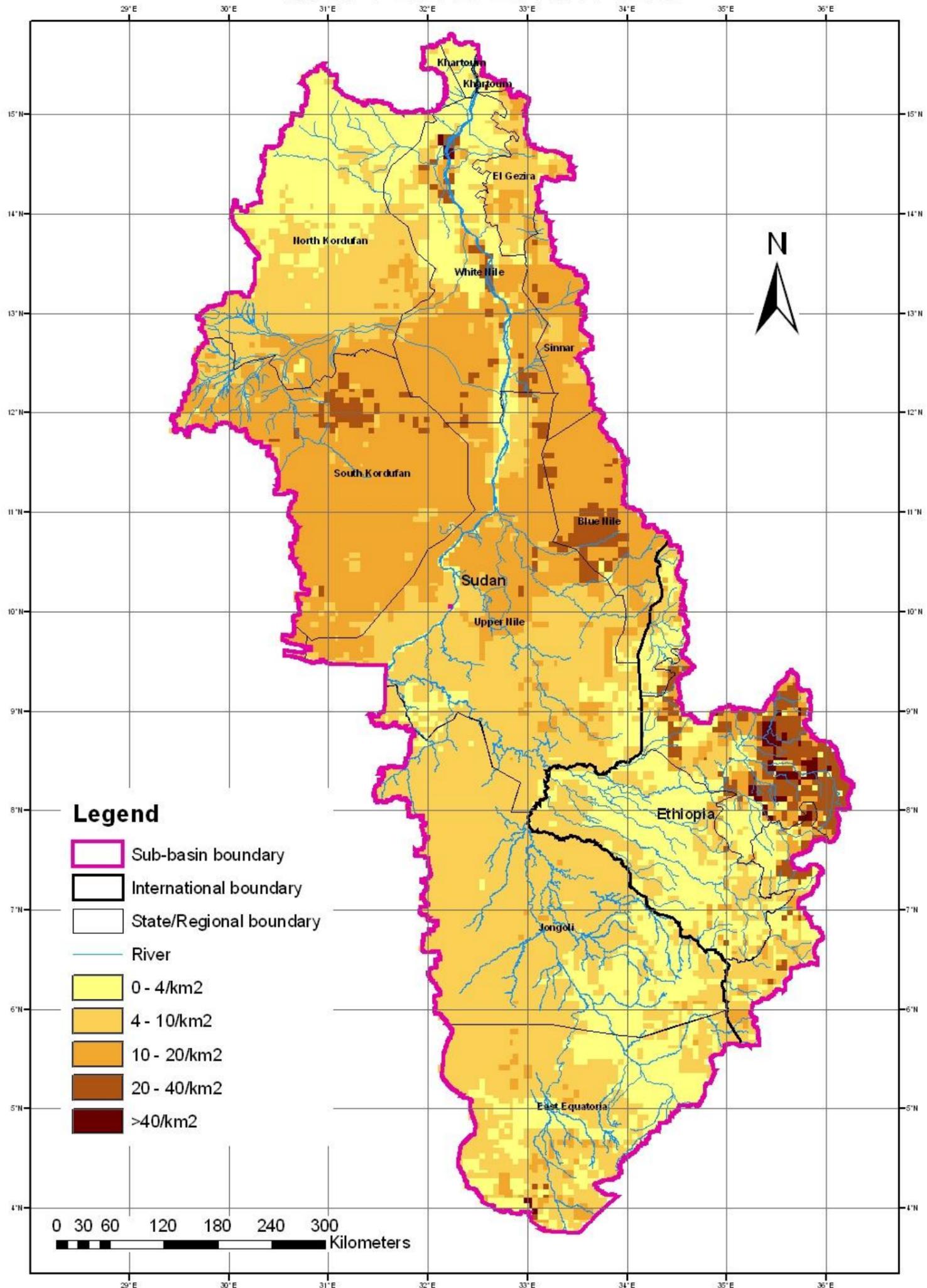
52. BARO-SOBAT-WHITE NILE SUB-BASIN: AGRICULTURAL SYSTEMS

EASTERN NILE BARO-SOBAT- WHITE NILE SUB-BASIN AGRICULTURAL SYSTEMS



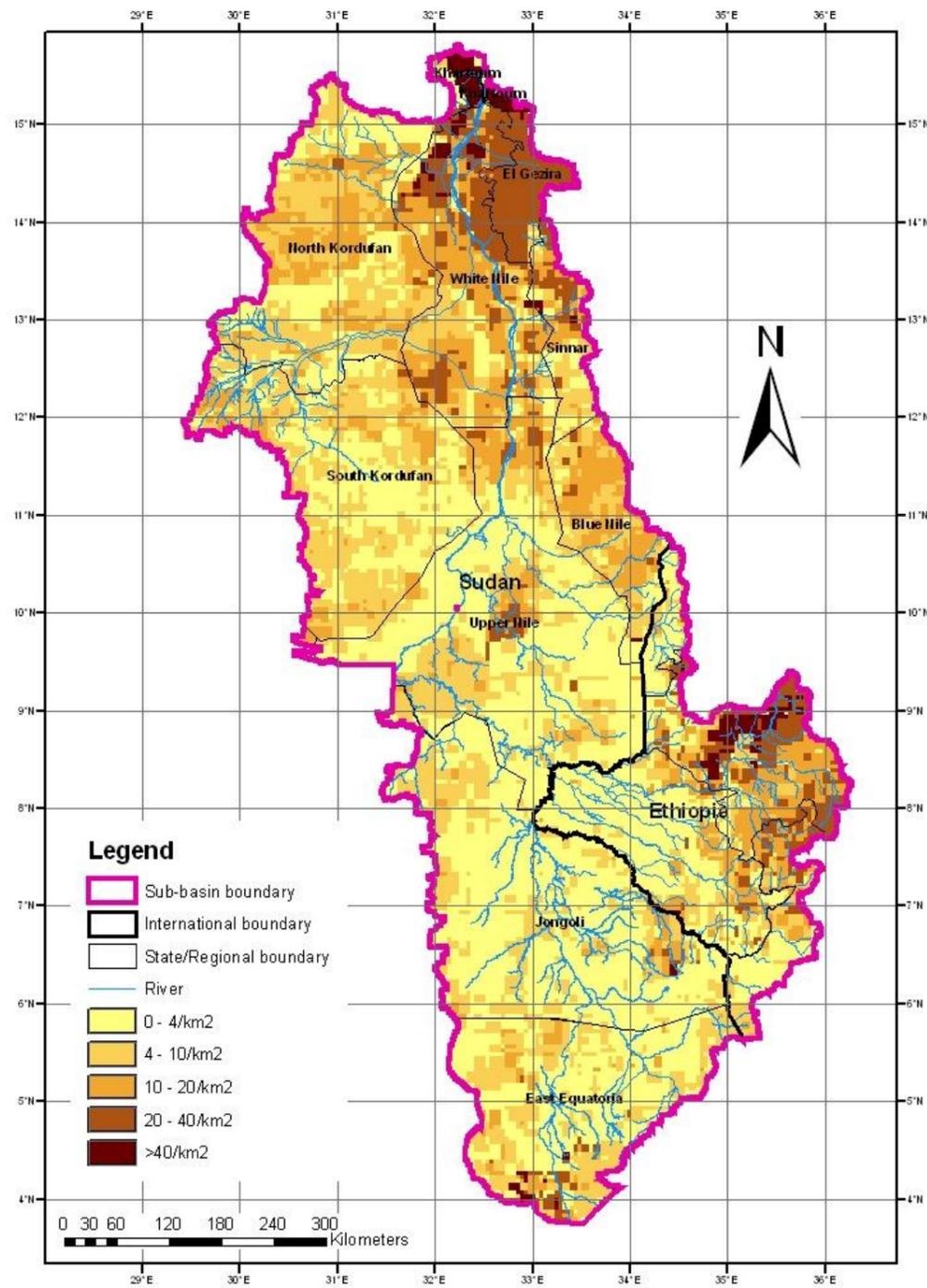
53. BARO-SOBAT-WHITE NILE SUB-BASIN: CATTLE DENSITIES (Source African Livestock Database, FAO, 2004)

BARO-SOBAT-WHITE NILE SUB-BASIN CATTLE DENSITIES

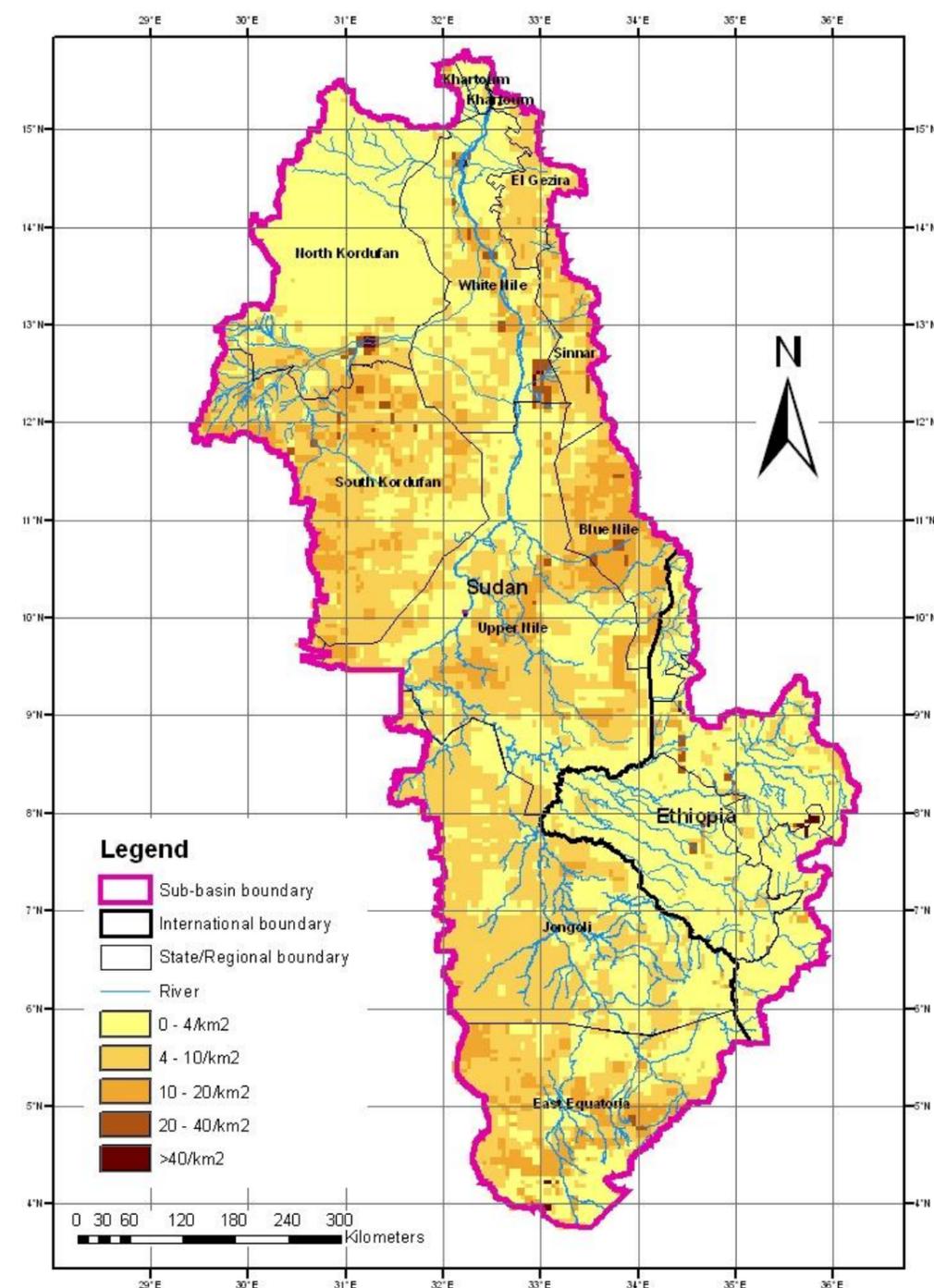


54. BARO-SOBAT-WHITE NILE SUB-BASIN: SHEEP & GOAT DENSITIES (Source: African Livestock Database, FAO, 2004)

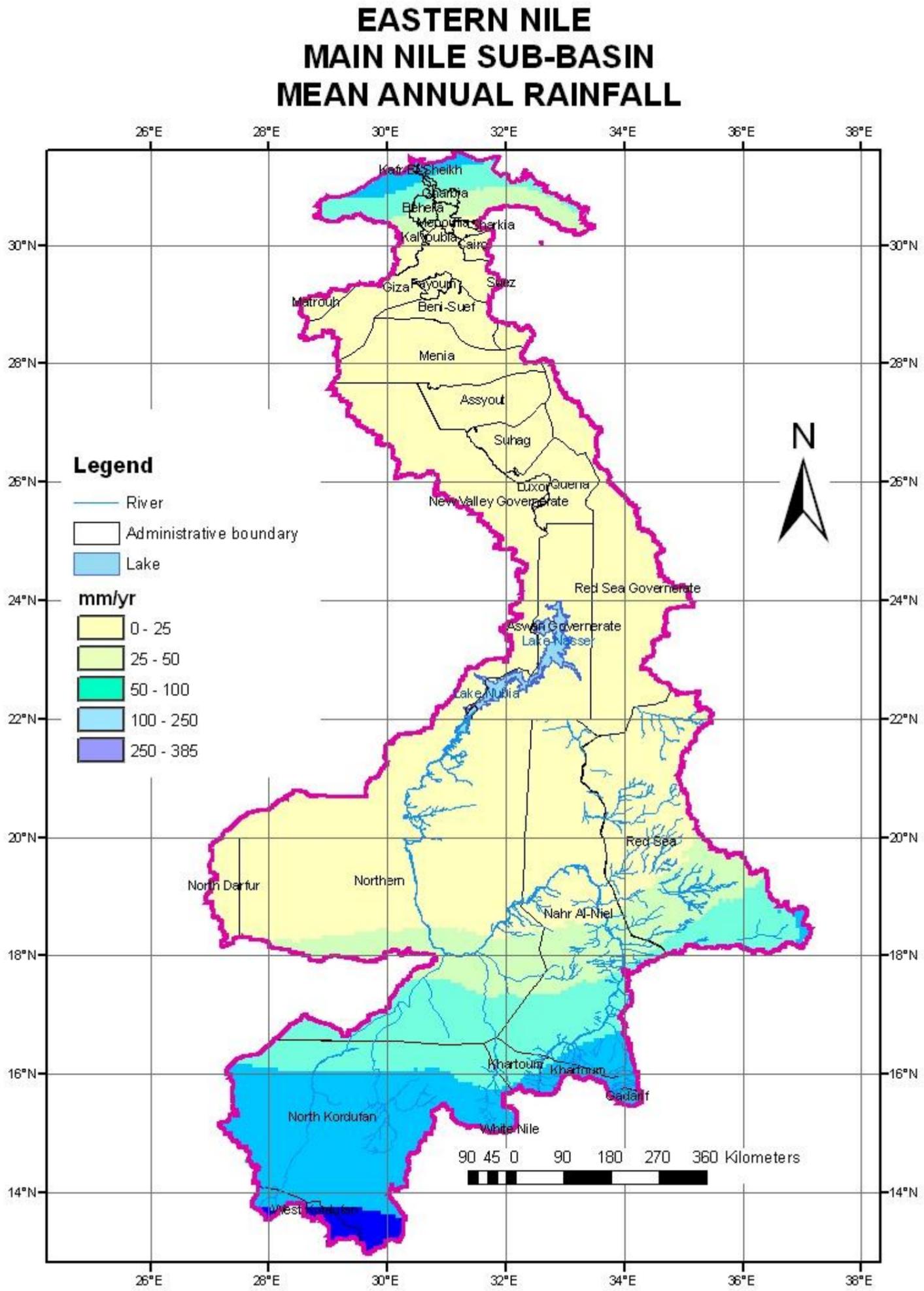
**BARO-SOBAT-WHITE NILE SUB-BASIN
SHEEP DENSITIES**



**BARO-SOBAT-WHITE NILE SUB-BASIN
GOAT DENSITIES**

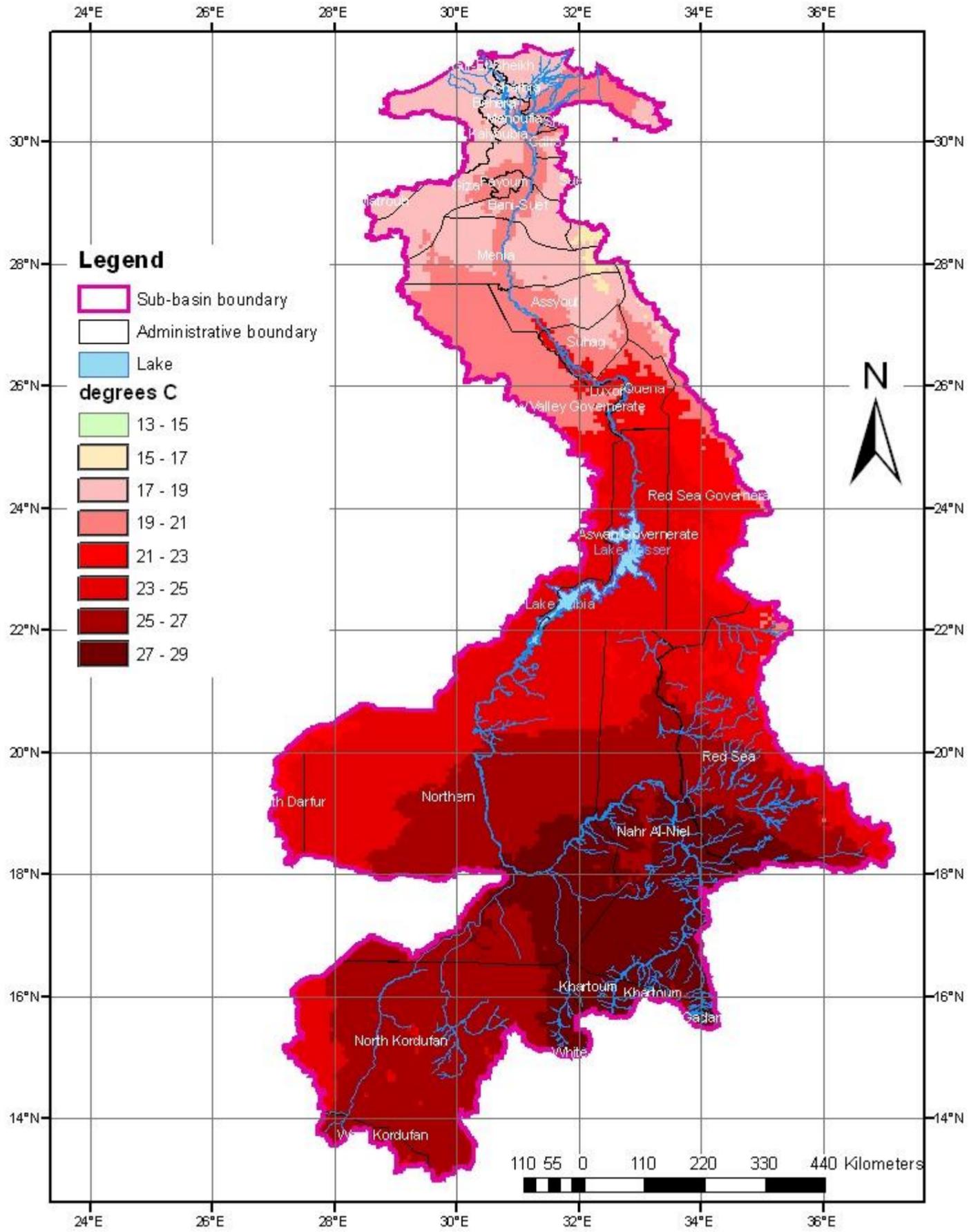


56. MAIN NILE SUB-BASIN: MEAN ANNUAL RAINFALL (mm/yr)



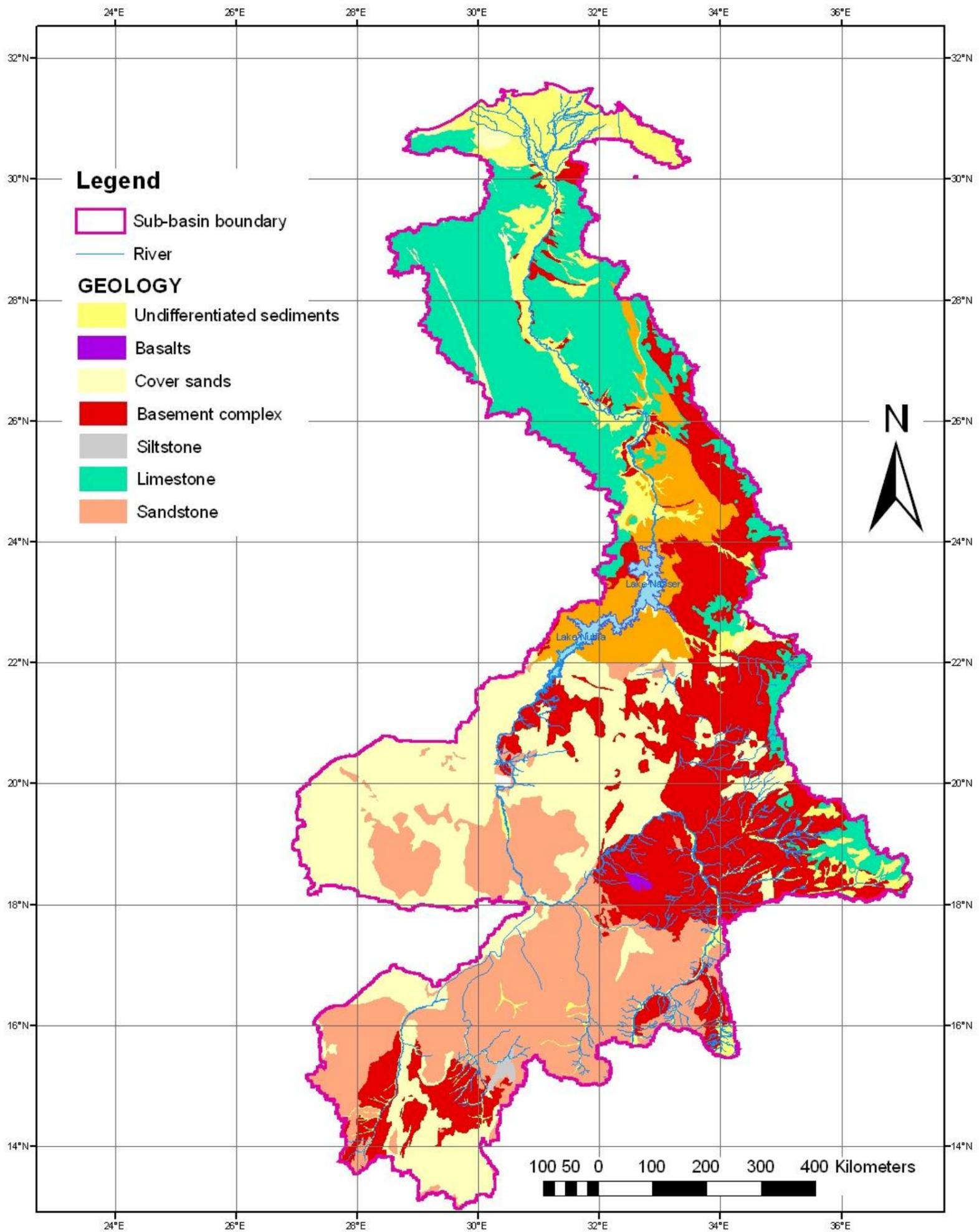
57. MAIN NILE SUB-BASIN: MEAN ANNUAL TEMPERATURE (degrees C).

EASTERN NILE MAIN NILE SUB-BASIN MEAN ANNUAL TEMPERATURE



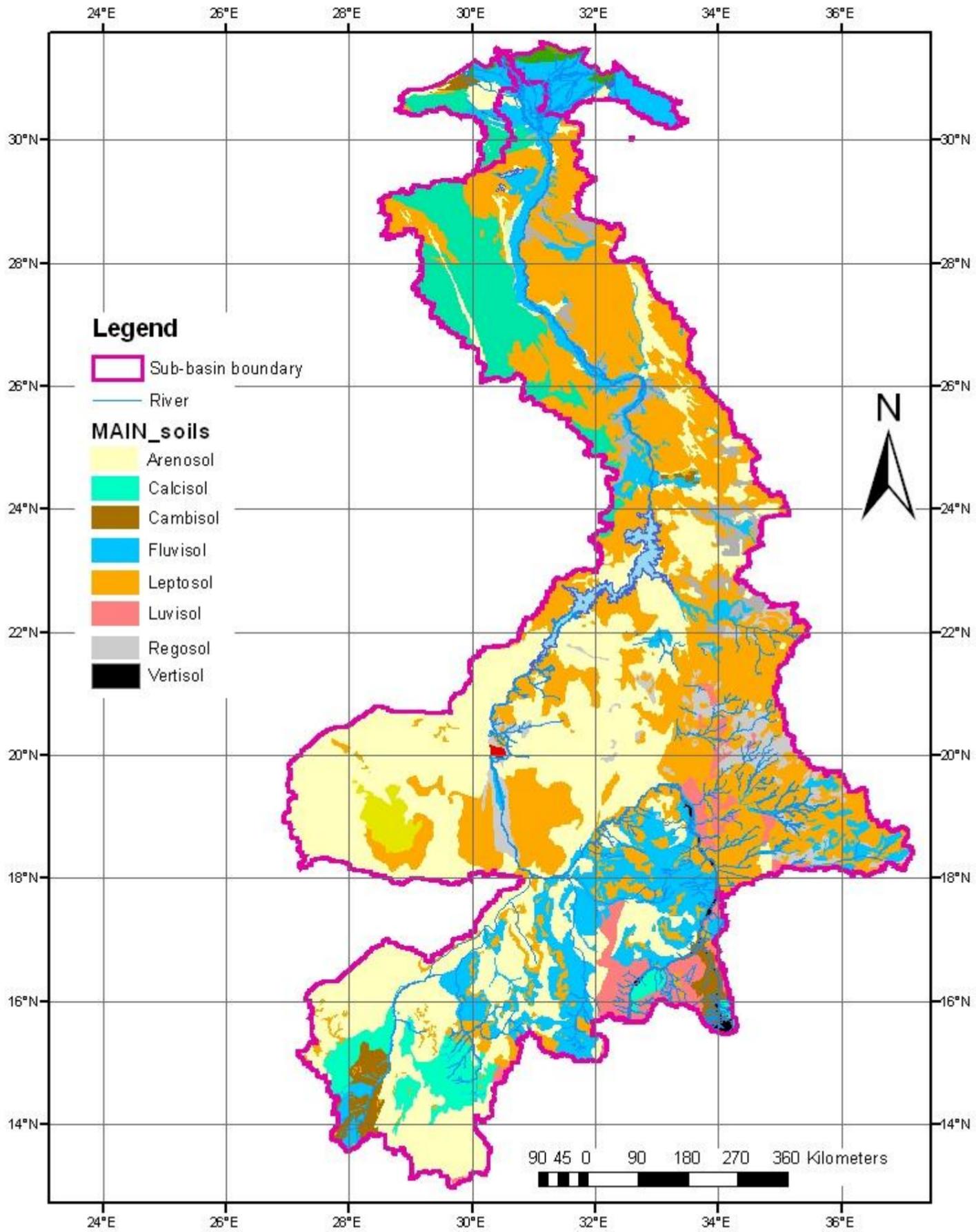
58. MAIN NILE SUB-BASIN: GEOLOGY (Source: FAO, 1998 "Soil and Terrain Database for Northeast Africa").

EASTERN NILE MAIN NILE SUB-BASIN GEOLOGY

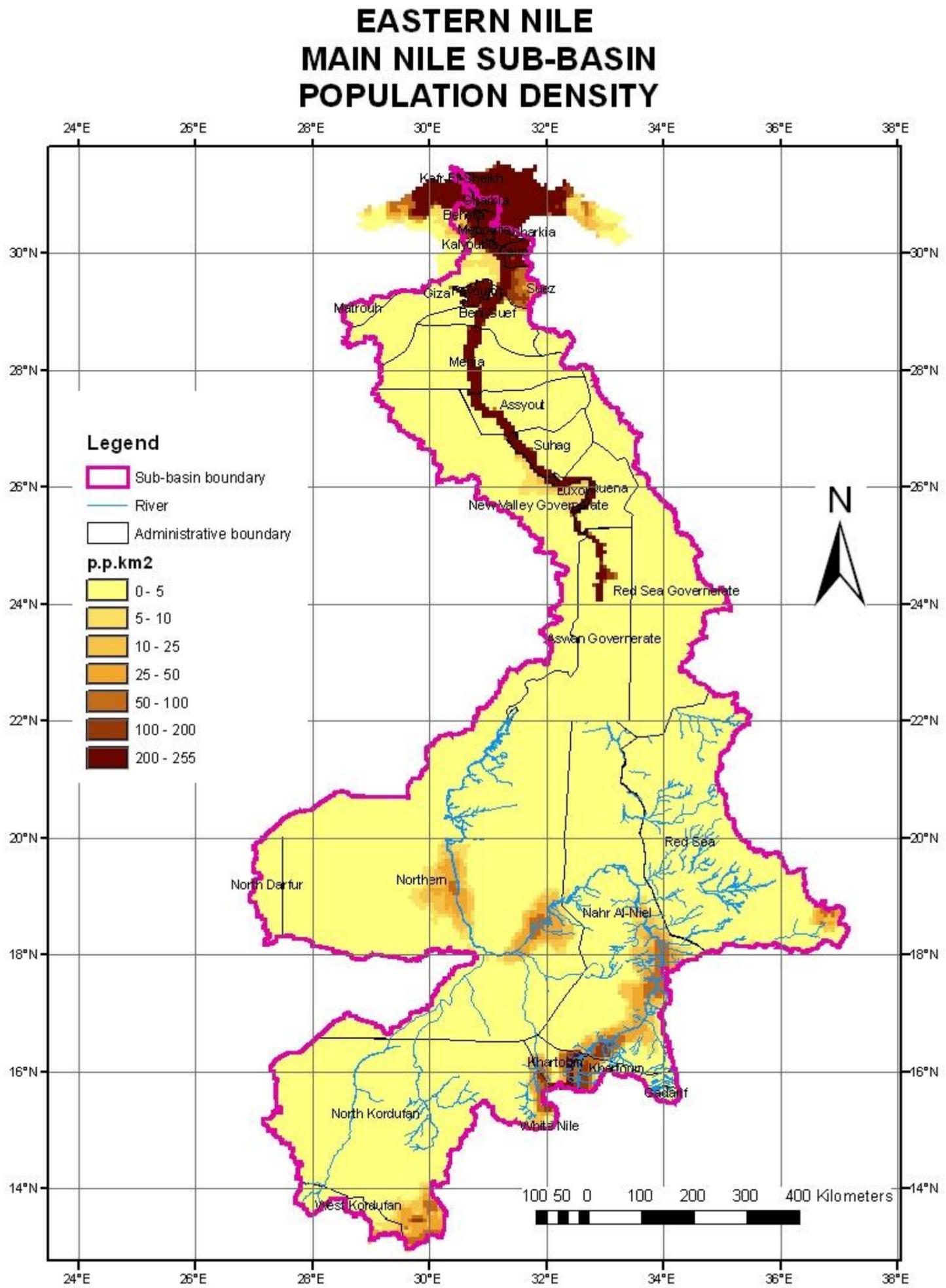


59. MAIN NILE SUB-BASIN: MAIN SOIL TYPES (FAO CLASSIFICATION). (Source FAO, 1998 "Soil and Terrain Database for Northeast Africa").

EASTERN NILE MAIN NILE SUB-BASIN DOMINANT SOIL TYPES (FAO CLASSIFICATION)

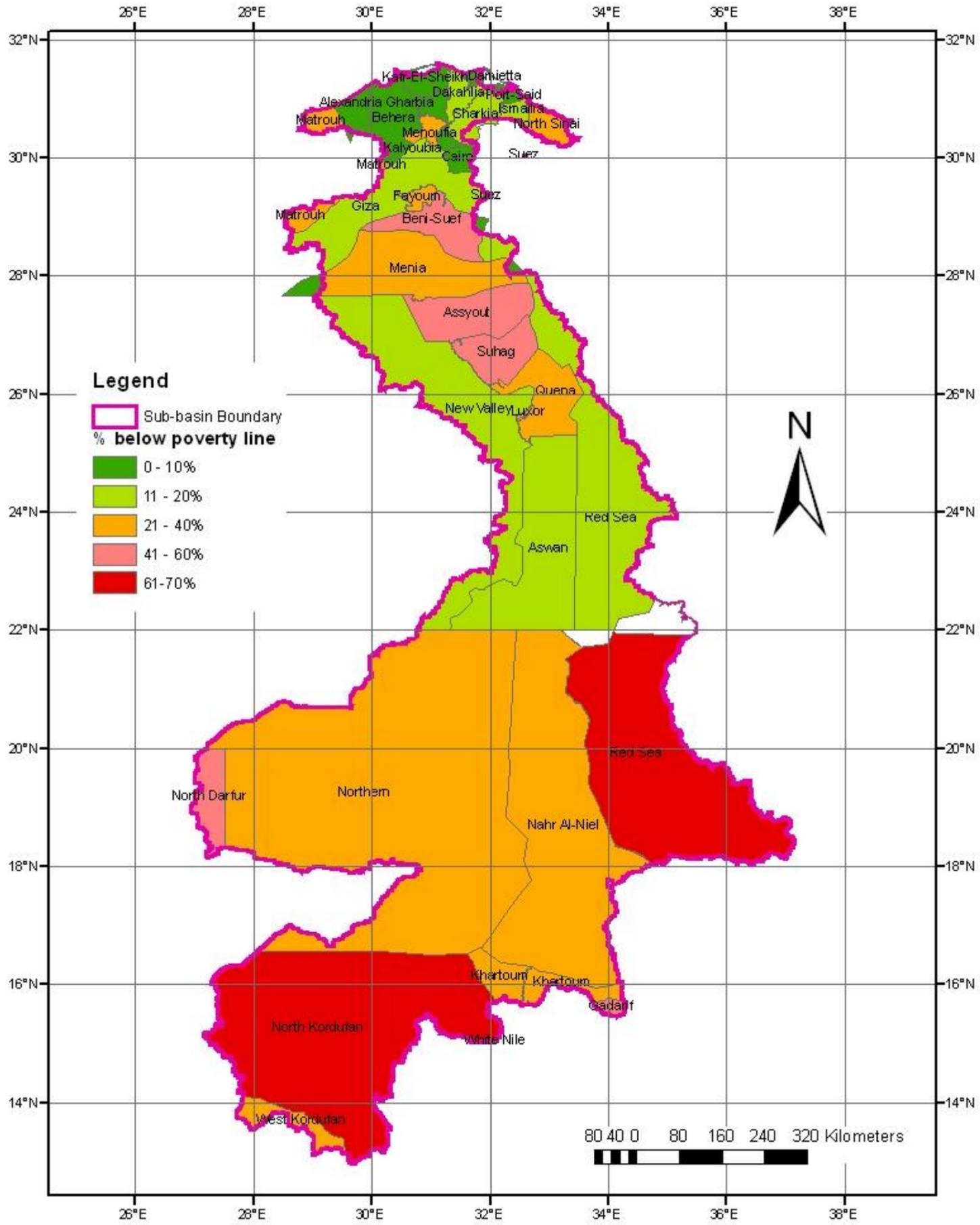


61. MAIN NILE SUB-BASIN: POPULATION DENSITIES (Source: Oak Ridge National Laboratory. Landscan 2002 Global Population Database).



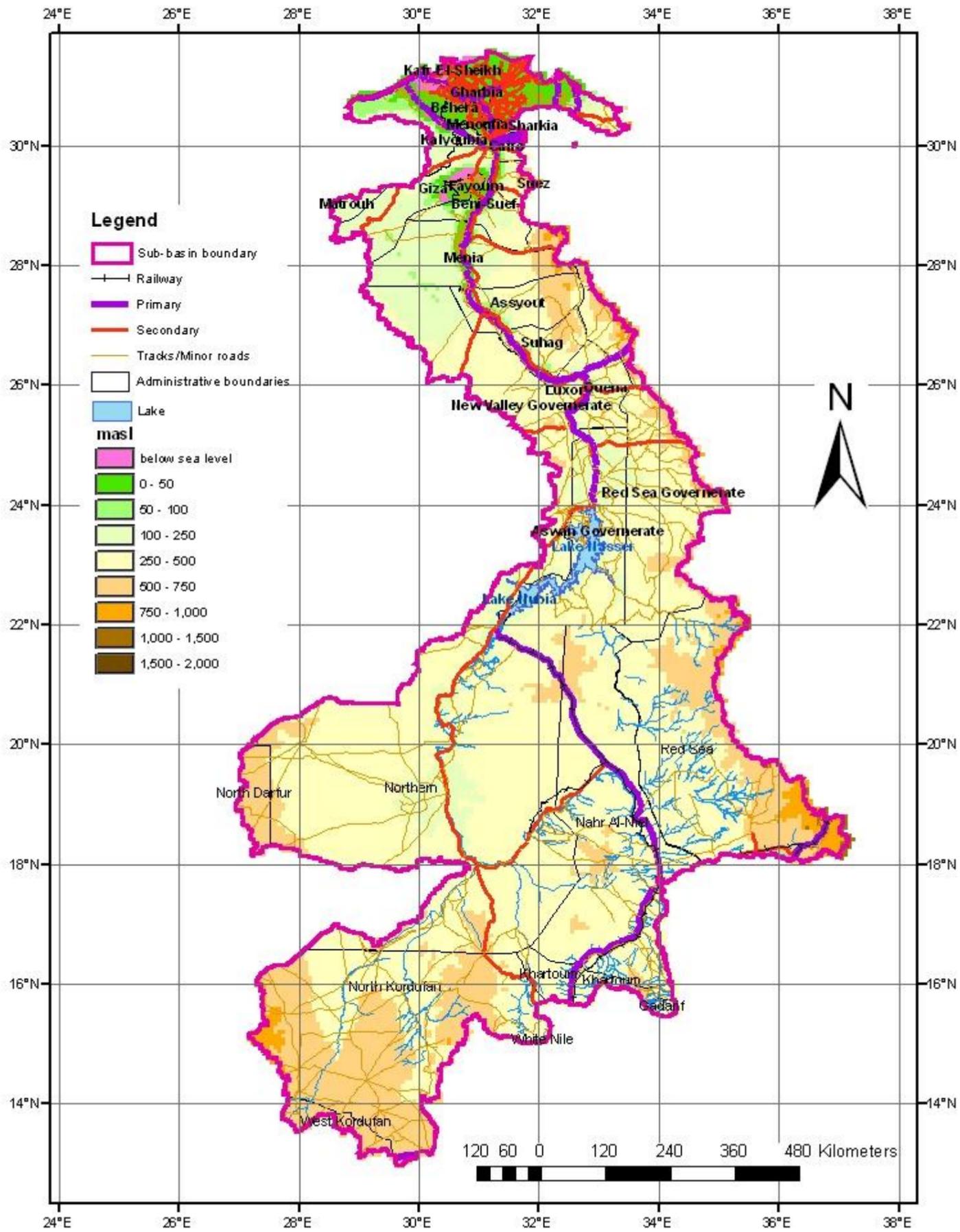
62. MAIN NILE SUB-BASIN: POVERTY.

EASTERN NILE MAIN NILE SUB-BASIN POVERTY



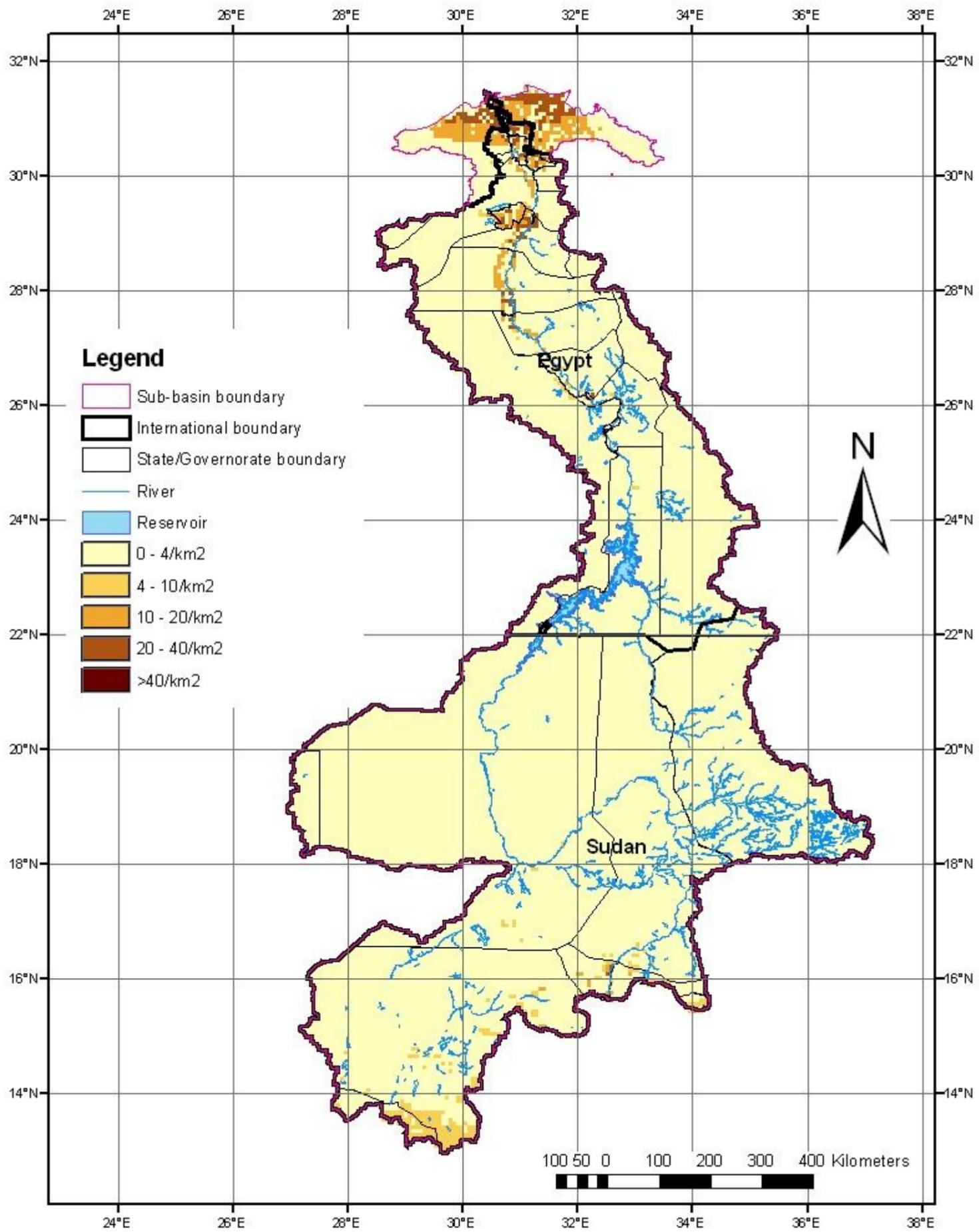
63. MAIN NILE SUB-BASIN: POVERTY.

EASTERN NILE MAIN NILE SUB-BASIN ROAD NETWORK



64. MAIN NILE SUB-BASIN: CATTLE DENSITY

**MAIN SUB-BASIN
CATTLE DENSITIES**



65. MAIN NILE SUB-BASIN: SHEEP AND GOATS DENSITY

