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NATURAL RESOURCES AND
DEVELOPMENT POTENTIAL
IN THE
SOUTHERN PROVINCES OF
THE SUDAN

A Preliminary Report by the
Southern Development Investigation Team

1954

Volume II.
MAPS AND DIAGRAMS

LIST OF MAPS AND DIAGRAMS.

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FIGURE D.
ECOLOGICAL MAP

FIGURE D

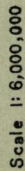


FIGURE E.
HYDROLOGICAL MAP

FIGURE E

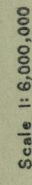
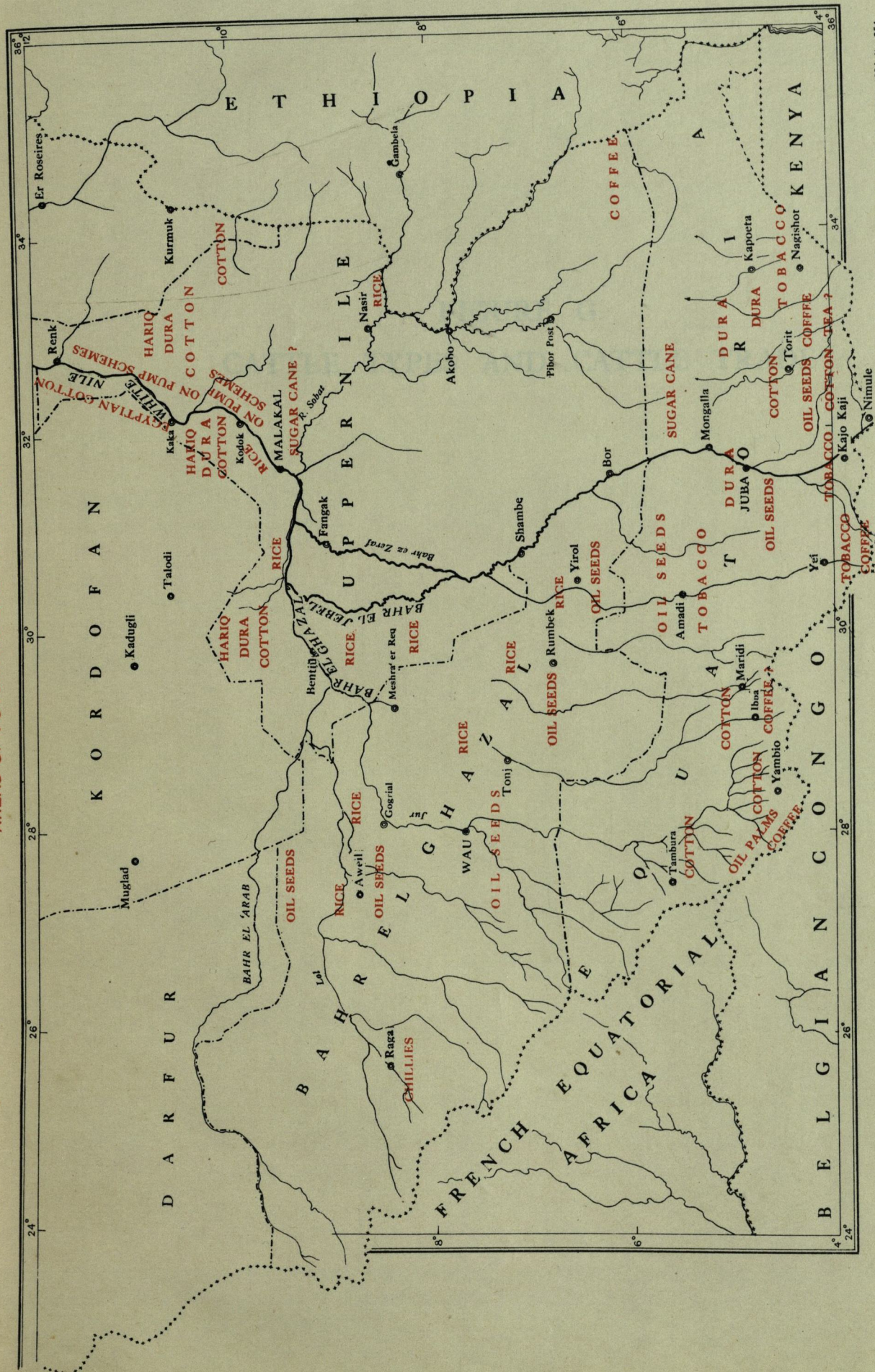


FIGURE F.

AREAS OF POTENTIAL CROP PRODUCTION

FIGURE F

SOUTHERN SUDAN
AREAS OF POTENTIAL CROP PRODUCTION



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FIGURE G.
CATTLE TYPES AND CATTLE TRADE

FIGURE H.
AREAS OF POTENTIAL DEVELOPMENT
AND
PROPOSED RAILWAY EXTENSIONS

SOUTHERN SUDAN
 AREAS OF POTENTIAL DEVELOPMENT AND PROPOSED RAILWAY EXTENSIONS
 FIGURE H

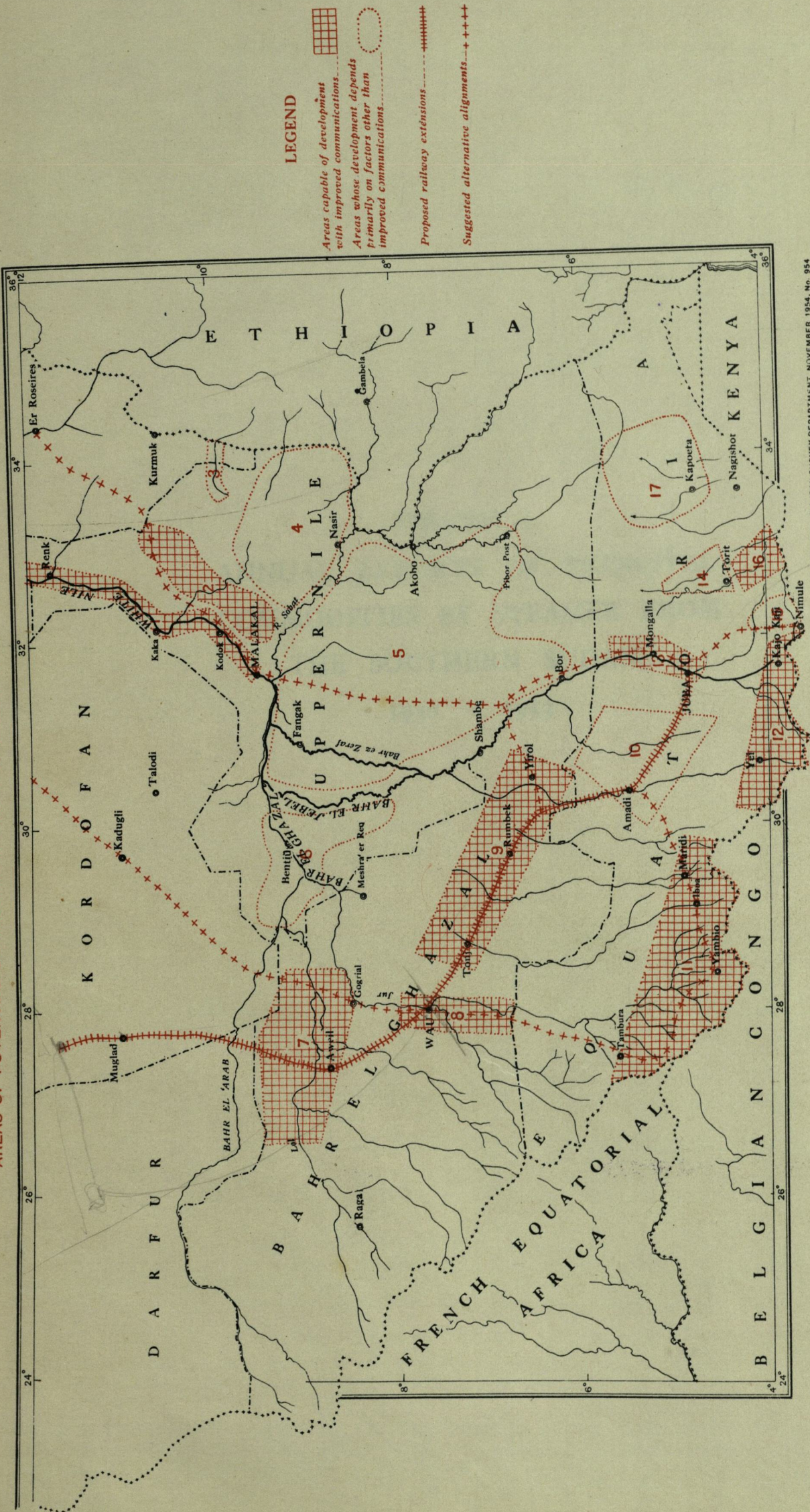


FIGURE I.
ANNUAL EXPORTS OF PRINCIPAL
COMMODITIES BY STEAMER FROM
THE SOUTHERN SUDAN,
1930 — 1953

FIGURE 1

ANNUAL EXPORTS OF PRINCIPAL COMMODITIES BY STEAMER FROM THE SOUTHERN SUDAN, 1930-53

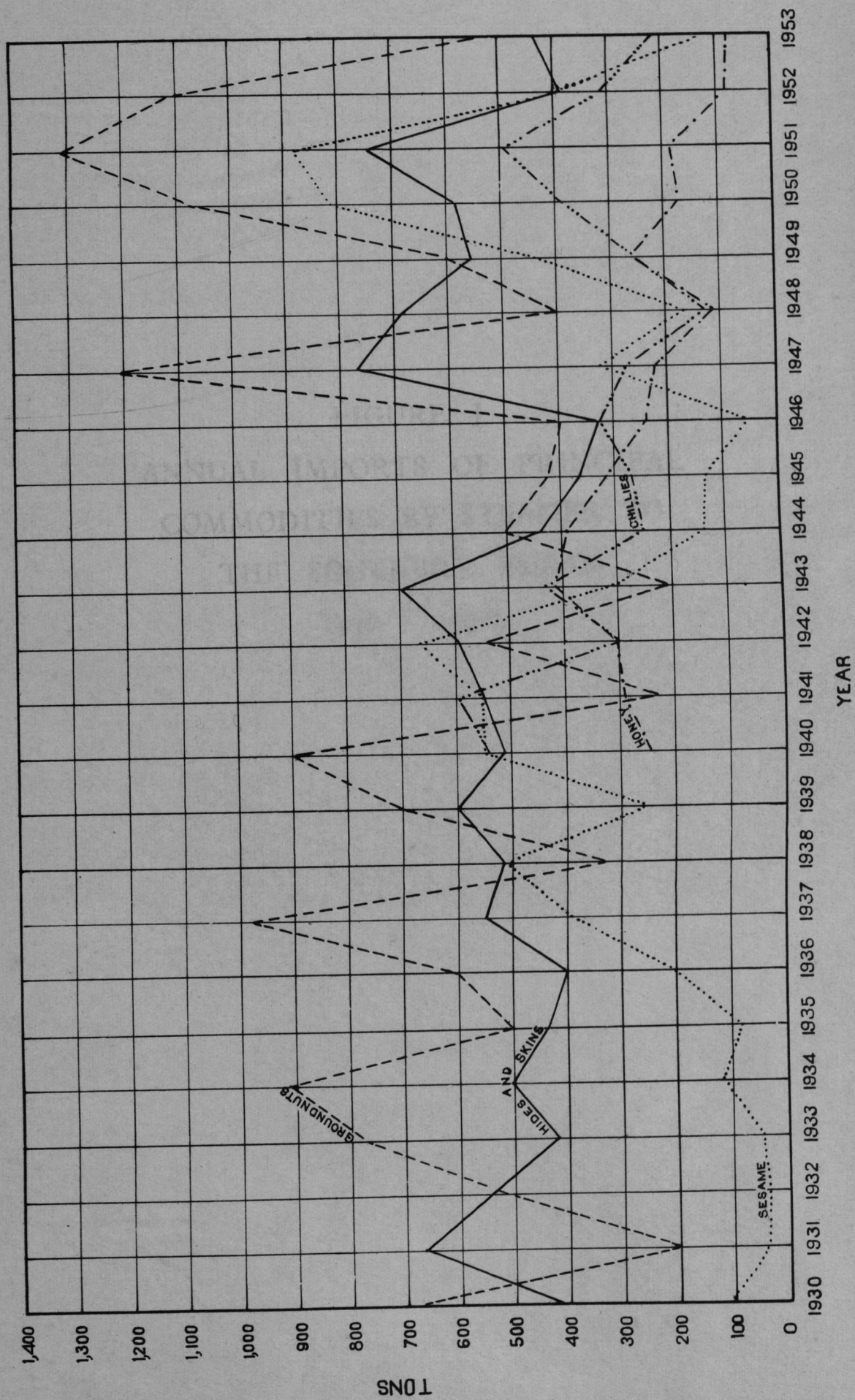


FIGURE J.
ANNUAL IMPORTS OF PRINCIPAL
COMMODITIES BY STEAMER TO
THE SOUTHERN SUDAN,
1930 — 1953

FIGURE J

ANNUAL IMPORTS OF PRINCIPAL COMMODITIES BY STEAMER TO THE SOUTHERN SUDAN, 1930-53

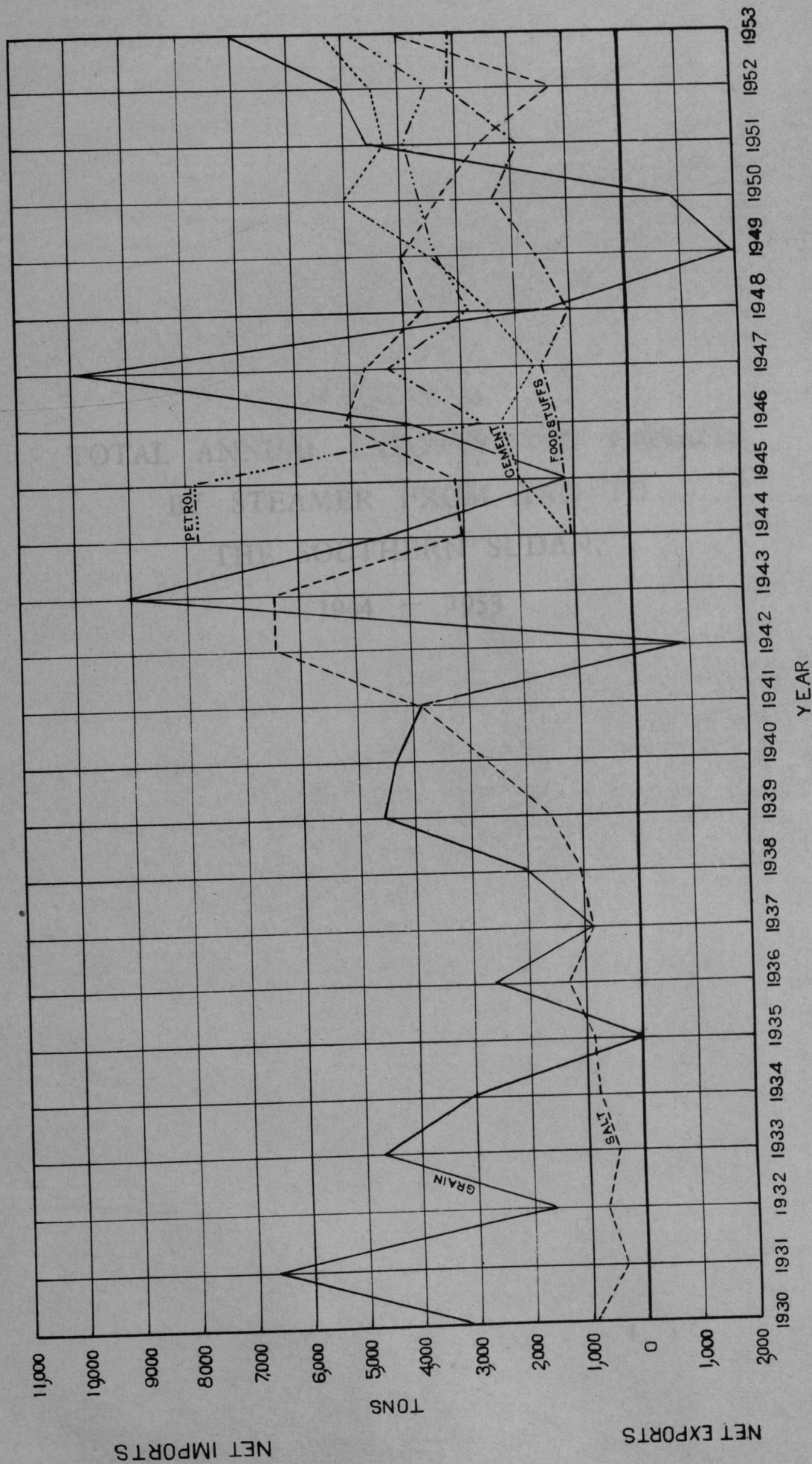


FIGURE K.
TOTAL ANNUAL EXPORTS AND IMPORTS
BY STEAMER FROM AND TO
THE SOUTHERN SUDAN,
1944 — 1953

DISTRIBUTION OF PREDOMINANT VEGETATION AND SOIL TYPES IN RELATION TO GROUND LEVEL

FIGURE L

FLOOD REGION

NORTHERN PART

CENTRAL & SOUTHERN PARTS

NORTHERN PART														
HYDROLOGICAL CONDITIONS	Periodic rain floods		No floods		Seasonal river-spill floods	Nearly permanent river floods	Seasonal river-spill floods	Periodic rain floods		No floods	Periodic rain floods	No floods		
LAND CLASSIFICATION	Intermediate land		High land		Toich	Sudd	Toich	Intermediate land		High land	Intermediate land	High land		
VEGETATION TYPE	Mainly <i>Setaria incrassata</i> type grassland with <i>Acacia-Balanites</i> Forests		Usually bare or carrying annual grasses and <i>Acacia mellifera</i>	Mixed <i>Acacia</i> or Palm Forests with annual grasses predominating		Riverain Swamp Grassland	Papyrus Swamp	Riverain Swamp Grassland		Mainly <i>Hyparrhenia rufa</i> type Grassland		Mixed <i>Acacia</i> or Palm Forests with annual grasses and <i>Setaria incrassata</i>	Mainly <i>Hyparrhenia rufa</i> type grassland with some open <i>Acacia seyal</i> - <i>Balanites aegyptiaca</i> Forests	Mixed <i>Acacia</i> , Palm or Deciduous Broad Leaved Forests with annual and perennial grasses
RAINFALL	650 mm TO 1000 mm													
SOIL TYPE	Cracking-clay & Loam Soils		Non-cracking Sandy-clay Soils	Clay & Loam Soils		Toich Soils	Sudd Soils	Toich Soils		Cracking-clay & Loam Soils		Clay & Loam Soils	Cracking-clay & Loam Soils	Sandy Soils