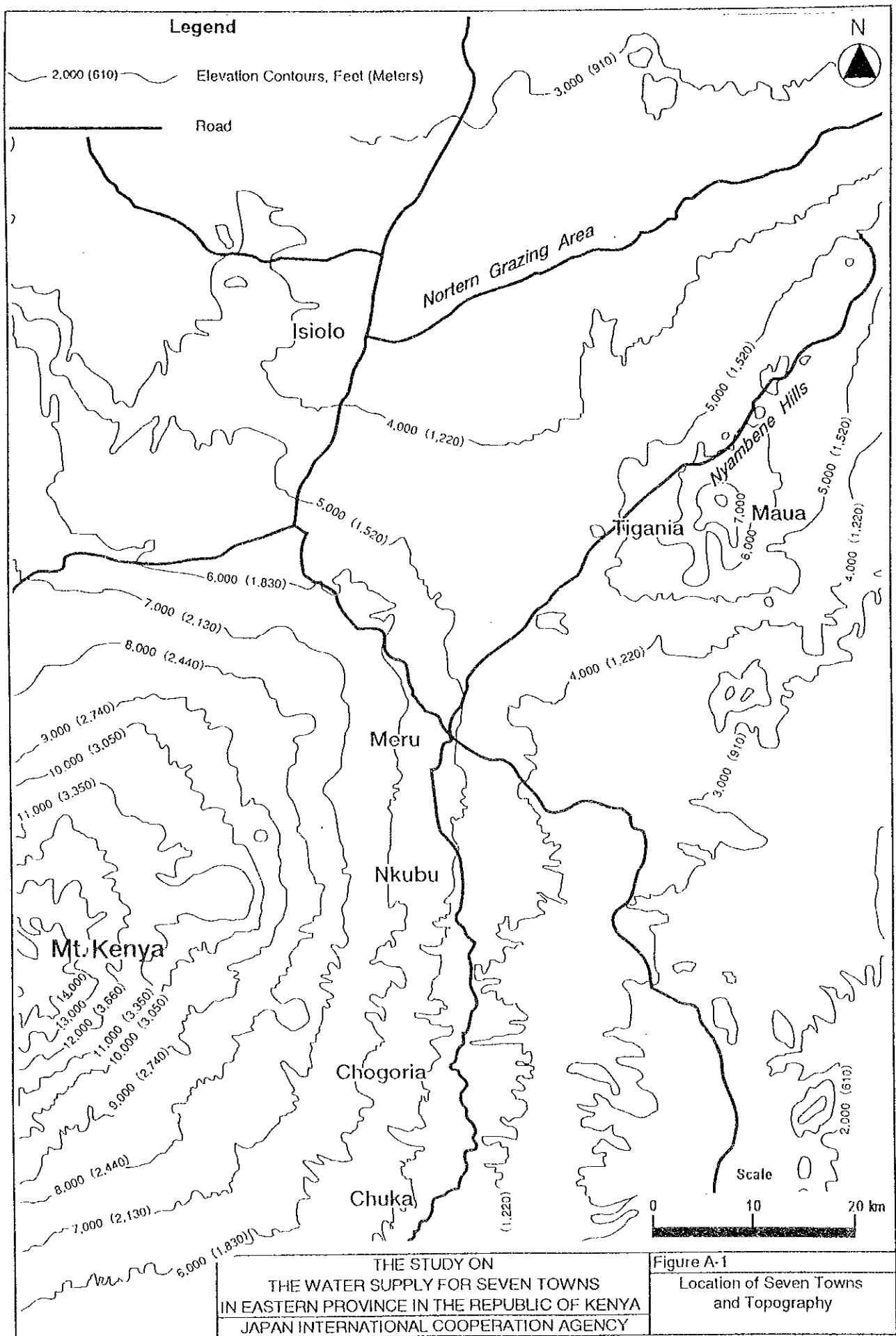
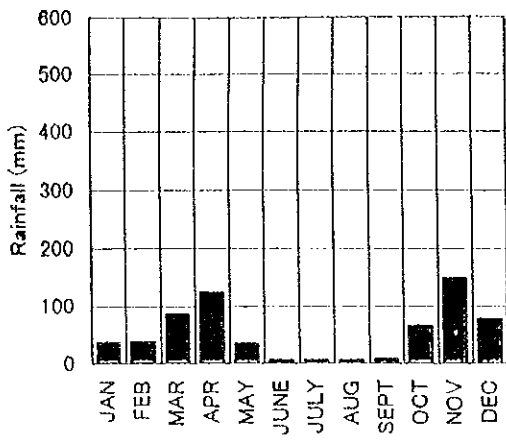


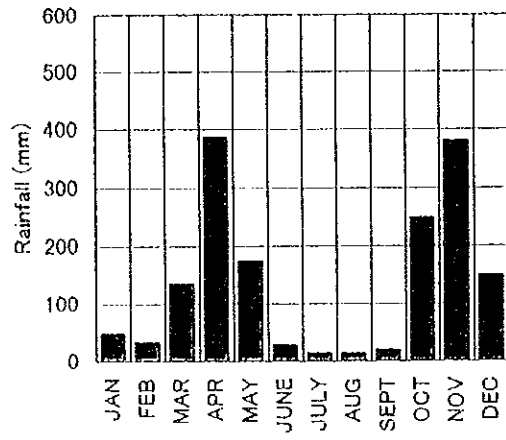
FIGURES



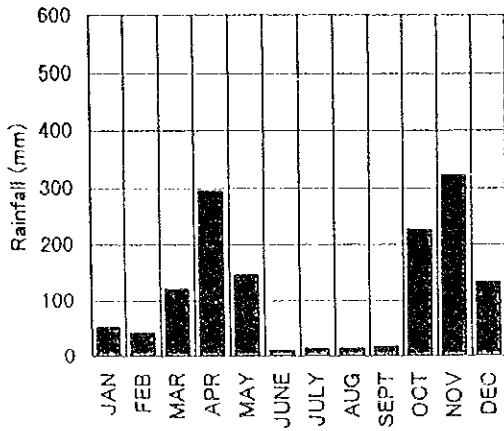
8937003 Isiolo District Office



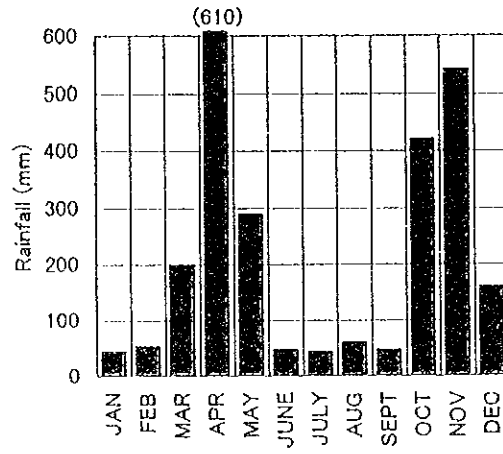
8937019 Miatheni Agri. Staff House



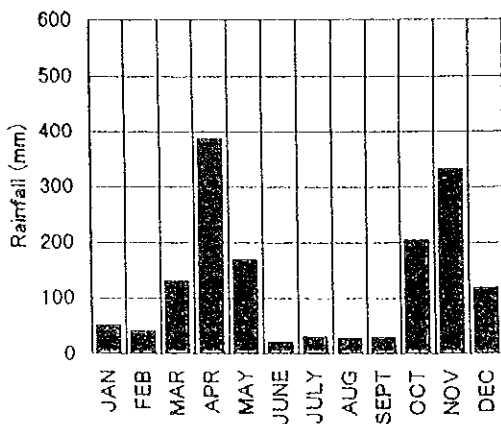
8937038 Meru Forest Station



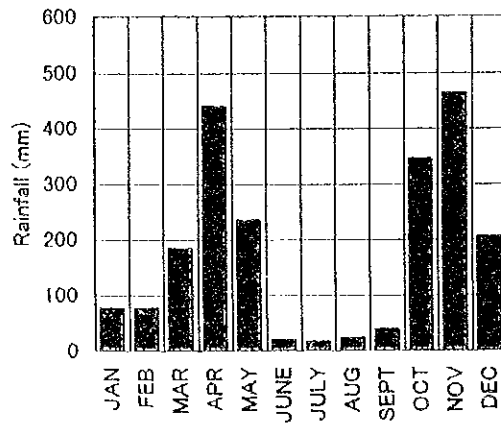
8937059 Maua Police Station



9037034 Chuka Chief's Office



9037102 Marimba Livestock Farm



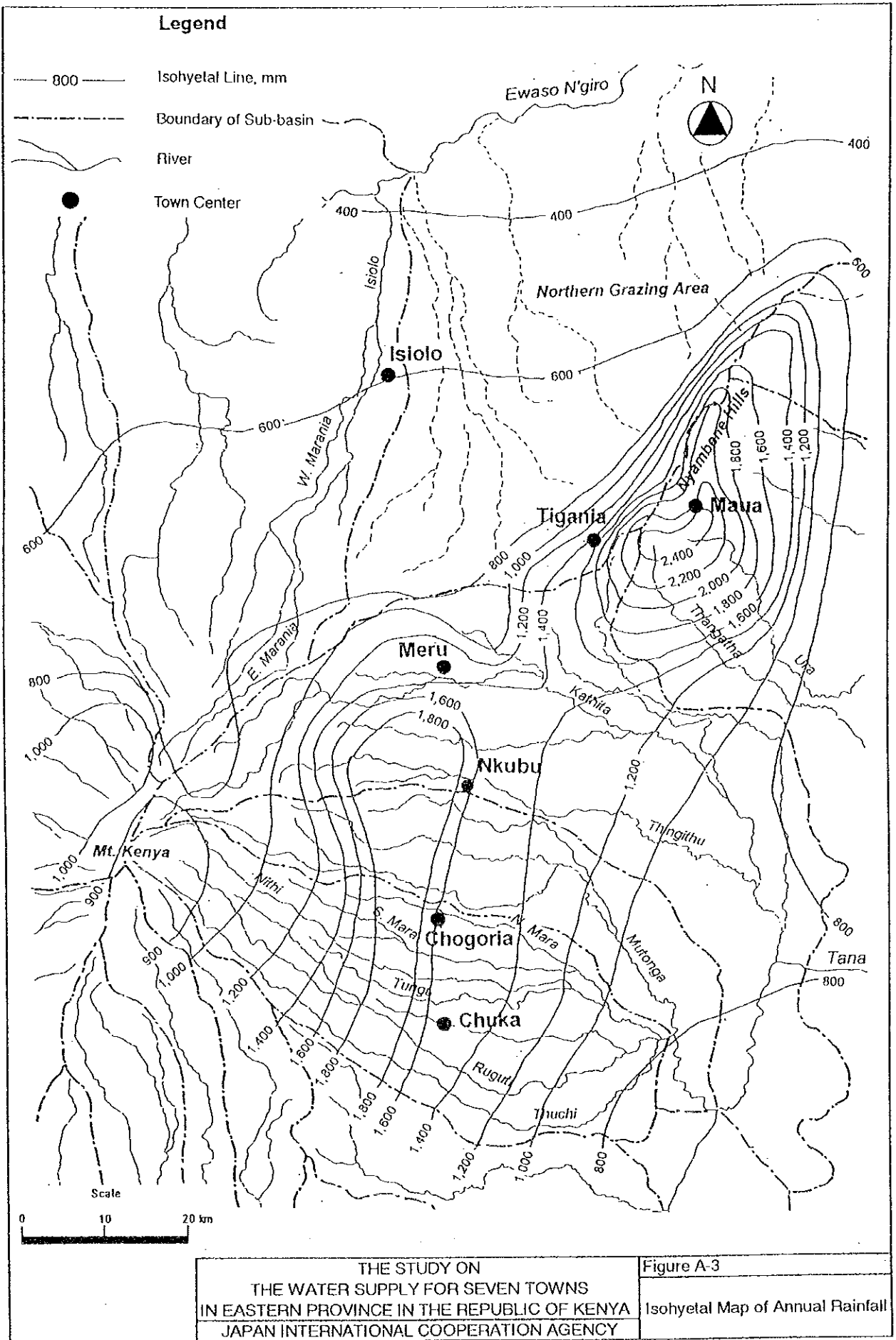
Source :

WRAP, NWMP

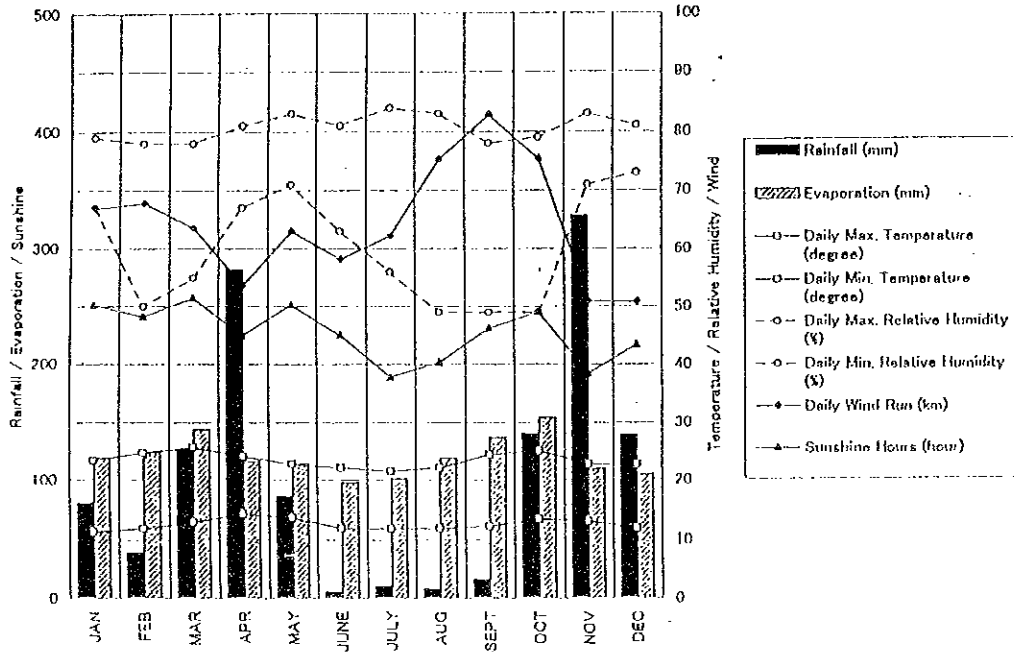
THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A-2

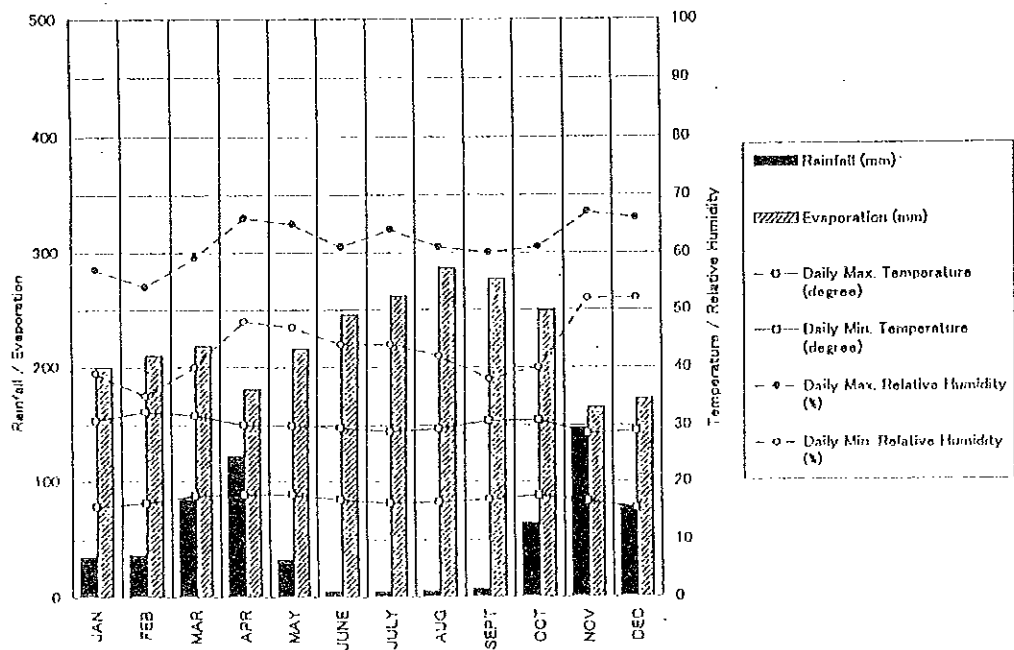
Seasonal Variation of Rainfall



Meru Meteorological Station (No. 8937065)



Isiolo District Office (No. 8937003)

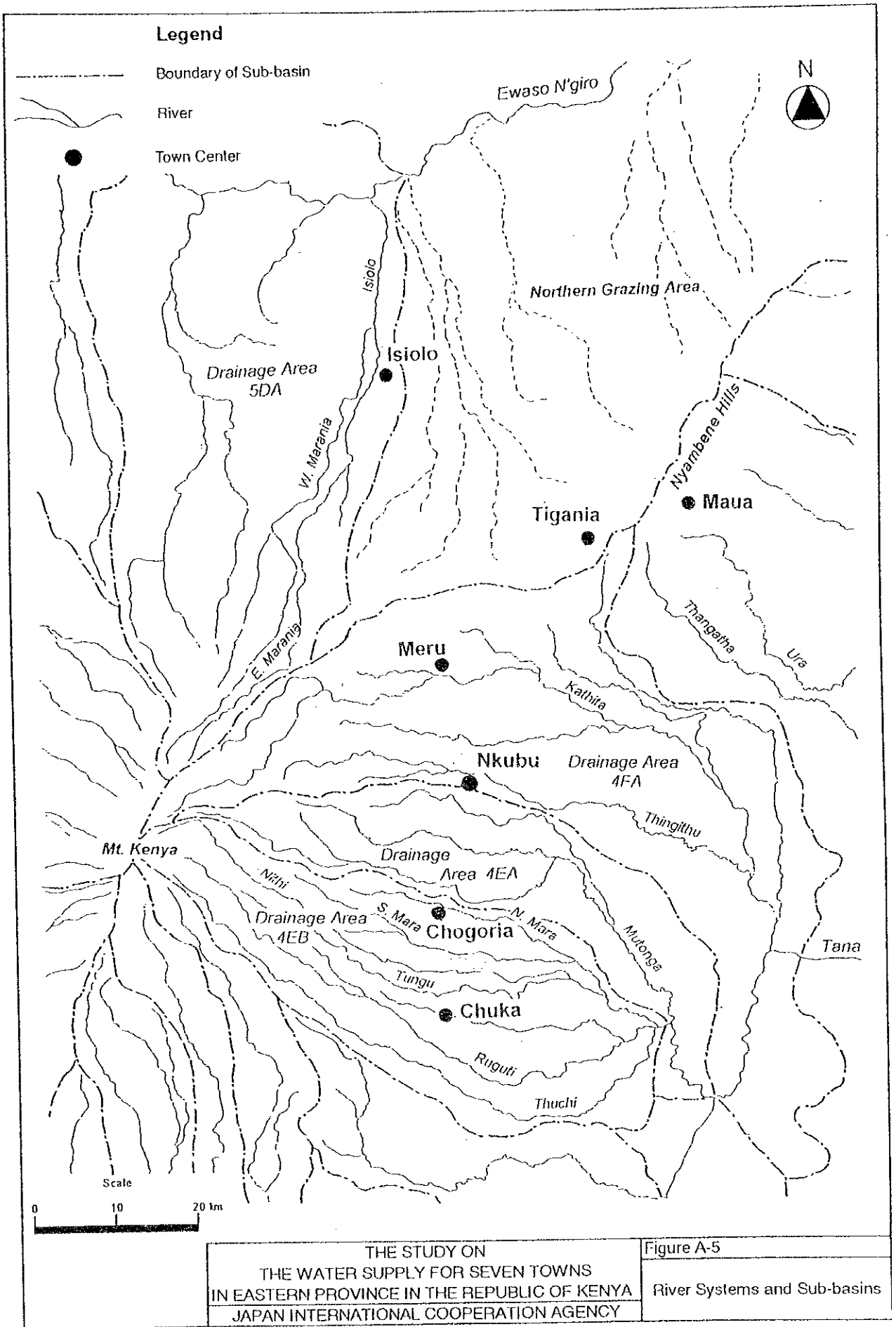


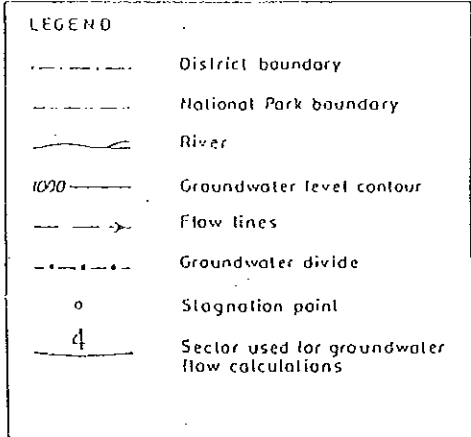
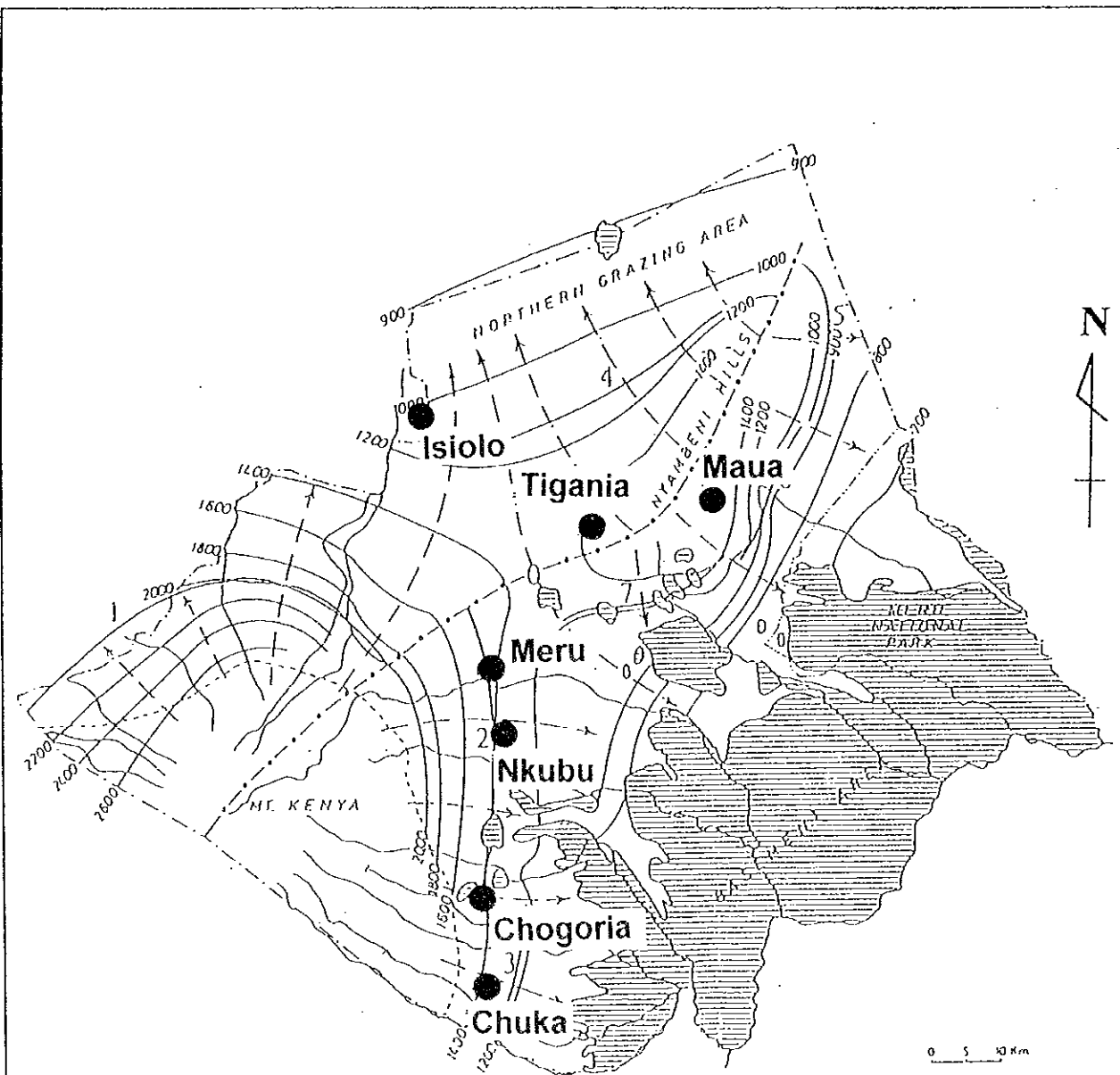
Source : WRAP, RWMP

THE STUDY ON
THE WATER SUPPLY FOR SEVEN TOWNS
IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A-4

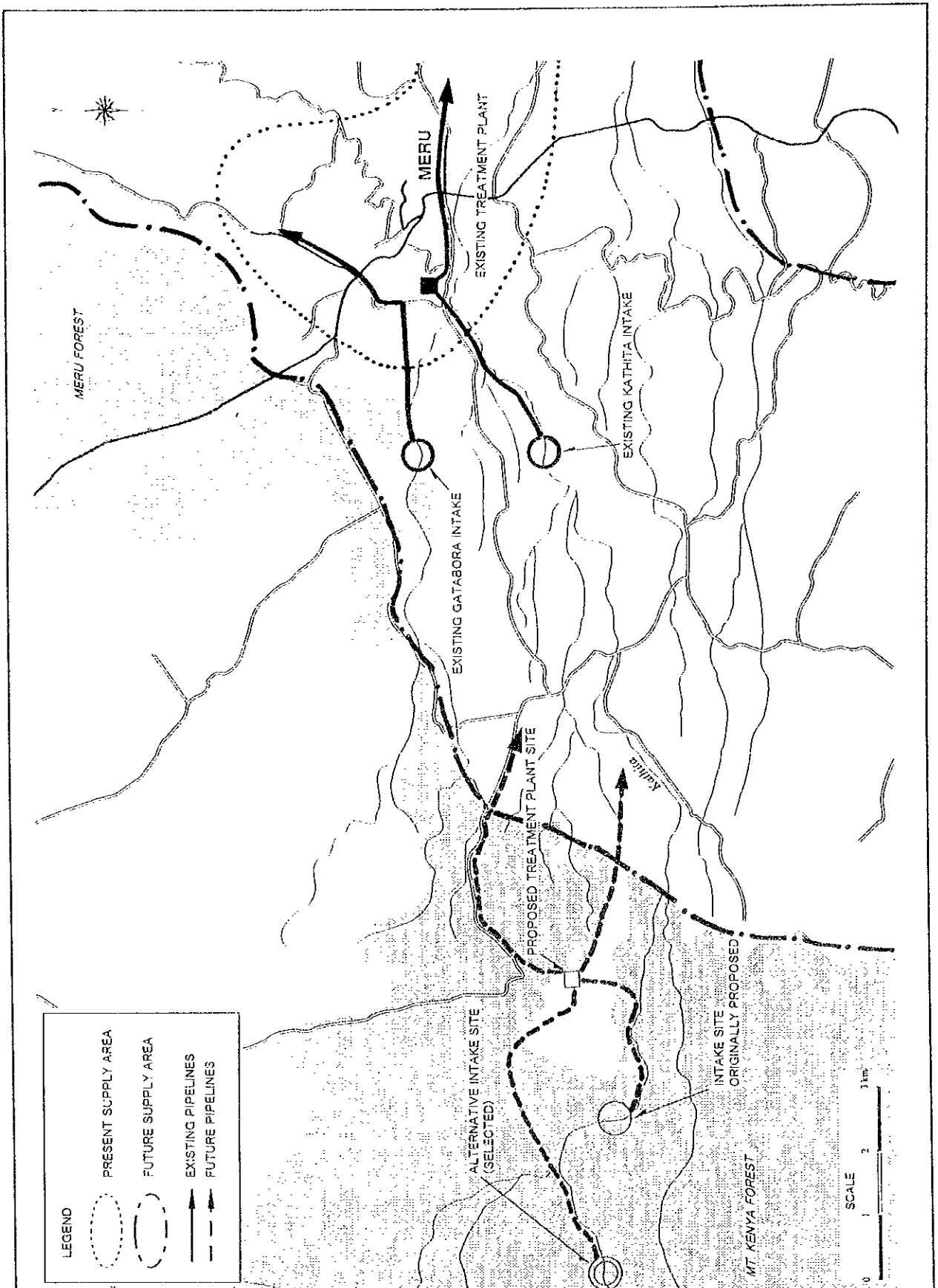
Meteorological Summary





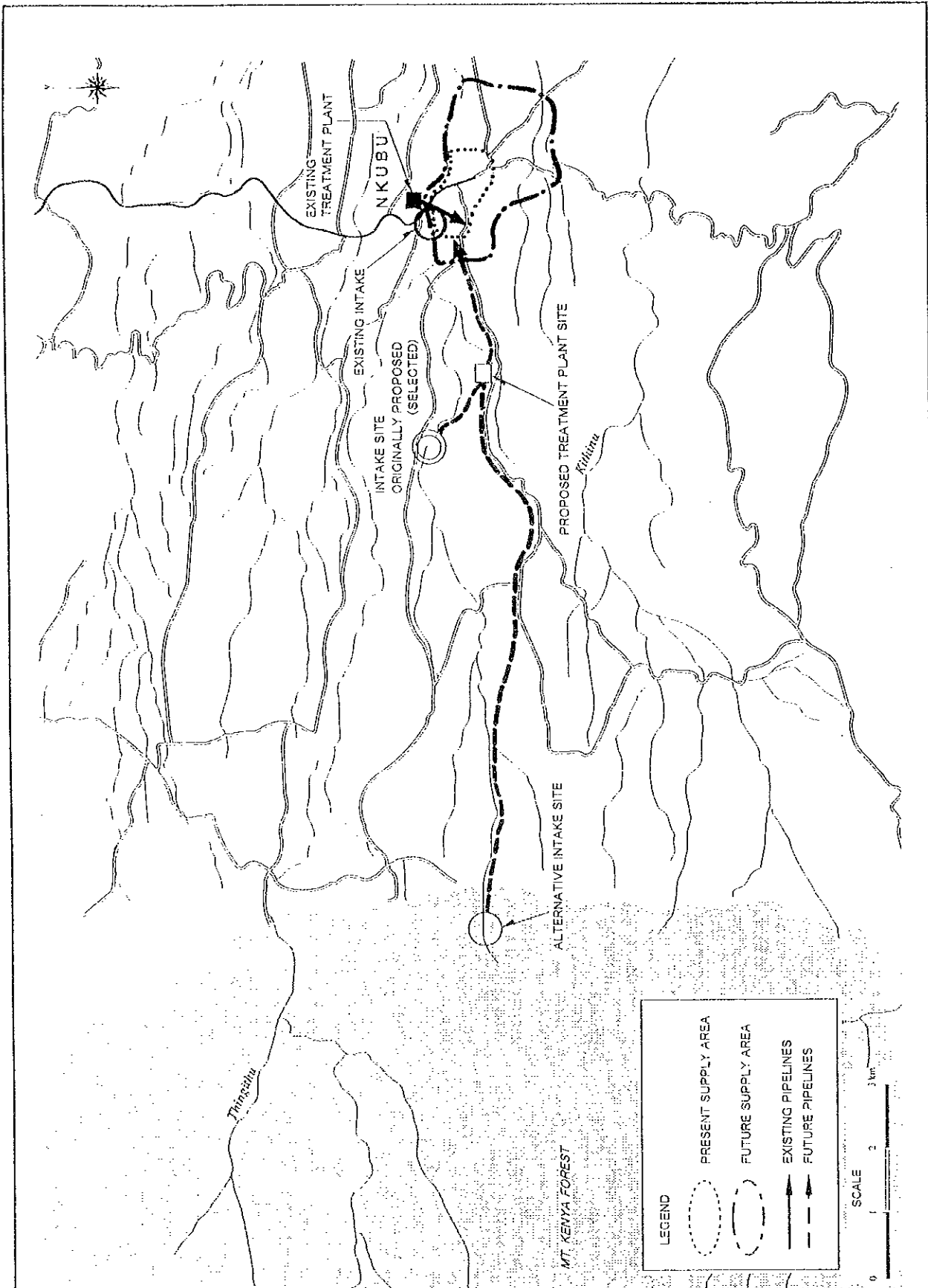
Source : Meru Water Resources Assessment Study, 1991

THE STUDY ON THE WATER SUPPLY FOR SEVEN TOWNS IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA JAPAN INTERNATIONAL COOPERATION AGENCY	Figure A - 6 Groundwater Flow in the Study Area
--	--

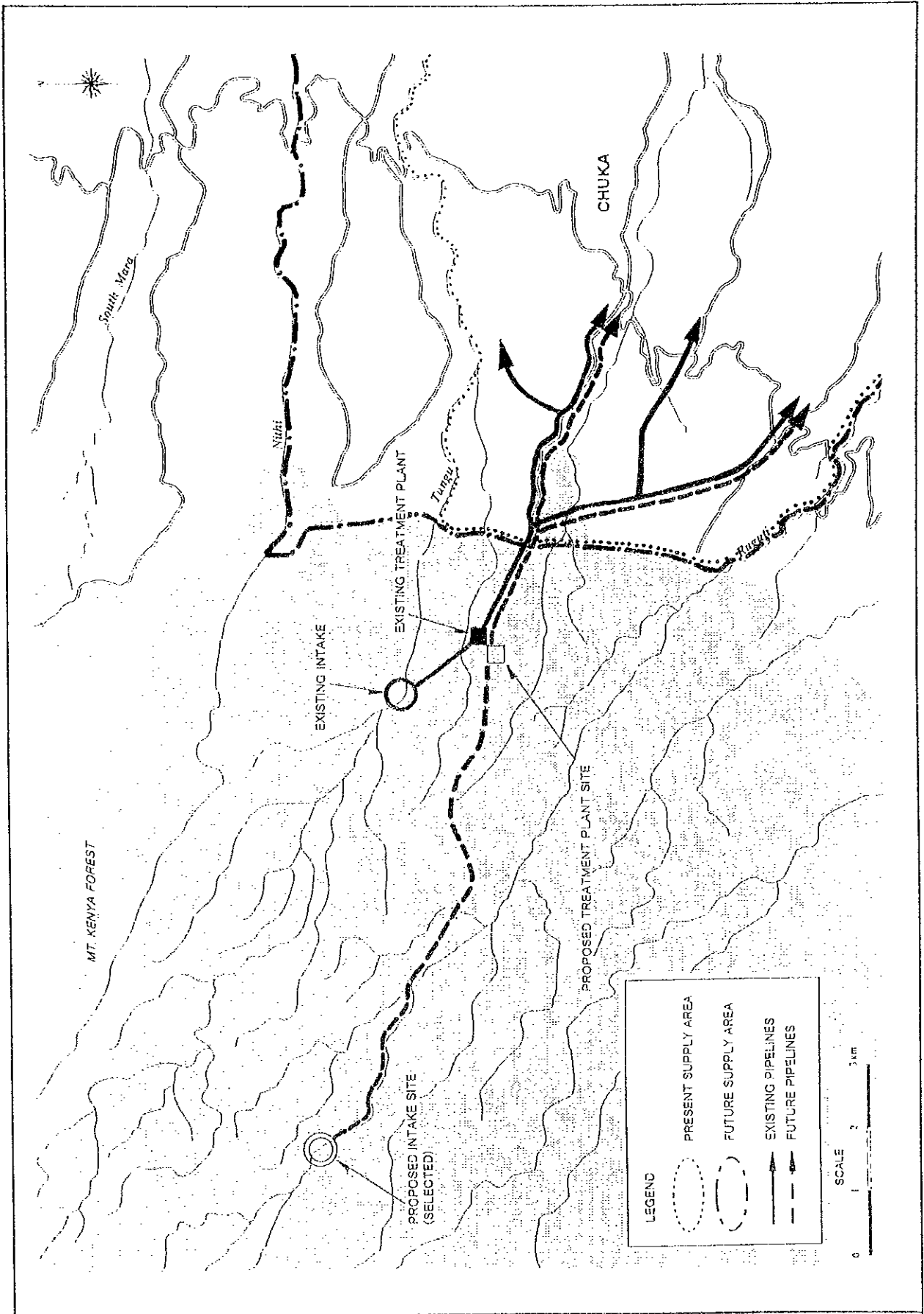


THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A - 7
 Water Sources - Meru

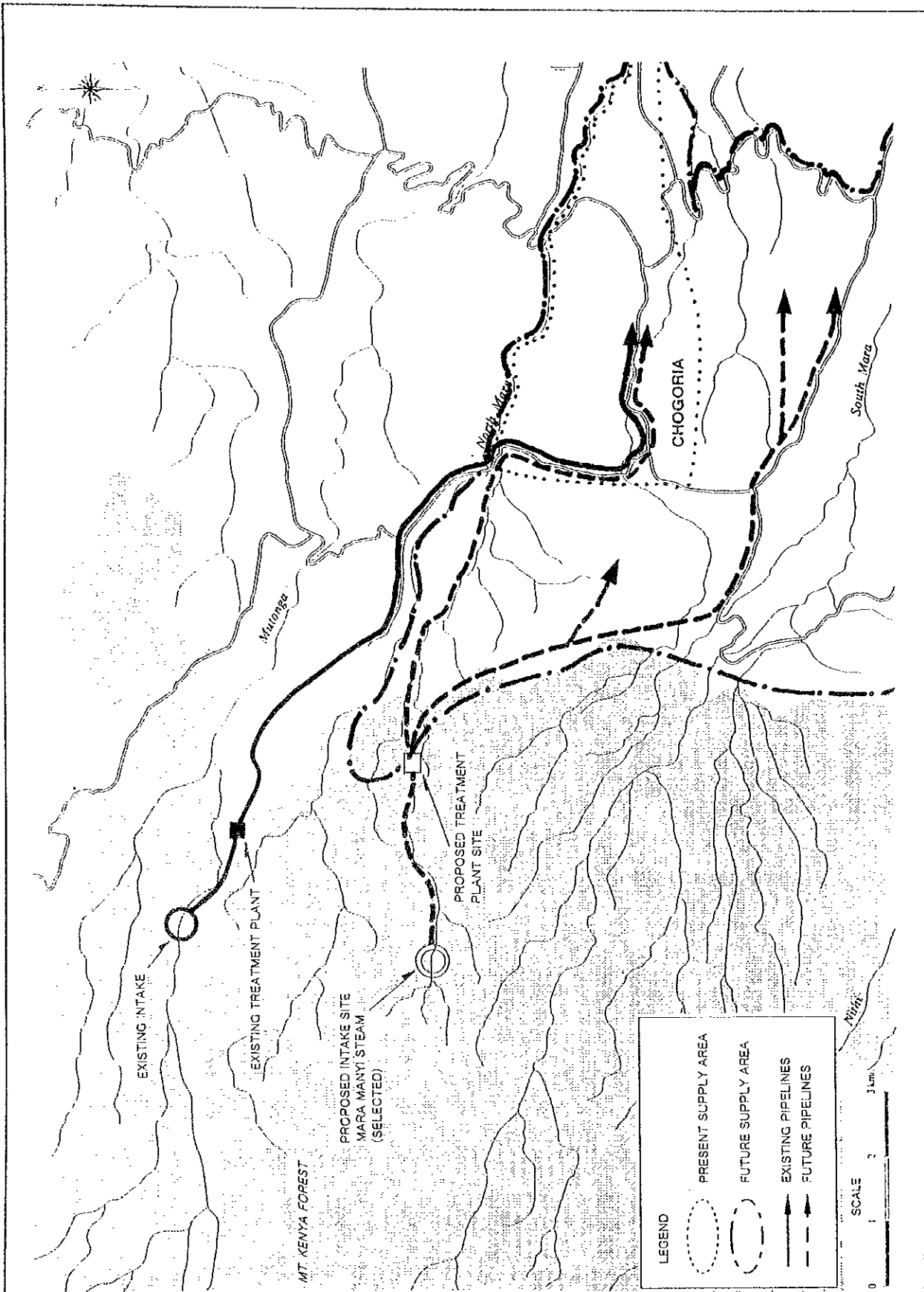


<p>THE STUDY ON THE WATER SUPPLY FOR SEVEN TOWNS IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>Figure A - 8 Water Sources - Nkubu</p>
--	---



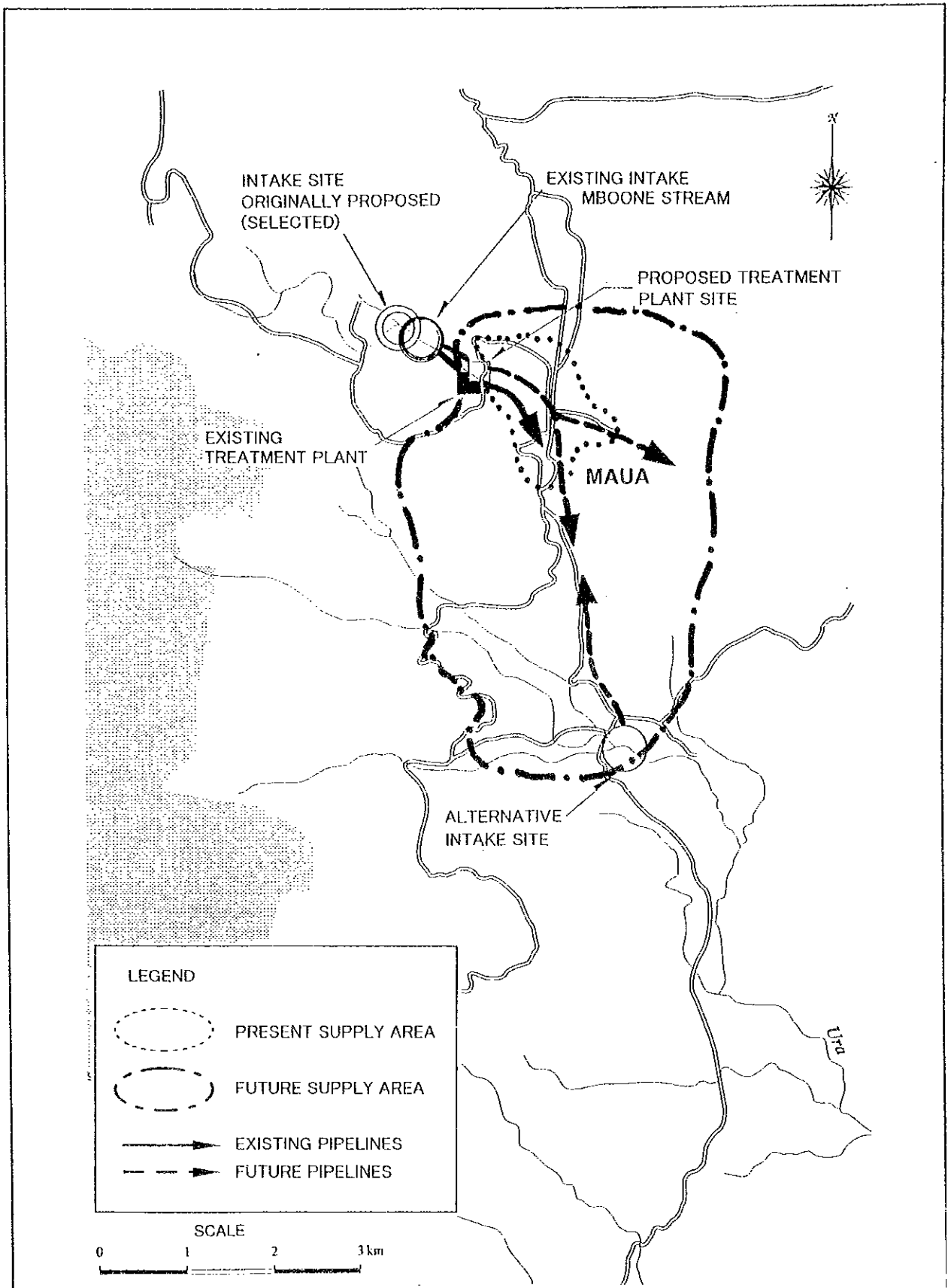
THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A - 9
 Water Sources - Chuka







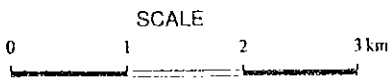
THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A - 10
 Water Sources - Chogoria

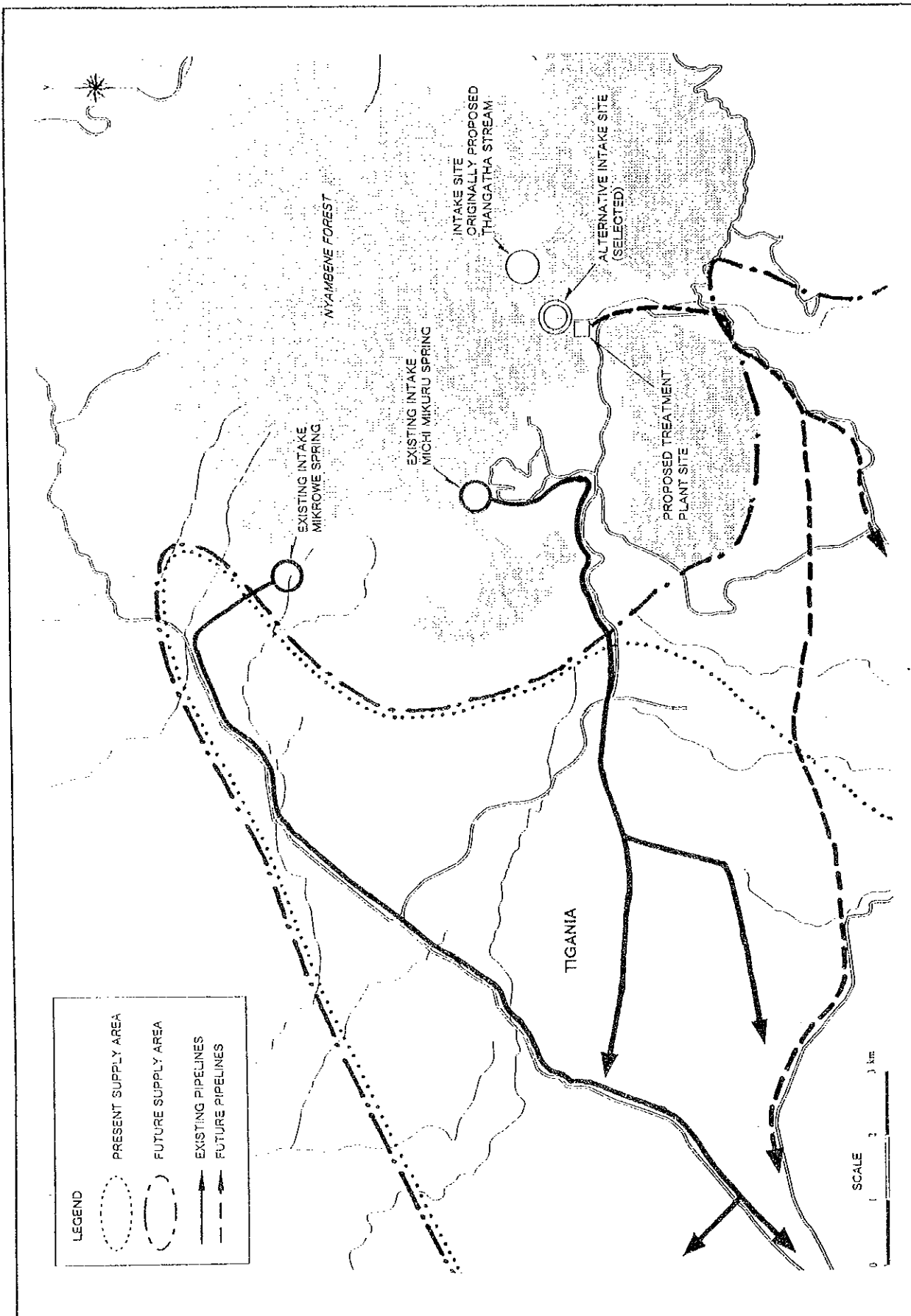


LEGEND

-  PRESENT SUPPLY AREA
-  FUTURE SUPPLY AREA
-  EXISTING PIPELINES
-  FUTURE PIPELINES

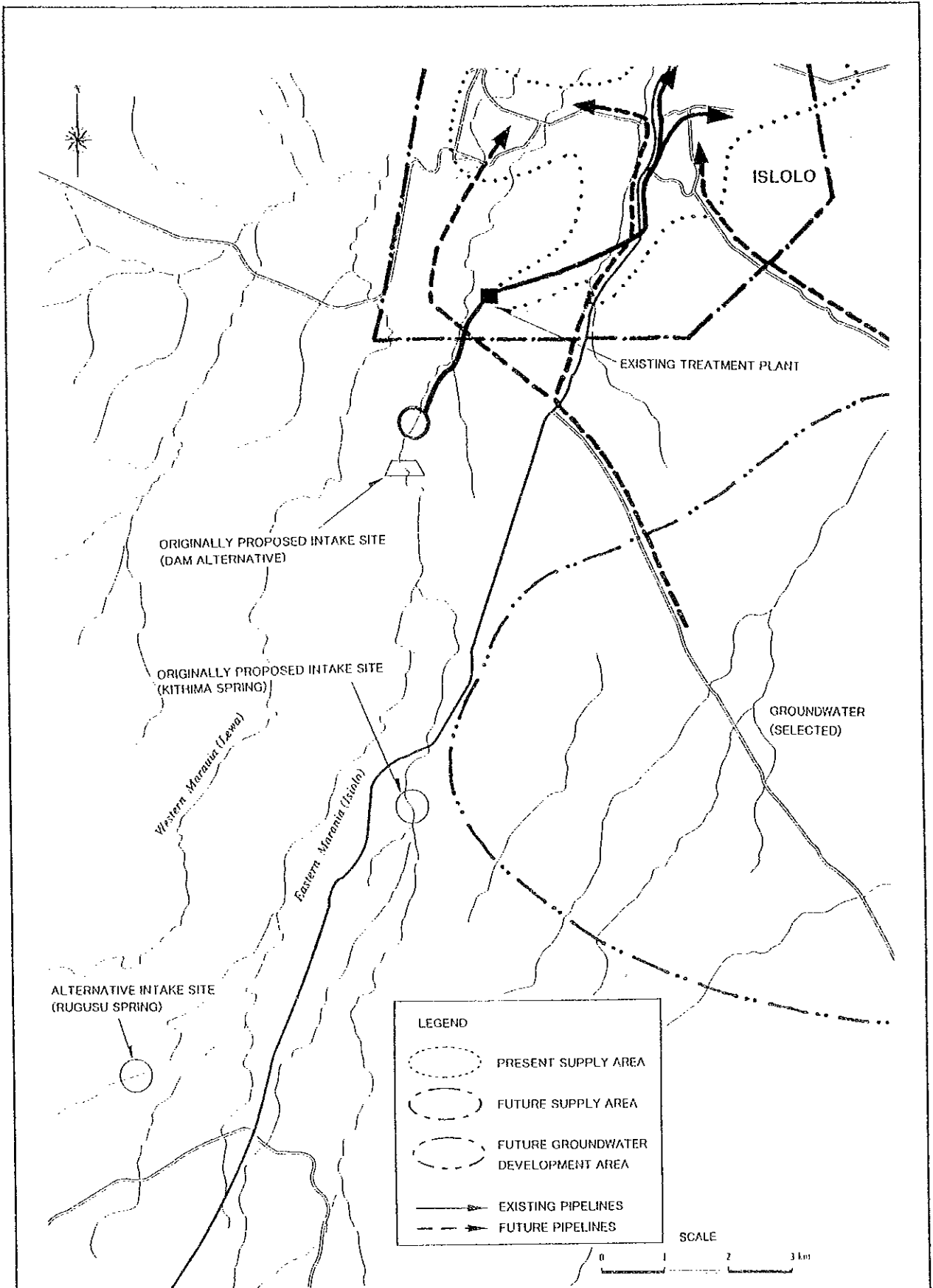


<p>THE STUDY ON THE WATER SUPPLY FOR SEVEN TOWNS IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>Figure A - 11 Water Sources - Maua</p>
--	---



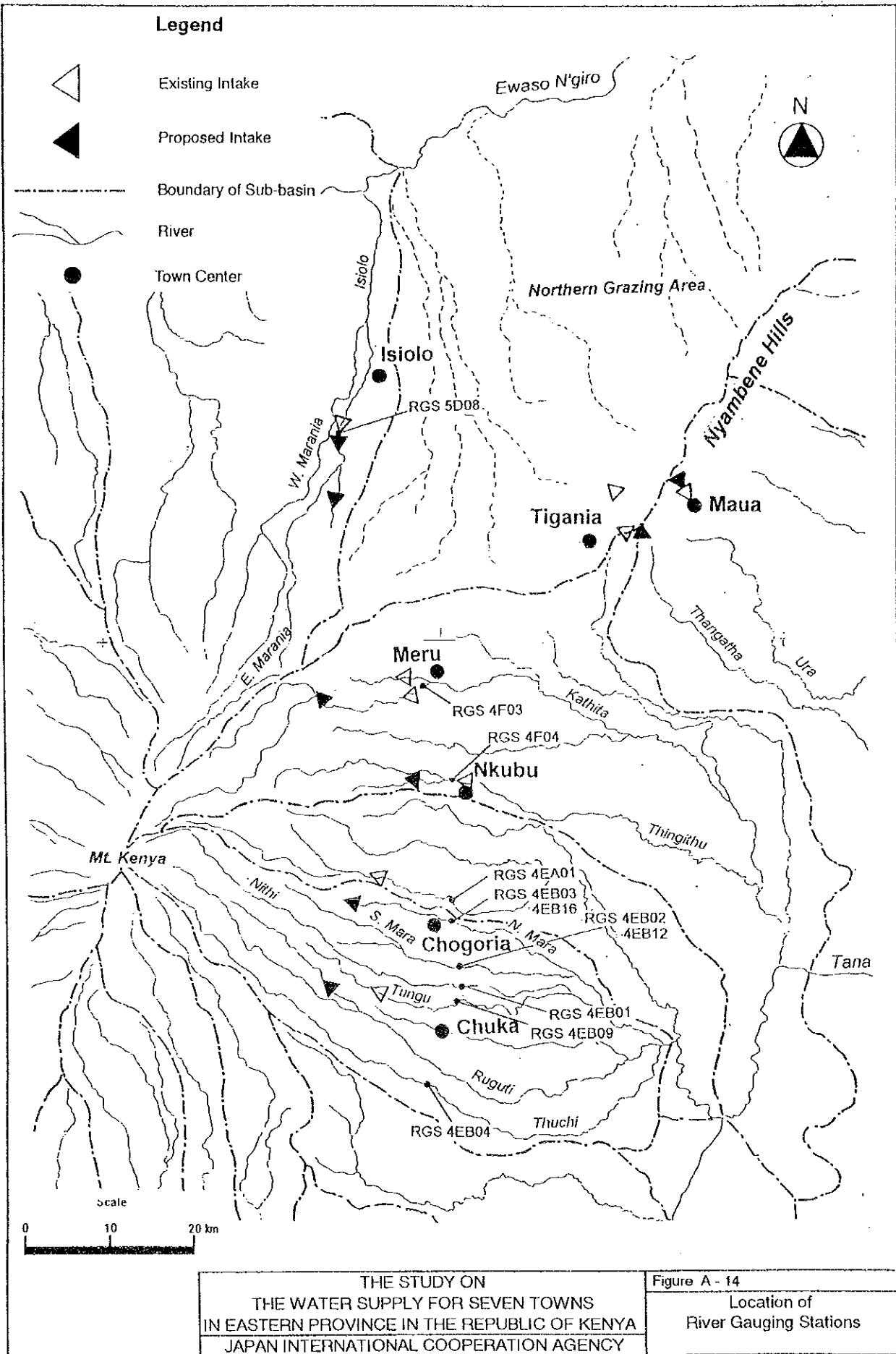
THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A - 12
 Water Sources - Tigania



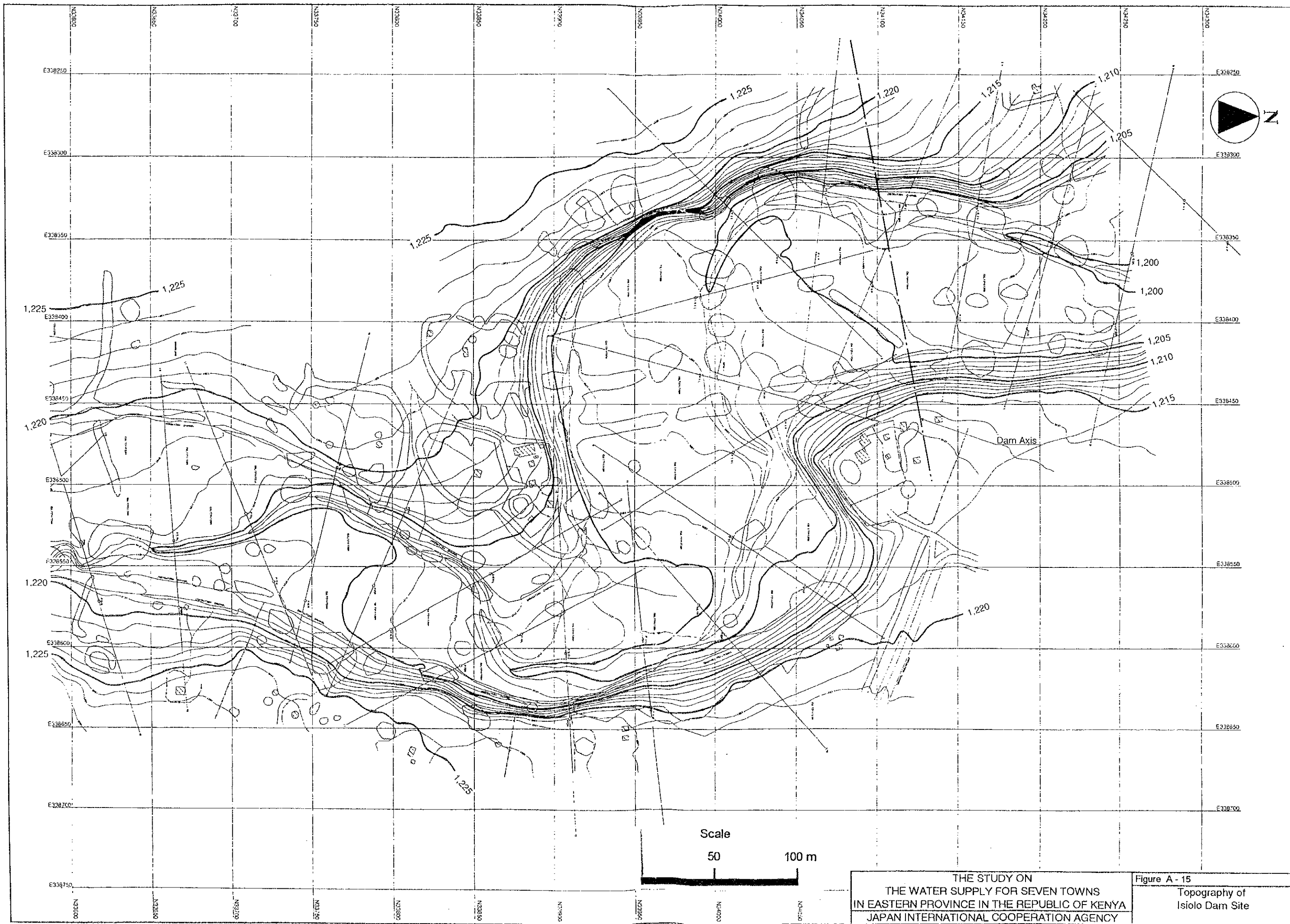
THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A - 13
 Water Sources - Isiolo



THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

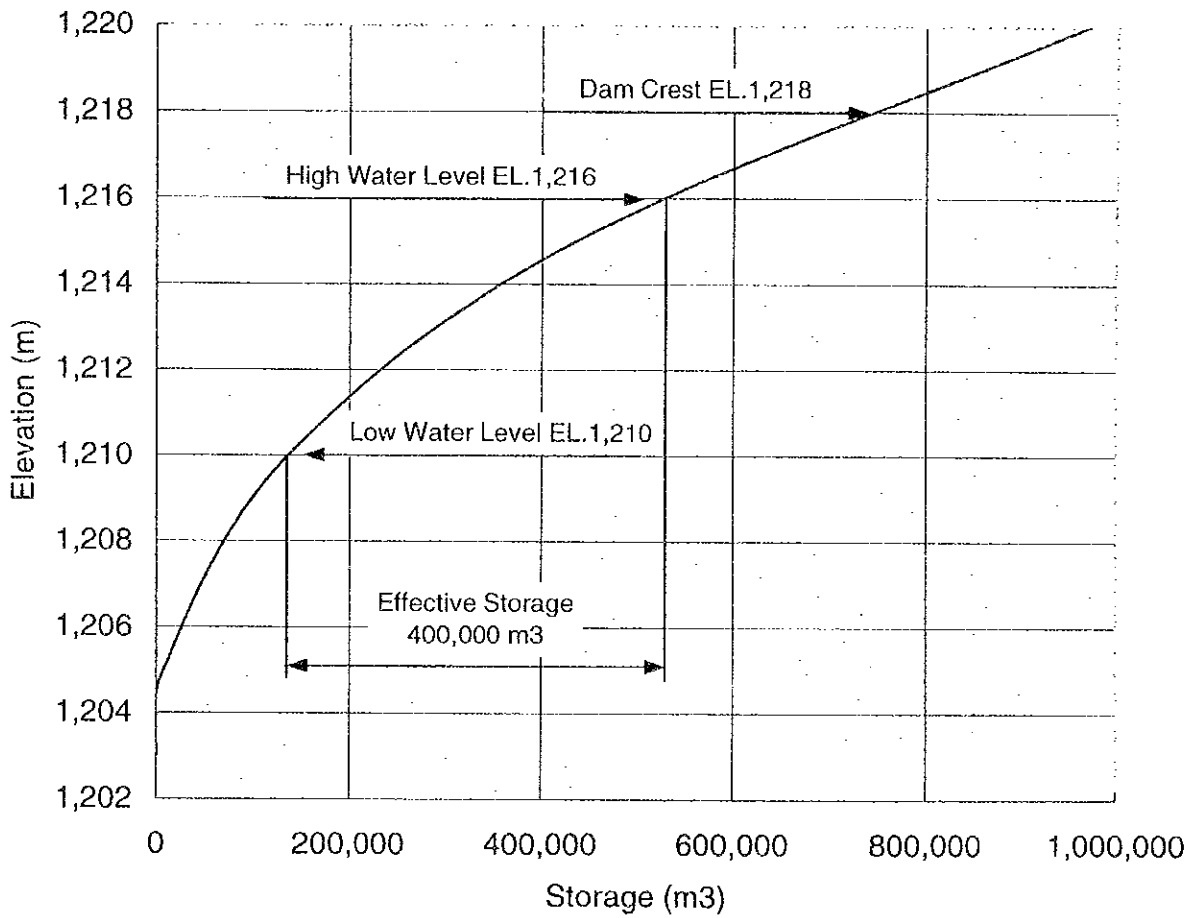
Figure A - 14
 Location of
 River Gauging Stations



THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

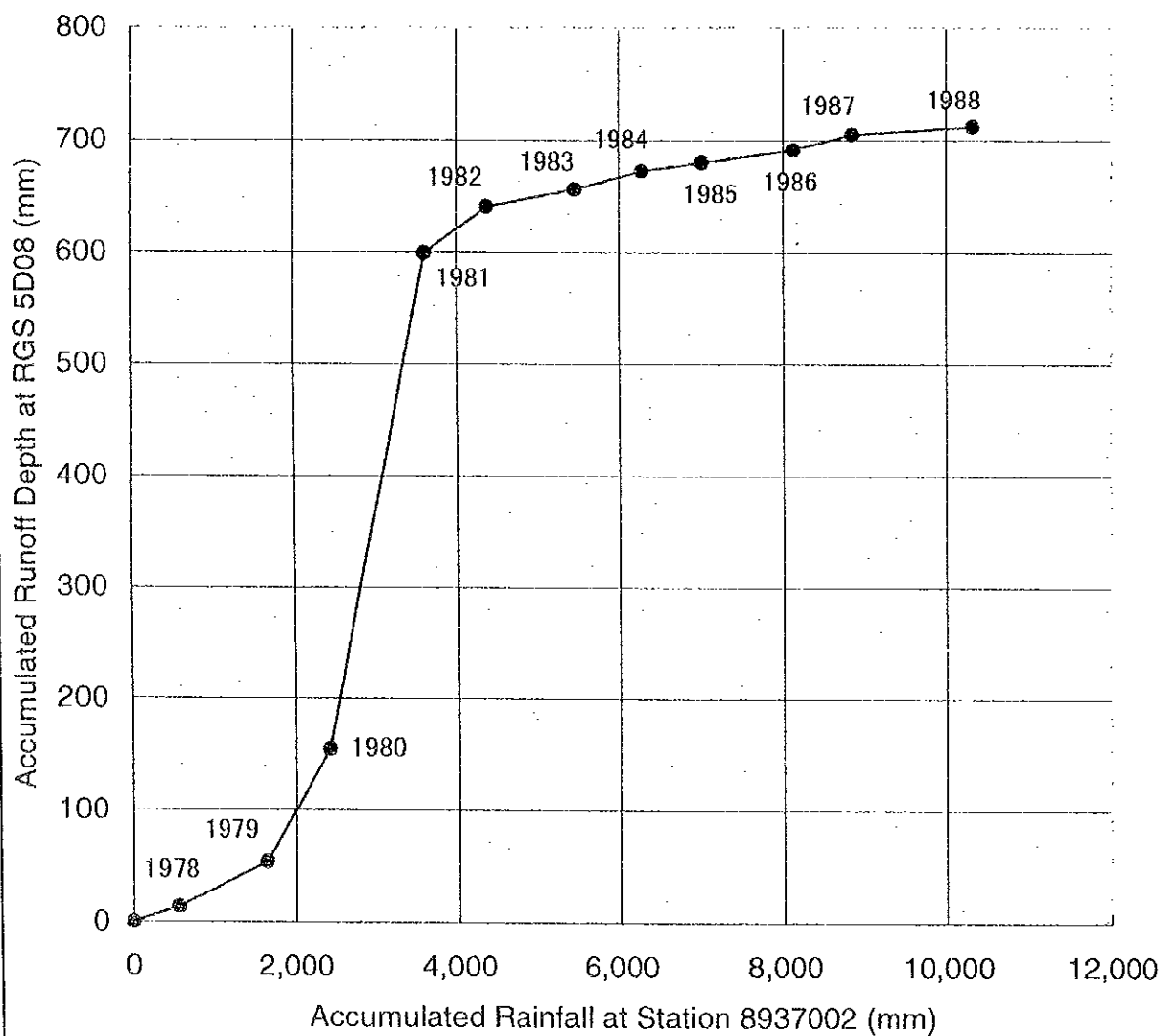
Figure A - 15
 Topography of
 Isiolo Dam Site

Elevation - Storage Curve

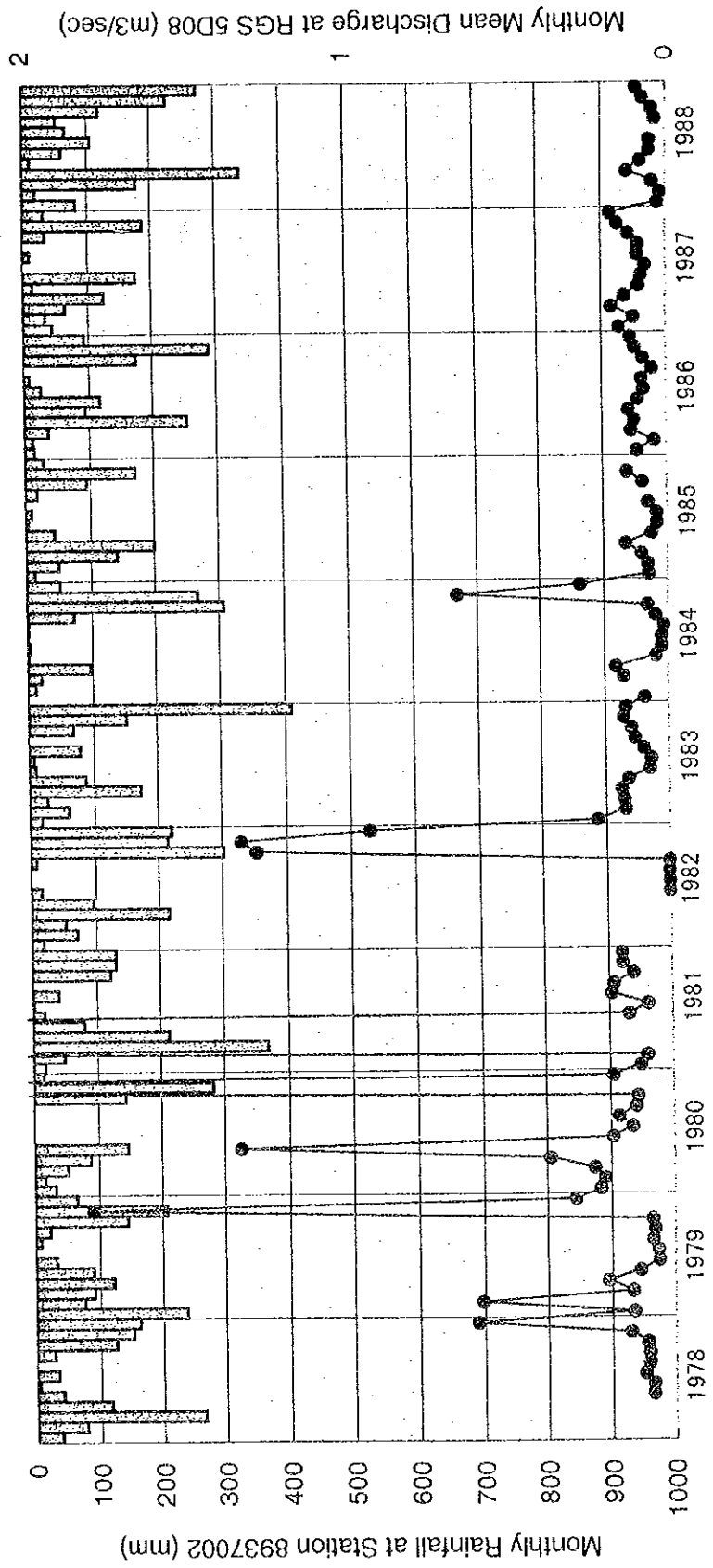


THE STUDY ON THE WATER SUPPLY FOR SEVEN TOWNS IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA	Figure A-16
JAPAN INTERNATIONAL COOPERATION AGENCY	Elevation-Storage curve for Isiolo Reservoir

Double Mass Curve



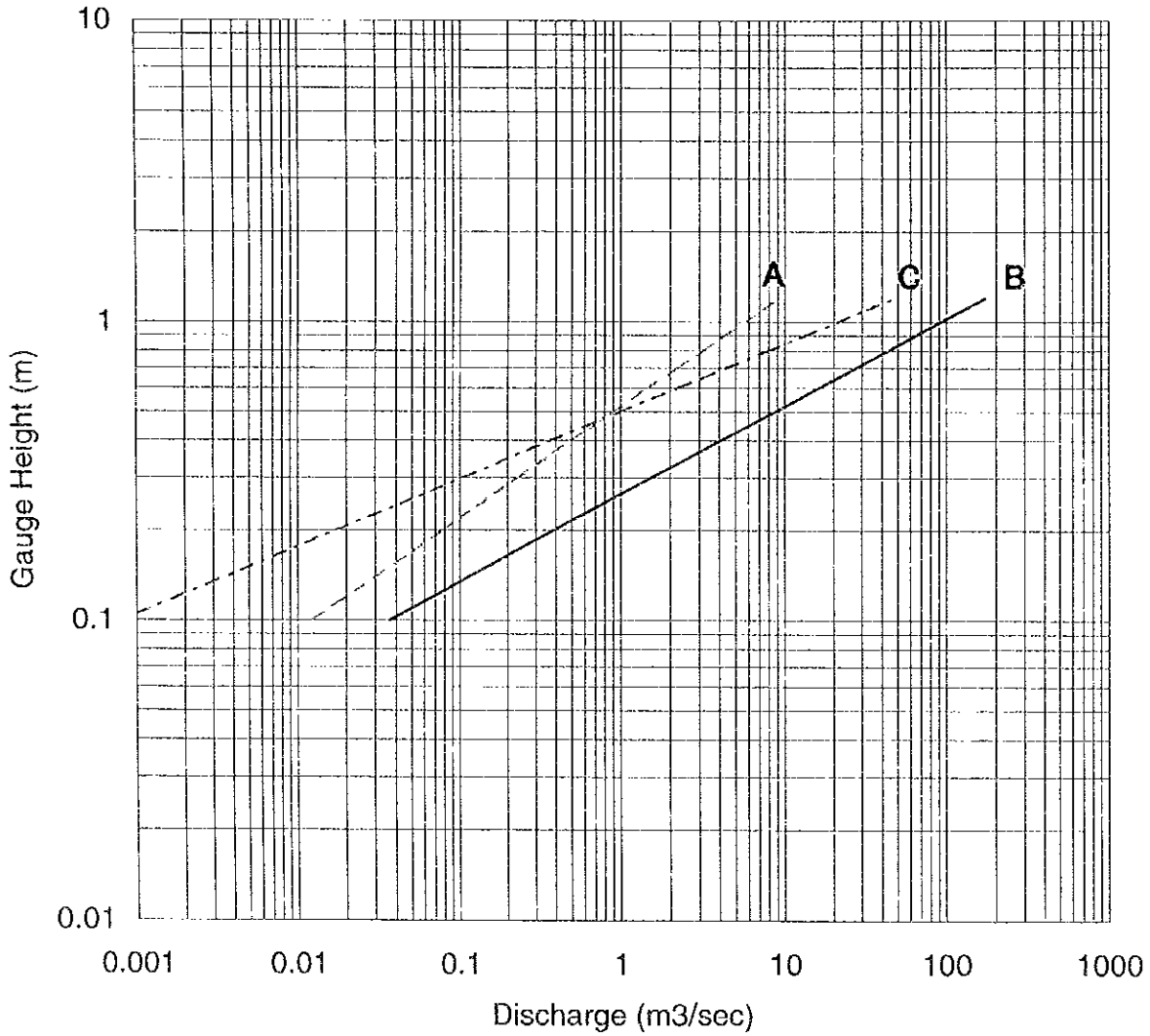
THE STUDY ON THE WATER SUPPLY FOR SEVEN TOWNS IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA JAPAN INTERNATIONAL COOPERATION AGENCY	Figure A-17
	Double Mass Curve (1)



THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A-18
 Comparison between
 Rainfall and runoff

5D08 HQ



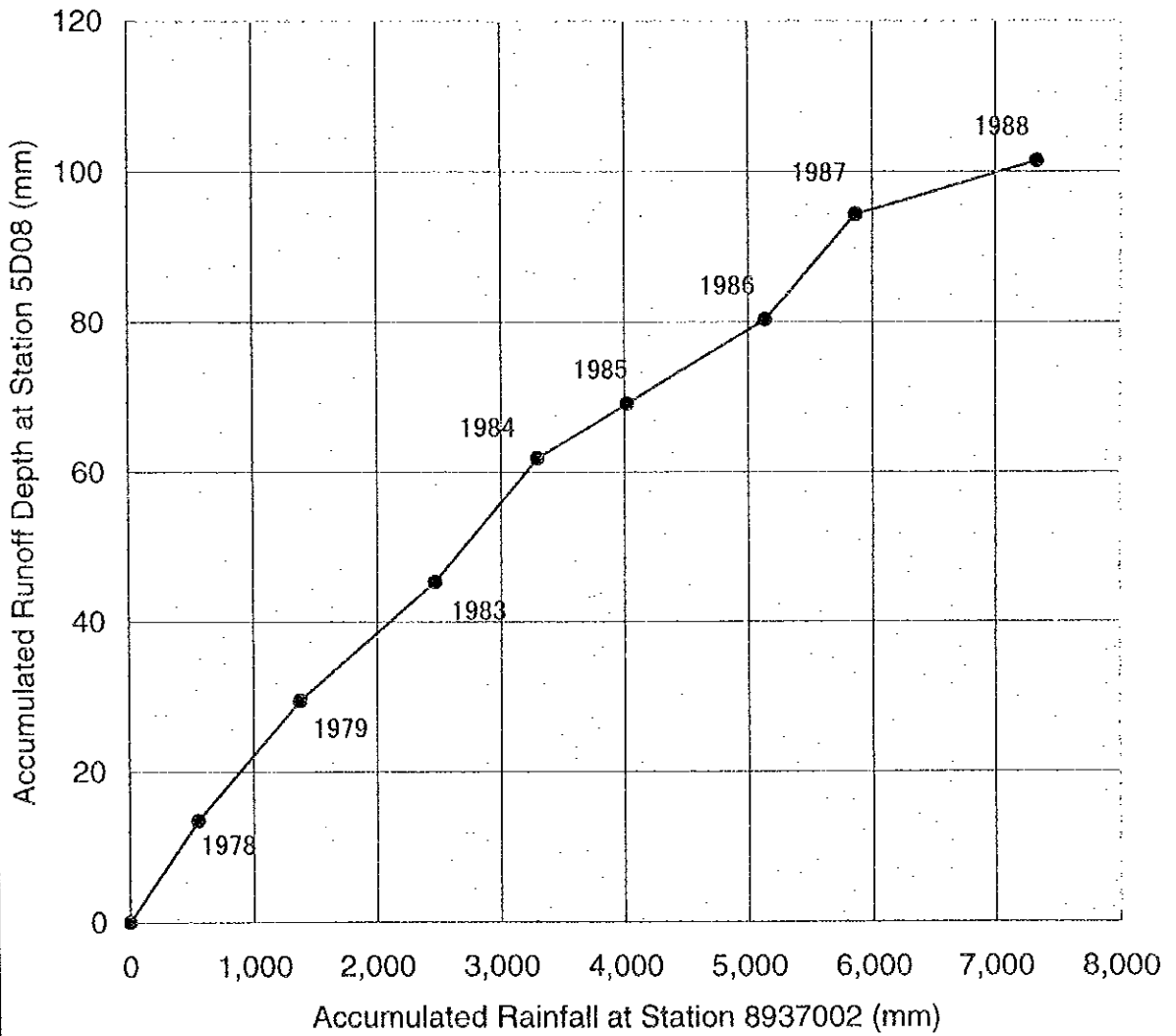
A	$Q=5.7 \times H^{2.667}$	9 Dec. 1976 - 8 Nov. 1979
B	$Q=91.685 \times H^{3.399}$	9 Nov. 1979 - 20 June 1982
C	$Q=21.173 \times H^{4.415}$	21 June 1982 - (to date)

THE STUDY ON
THE WATER SUPPLY FOR SEVEN TOWNS
IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A-19

Stage-Discharge Rating curve
for RGS 5D08

Double Mass Curve
 (excluding the data from Nov. 1979 to Dec. 1982)

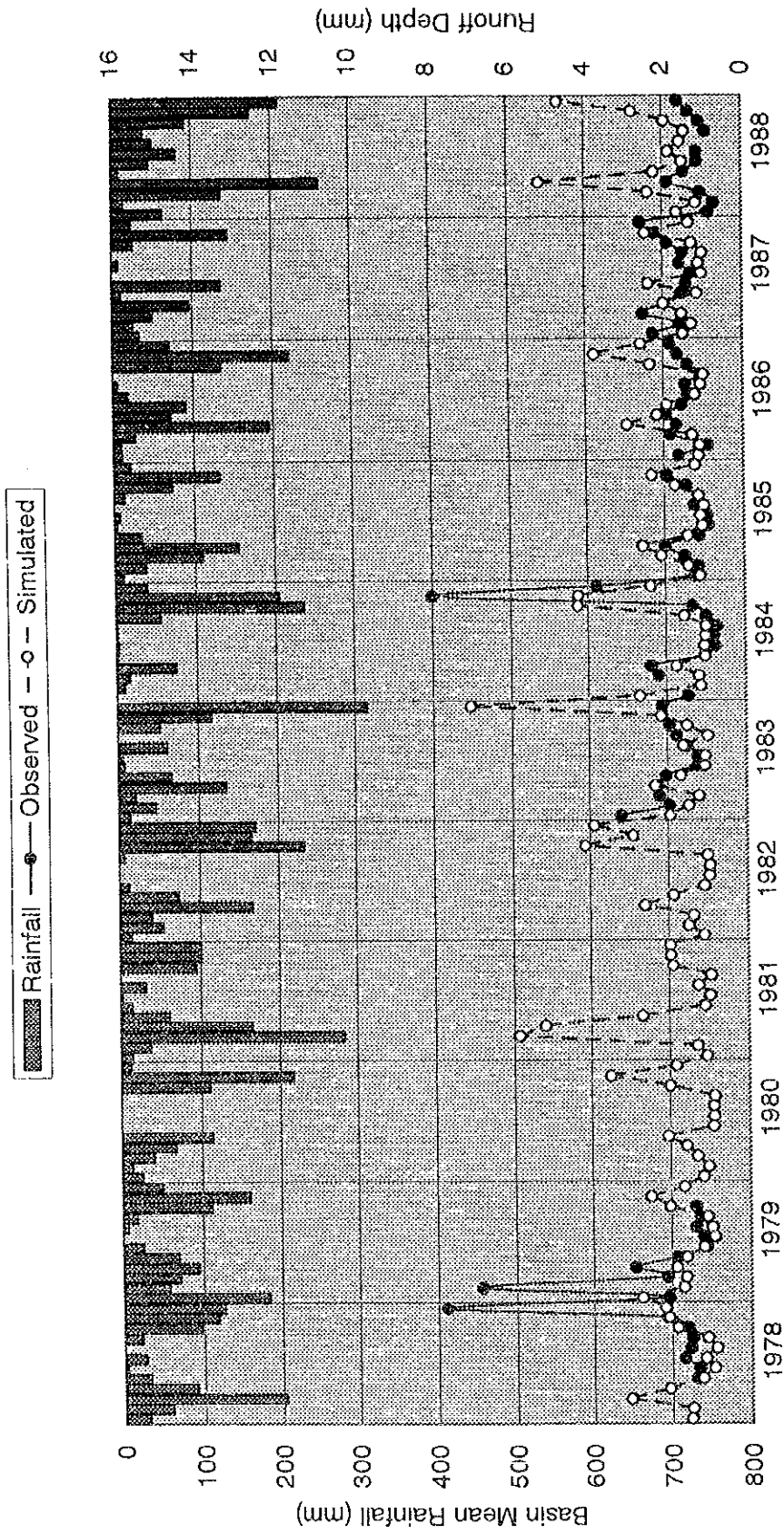


THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A-20

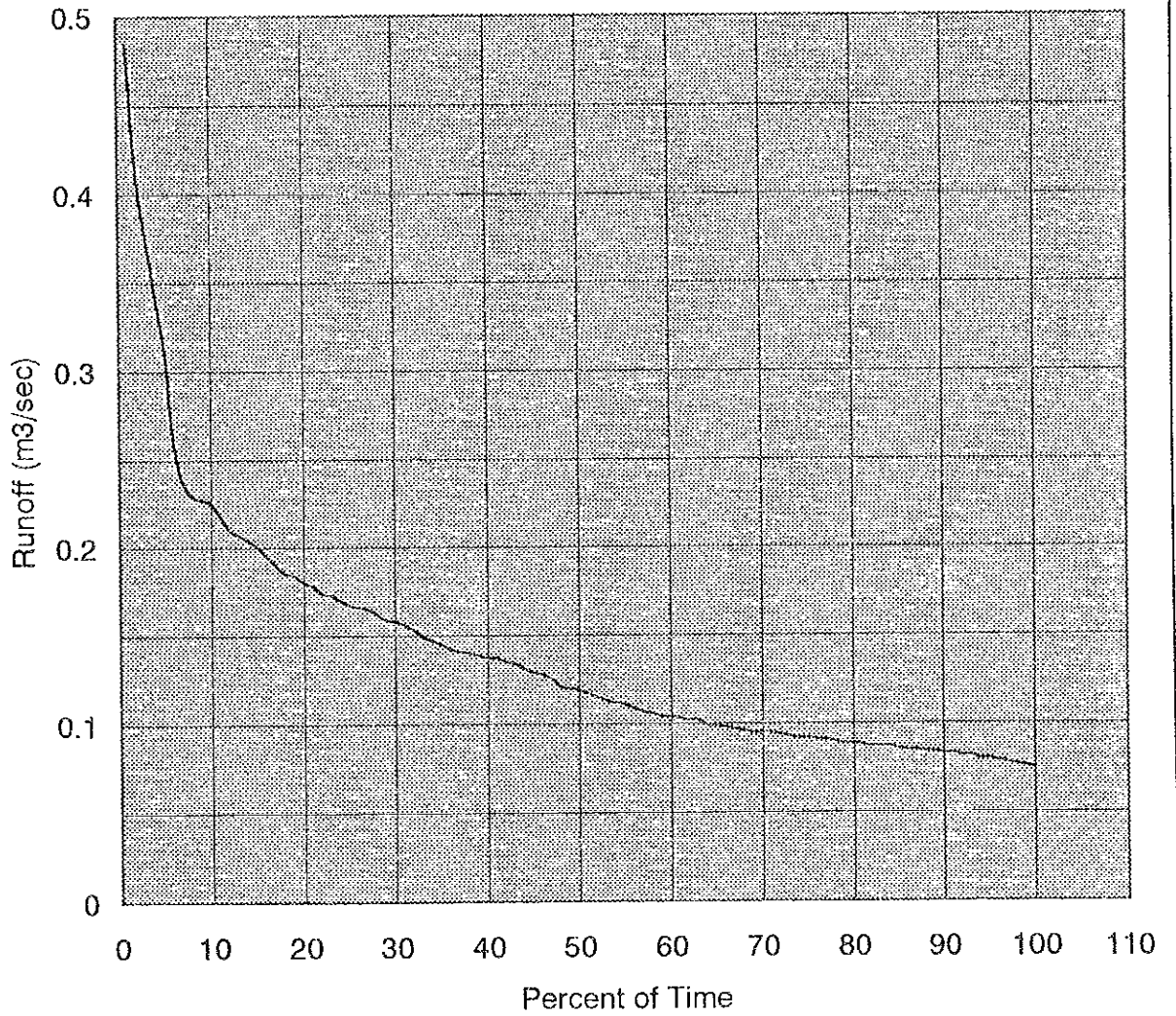
Double Mass Curve (2)

Comparison between Observed and Simulated Runoff



THE STUDY ON THE WATER SUPPLY FOR SEVEN TOWNS IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA JAPAN INTERNATIONAL COOPERATION AGENCY	Figure A-22
	Comparison between Observed and Simulated Runoff

Flow Duration Curve - 5D08

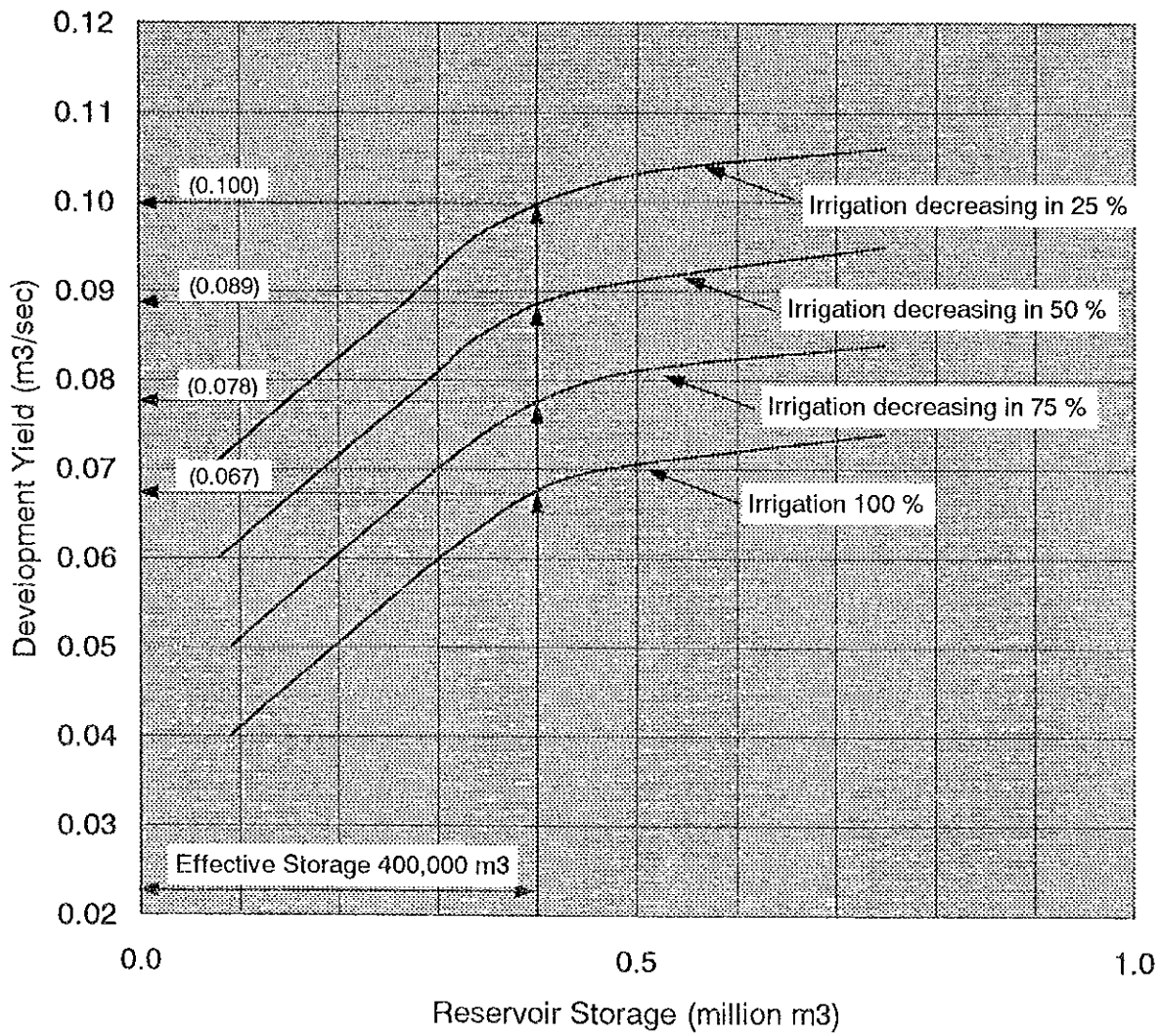


THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A-23

Flow Duration Curve
 at RGS 5D08

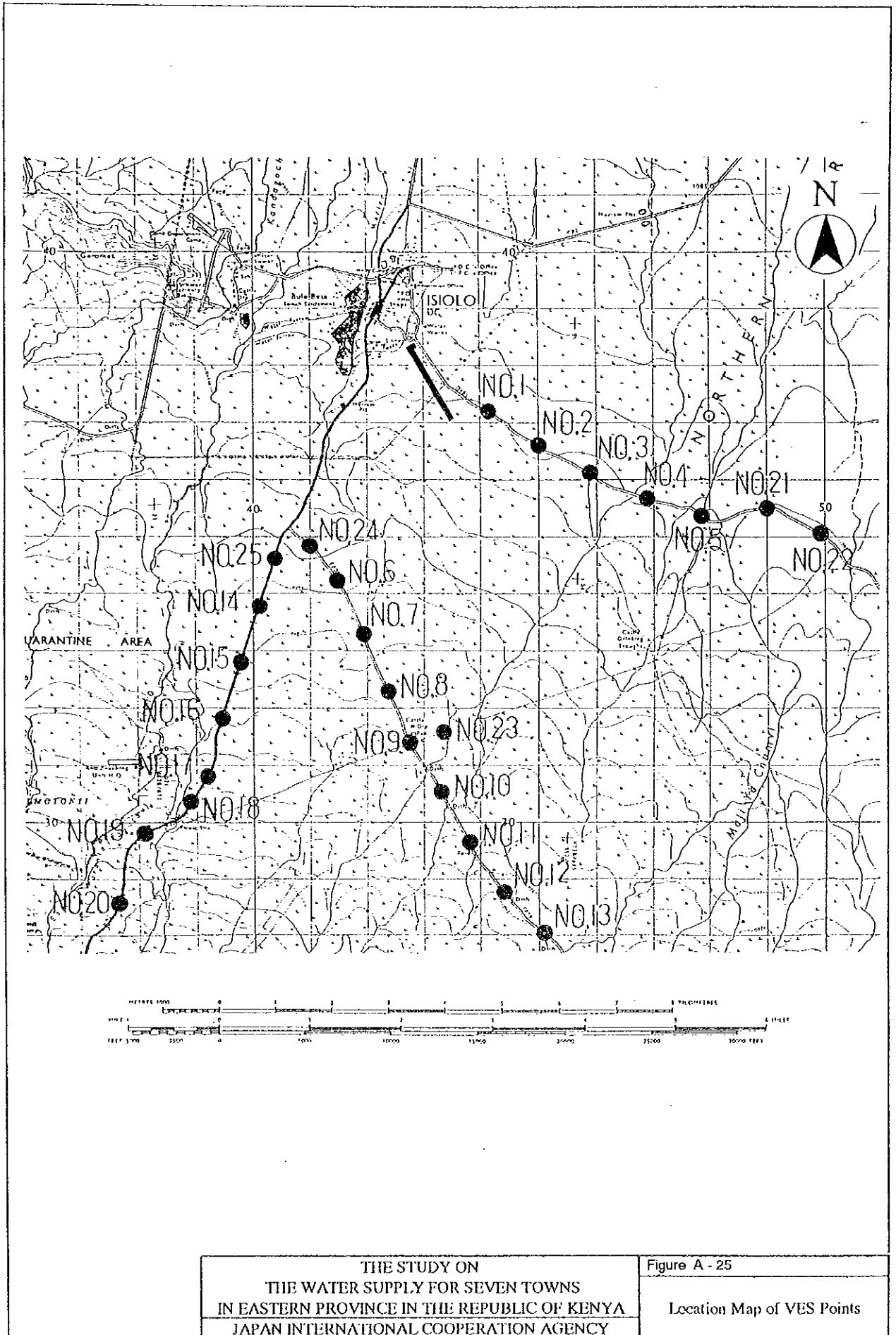
Reservoir Storage Capacity and Development Flow Rate



THE STUDY ON
THE WATER SUPPLY FOR SEVEN TOWNS
IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
JAPAN INTERNATIONAL COOPERATION AGENCY

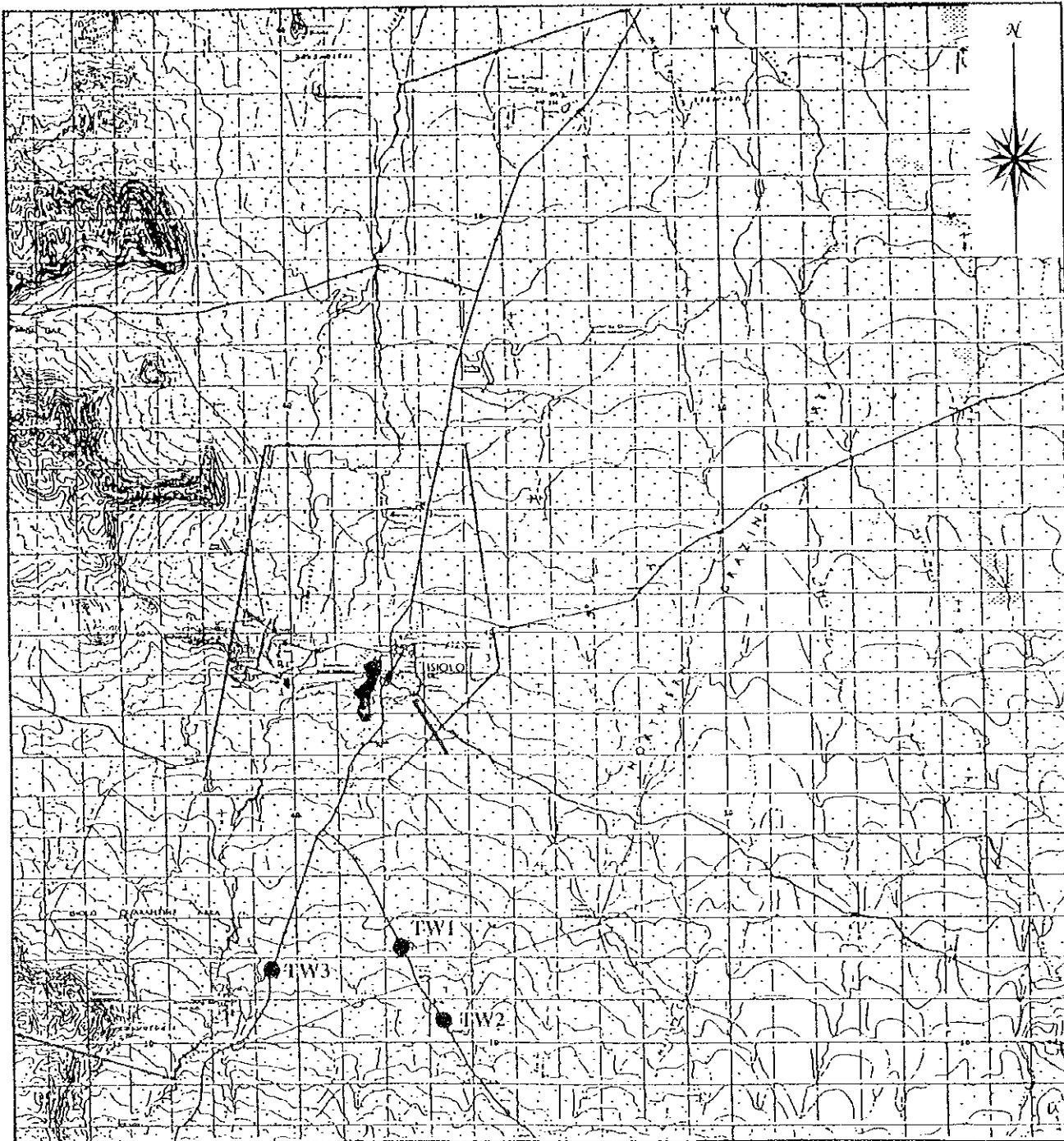
Figure A-24

Required Storage Capacity
and Development Flow Rate
of Isiolo Dam



THE STUDY ON
 THE WATER SUPPLY FOR SEVEN TOWNS
 IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Figure A - 25
 Location Map of VES Points



Legend

● TW 1 ~ TW 3 Exploratory drilling site

<p>THE STUDY ON THE WATER SUPPLY FOR SEVEN TOWNS IN EASTERN PROVINCE IN THE REPUBLIC OF KENYA JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>Figure A - 26 Location Map of Exploratory drilling site</p>
--	--