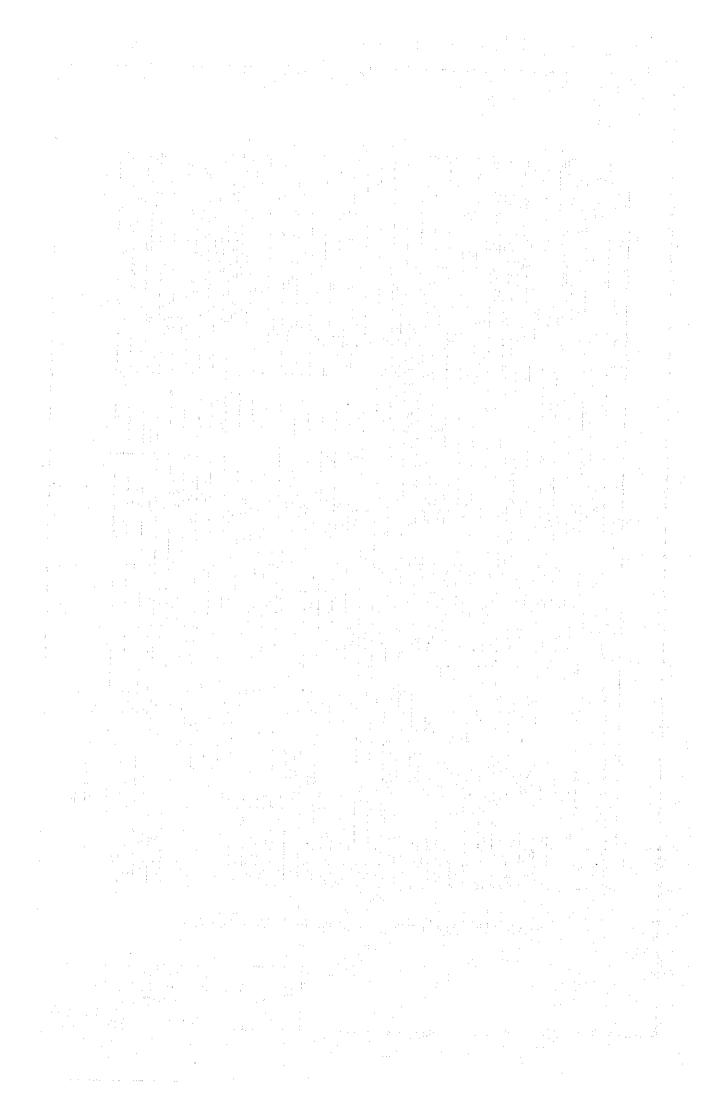


Figure 5.1 List of Stream Gauges in the Sondu River Basin (1/2)



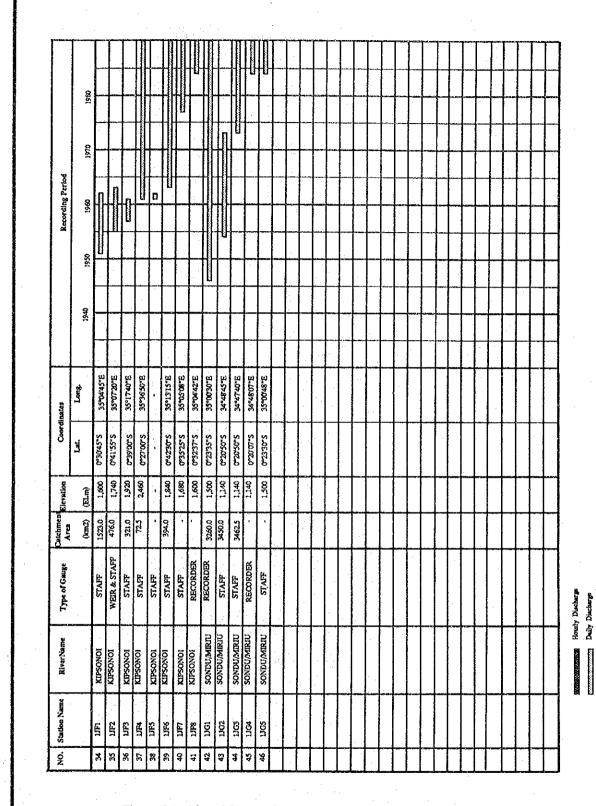
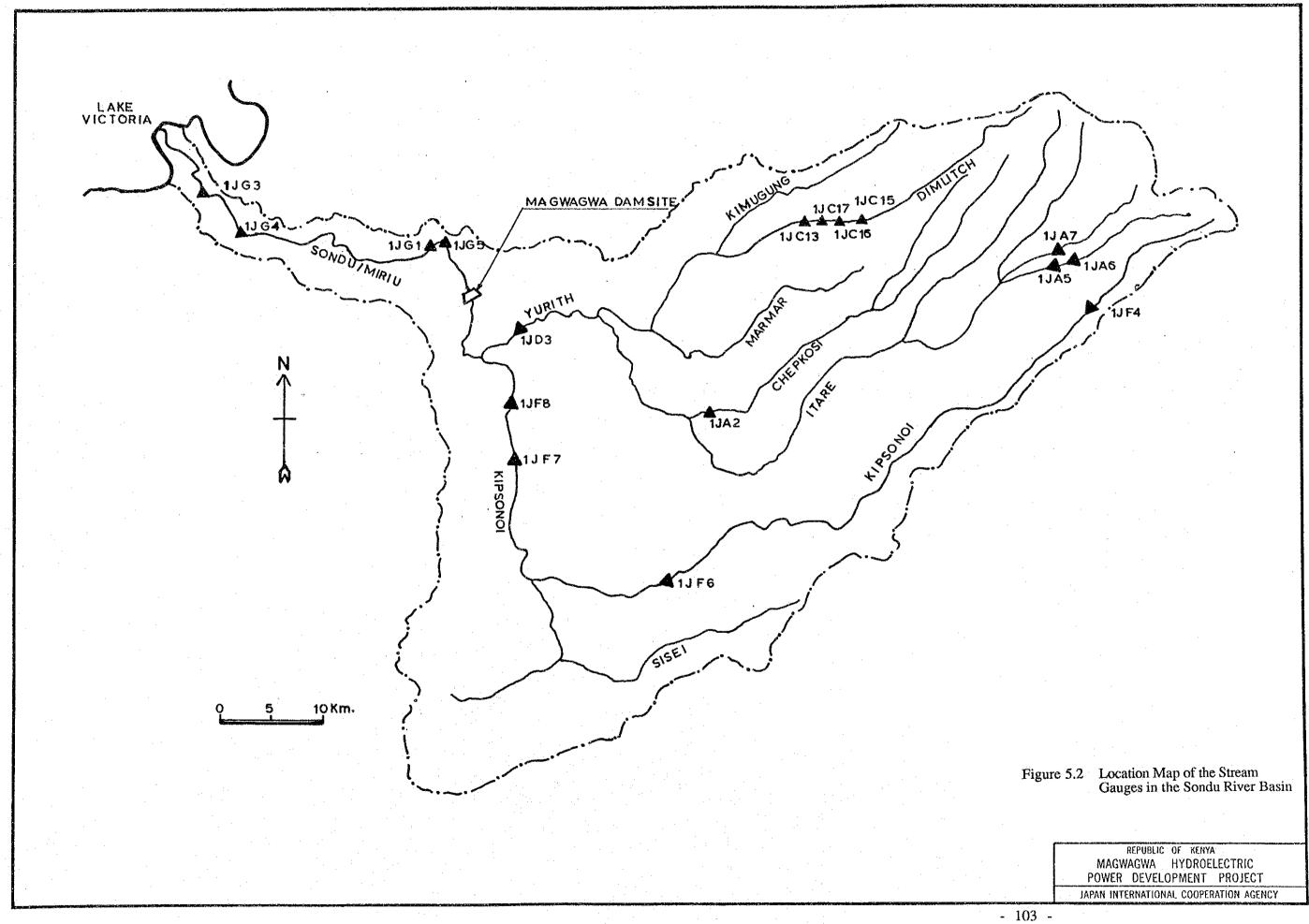
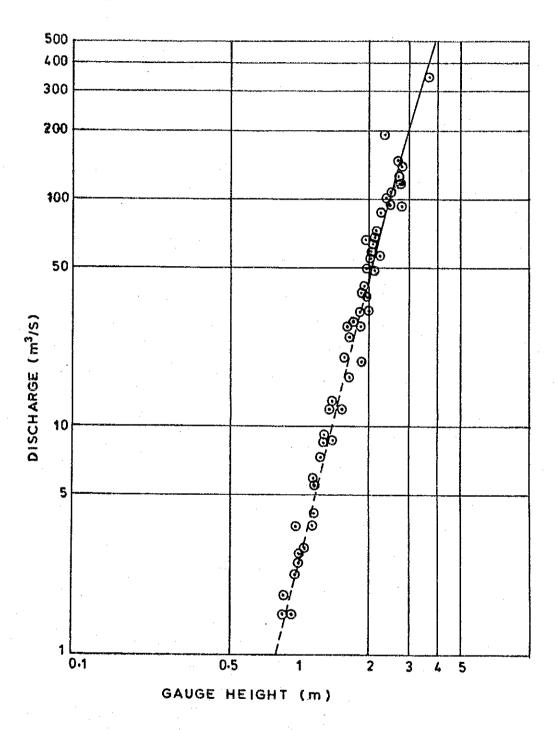


Figure 5.1 List of Stream Gauges in the Sondu River Basin (2/2)

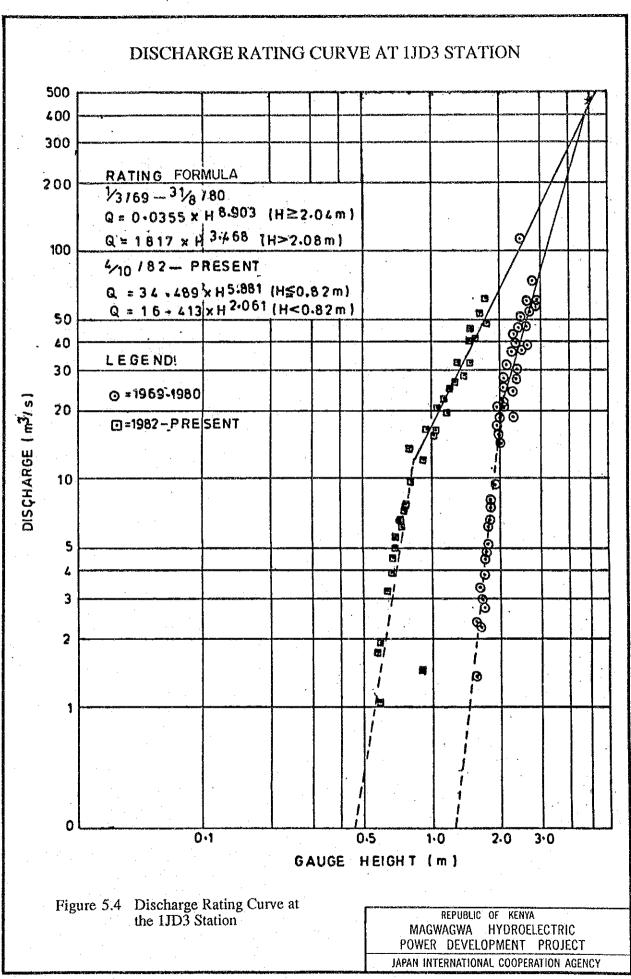


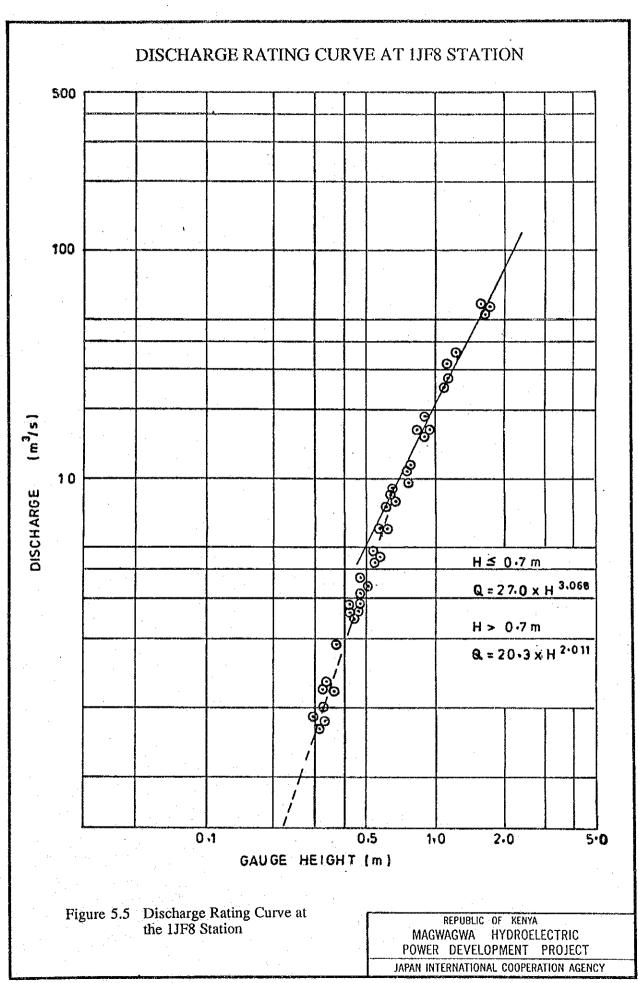


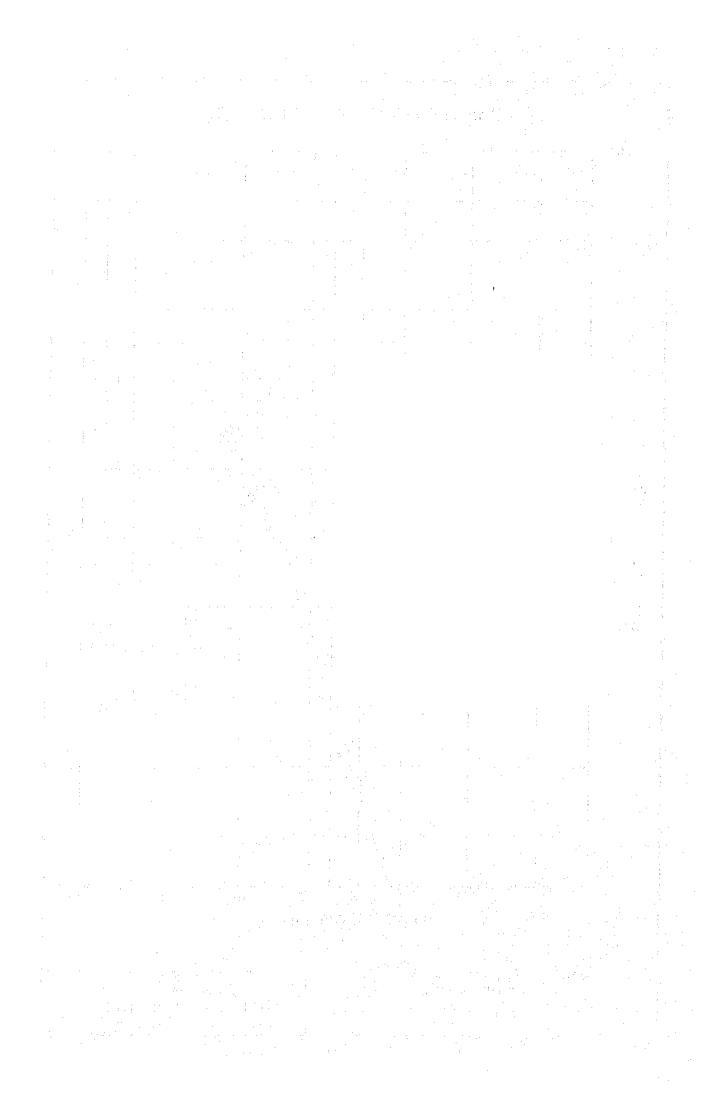


H \leq 1.97m Q = 2.62 x H^{4.20} H > 1.97m Q = 4.26 x H^{3.48}

Figure 5.3 Discharge Rating Curve at the 1JG1 Station

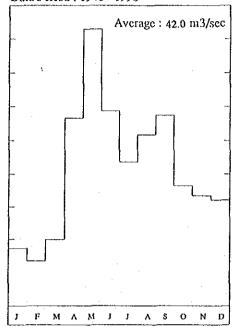






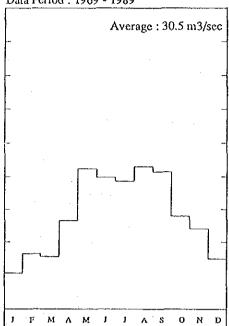
Station Name: 1JG1 River: Sondu/Miriu C.A.: 3,260 km2

Data Period: 1946 - 1990



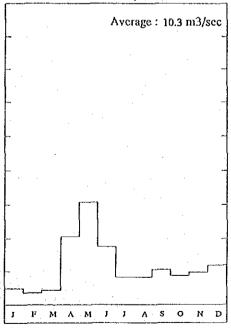
Station Name: 1JD3 River: Yurith C.A.: 1,570 km2

Data Period: 1969 - 1989



Station Name: 1JF1/1JF8

River: Kipsonoi C.A.: 1,523 km2/1,540 km2 Data Period: 1951 - 1961/1986 - 1989



Station Name: 1GD4 River : Nyando C.A. : 2,520 km2

Data Period: 1956 - 1988

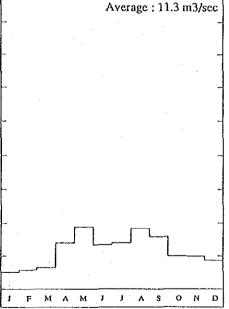


Figure 5.6 Mean Monthly Runoff Pattern at Respective Stream Gauges

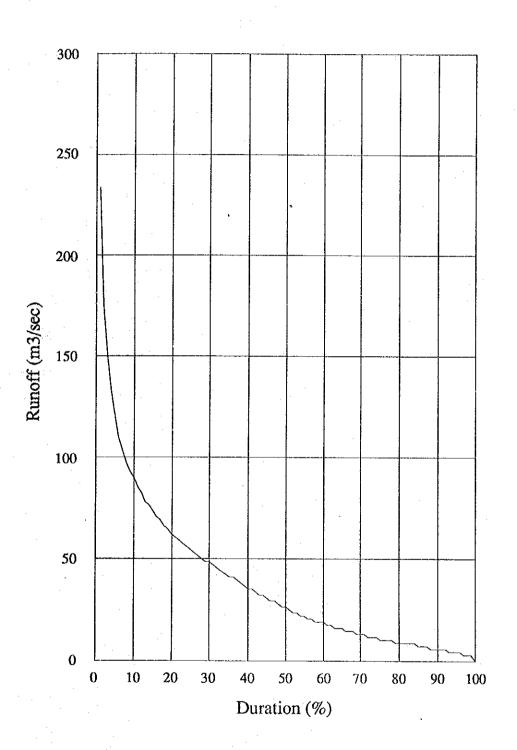
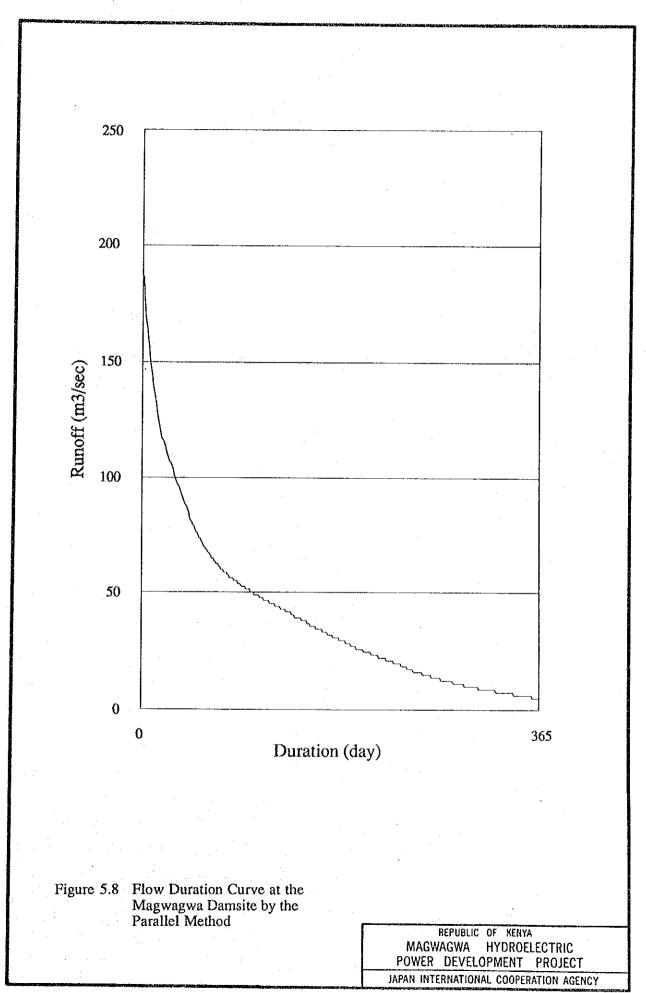
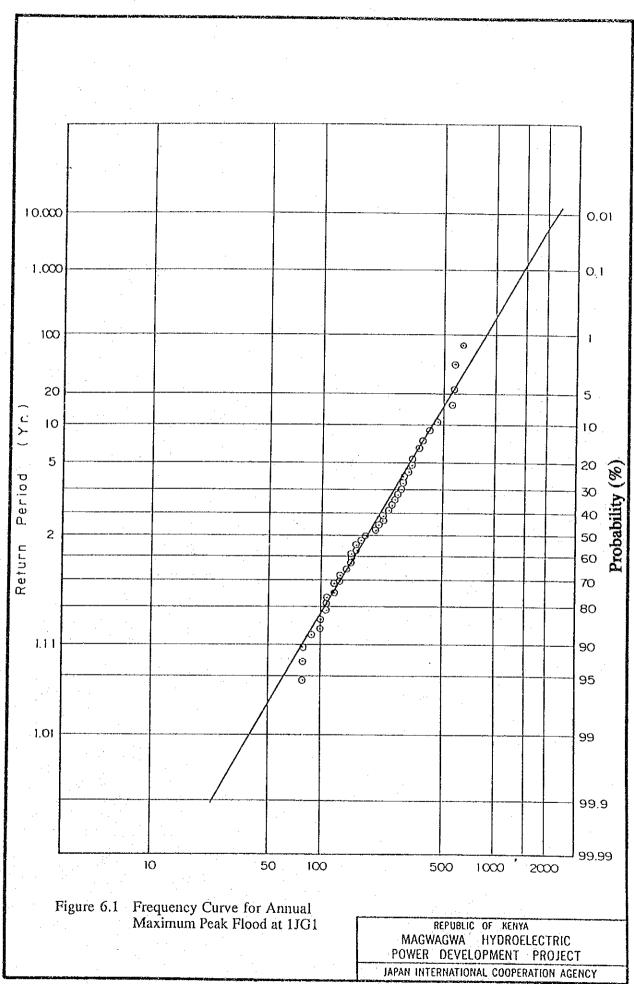
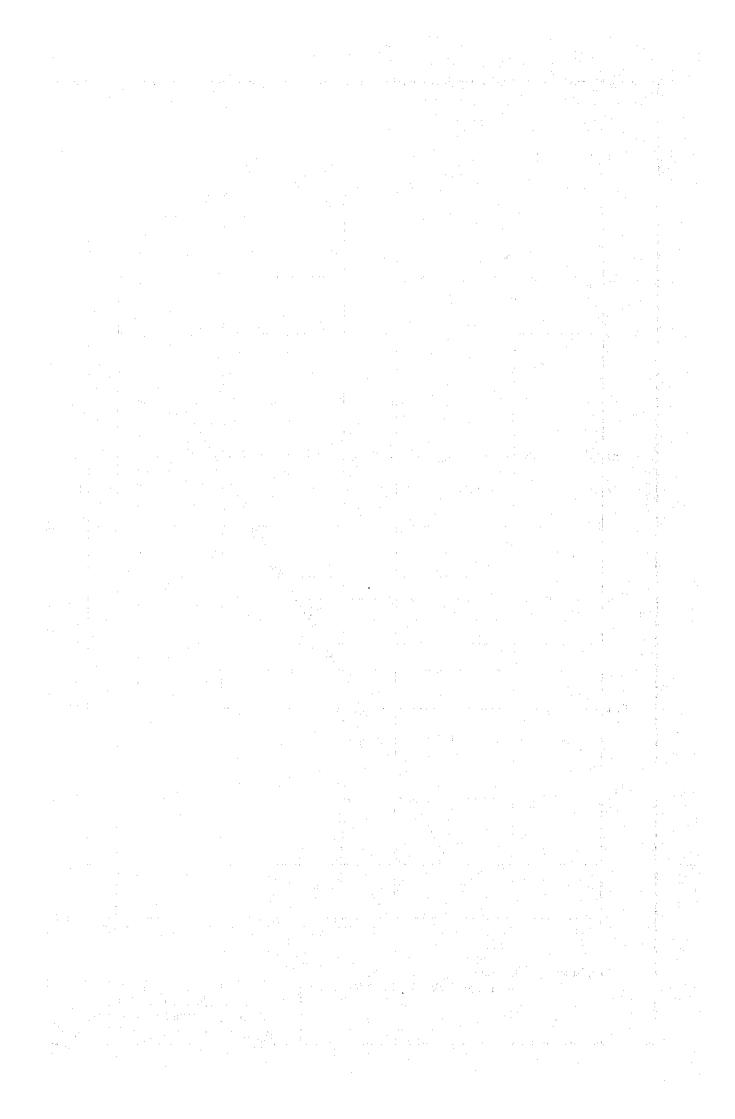
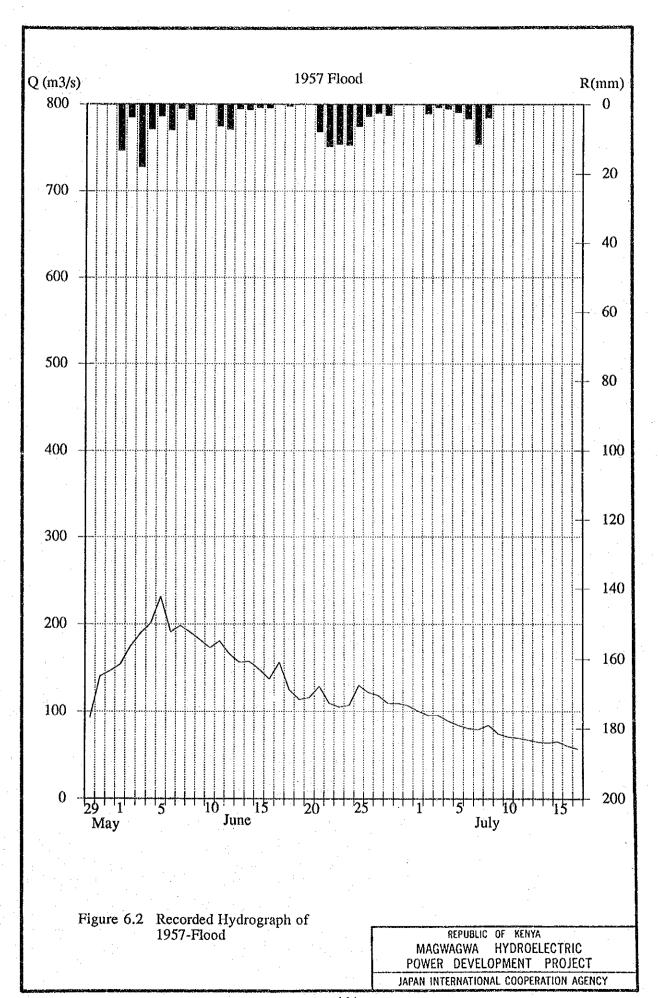


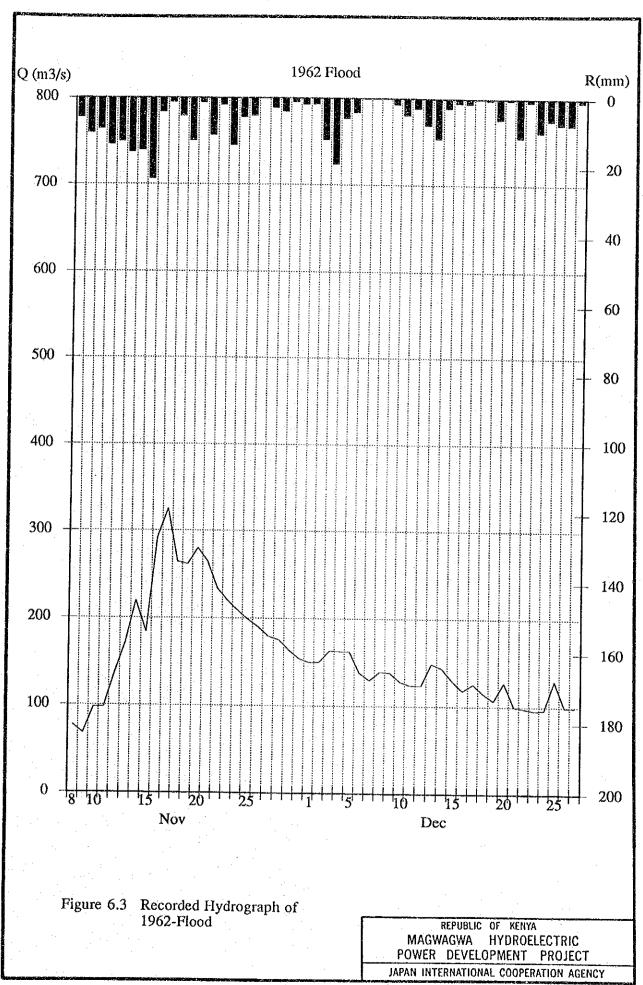
Figure 5.7 Flow Duration Curve at the Magwagwa Damsite by the Series Method

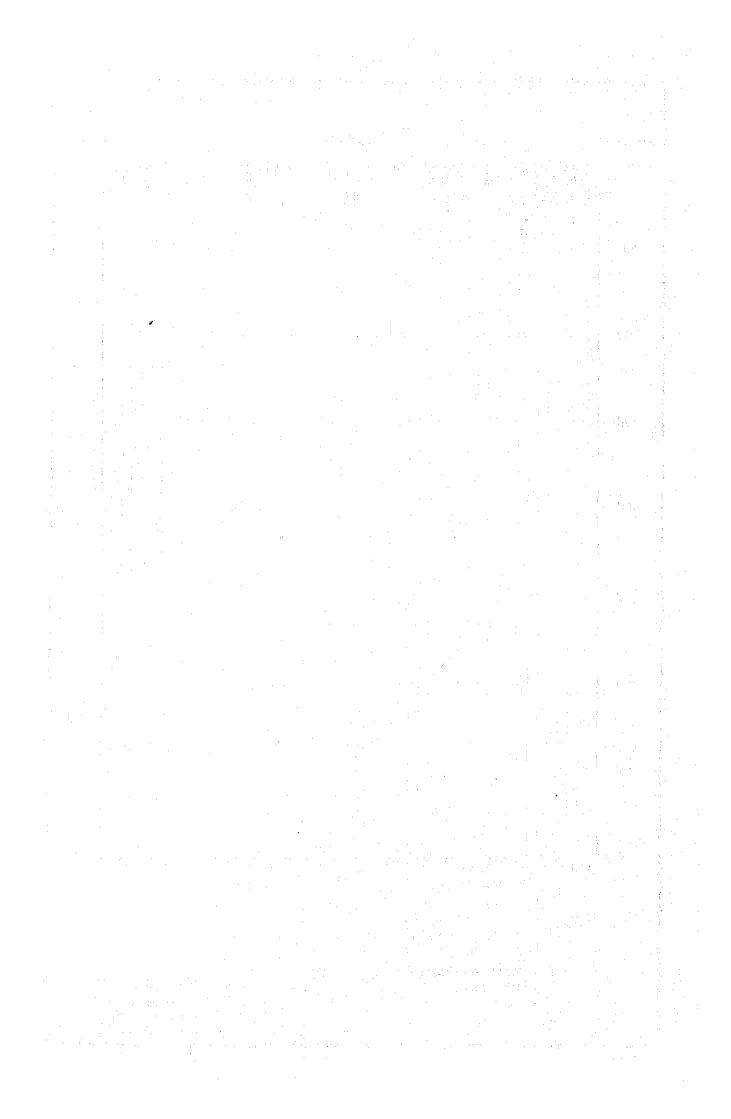


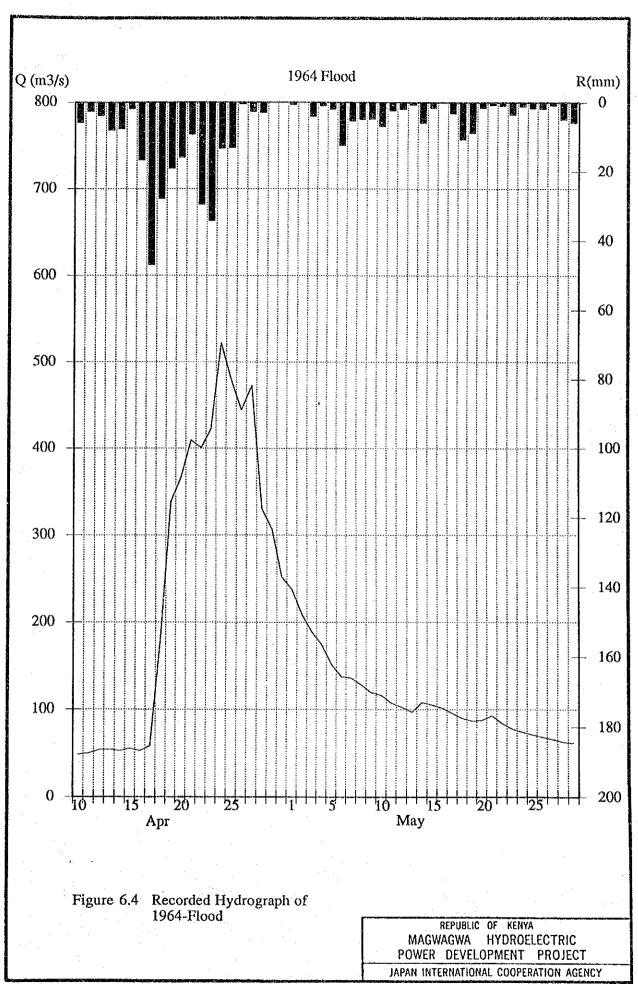


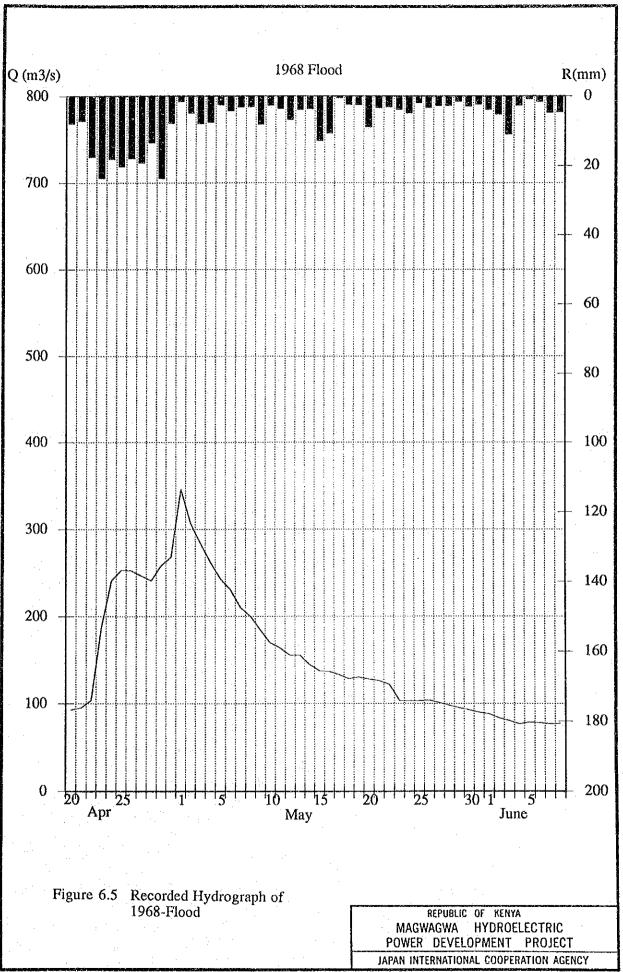


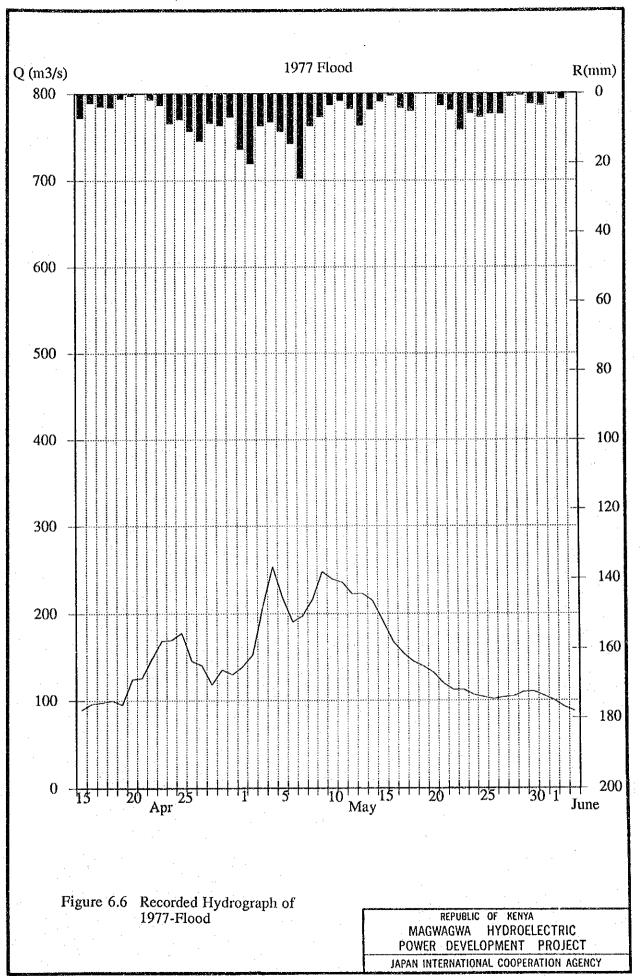


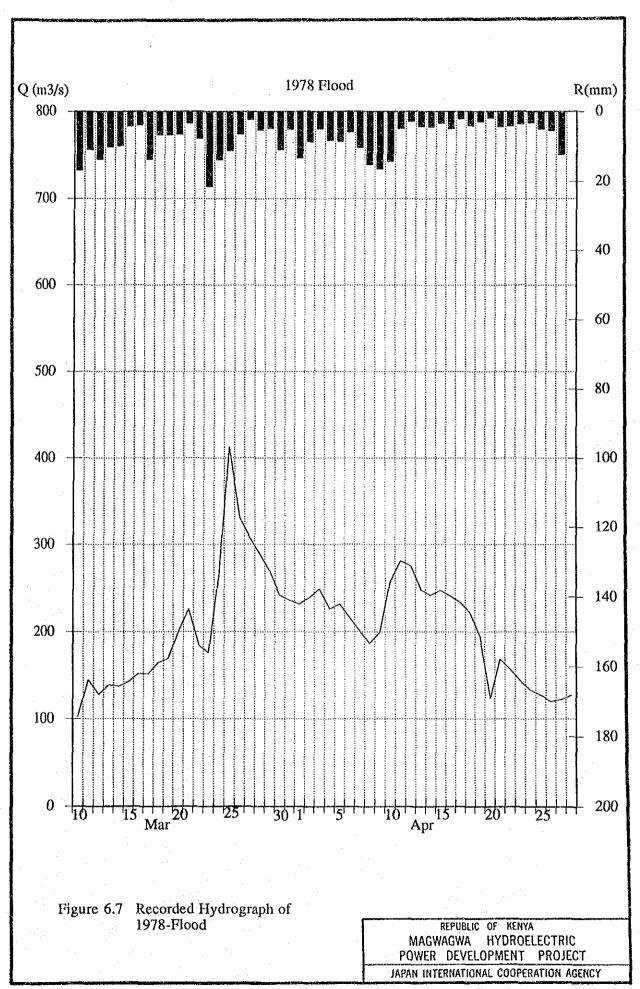


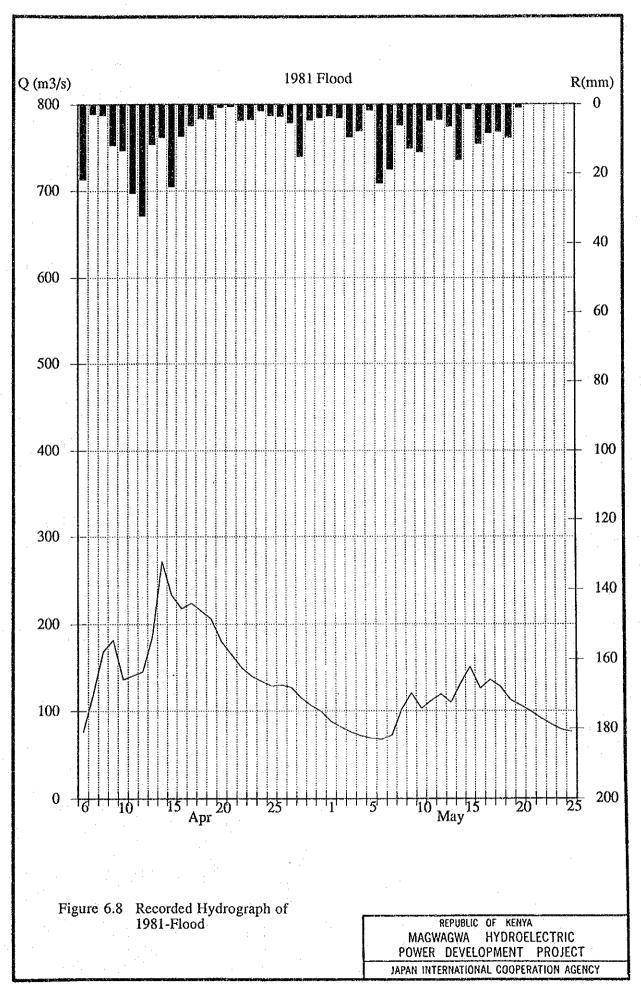


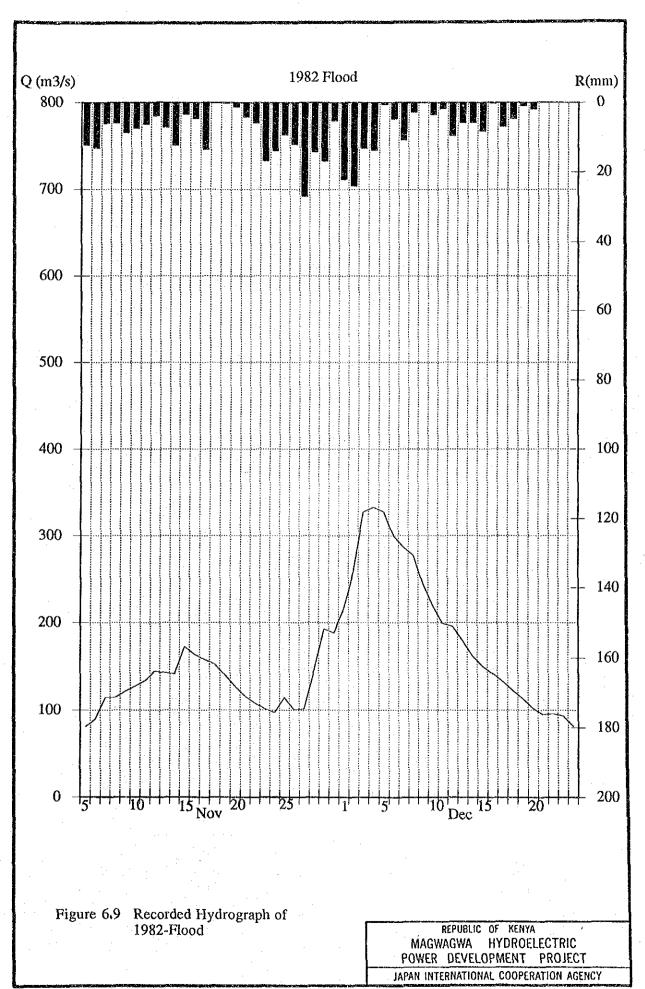


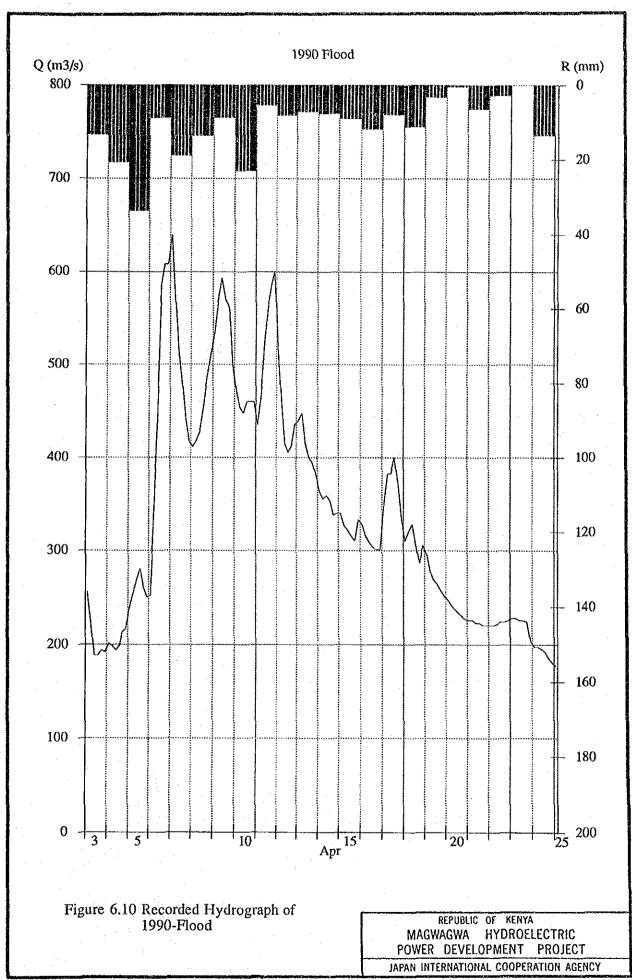












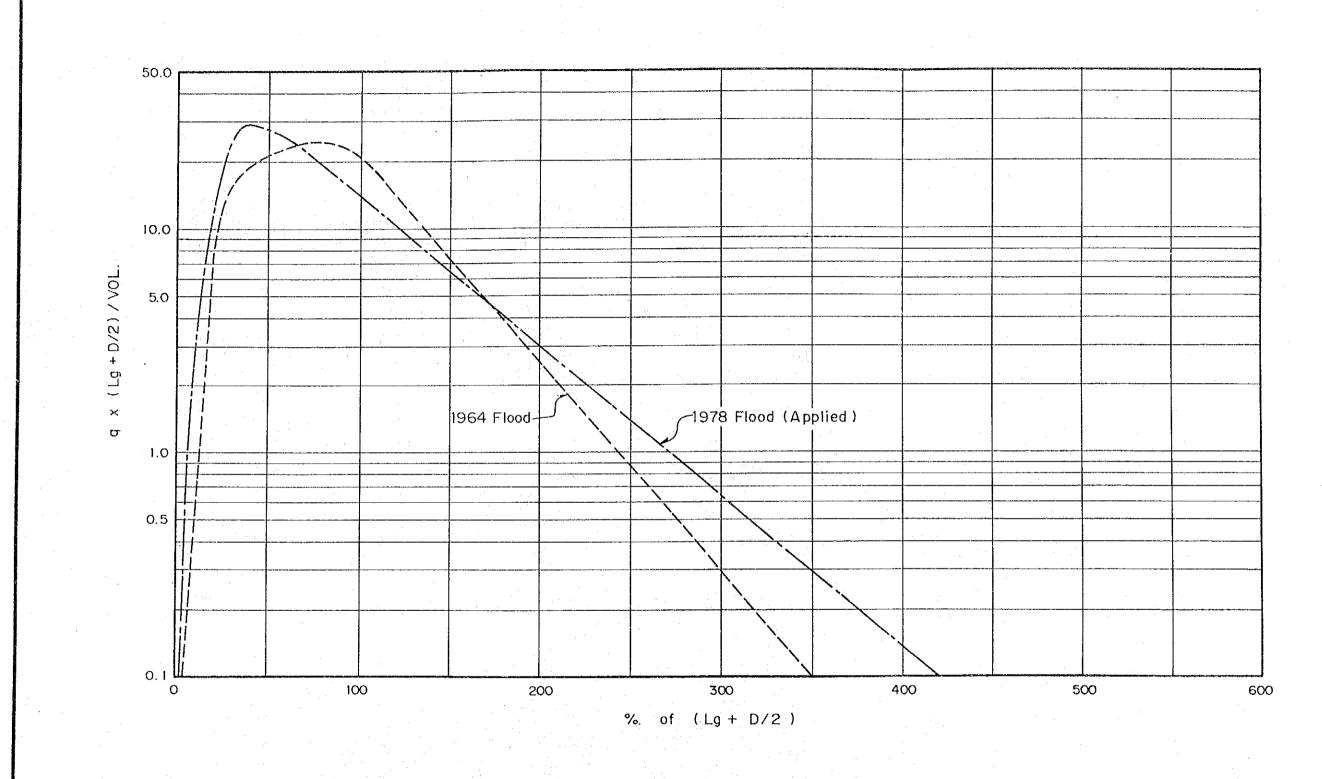
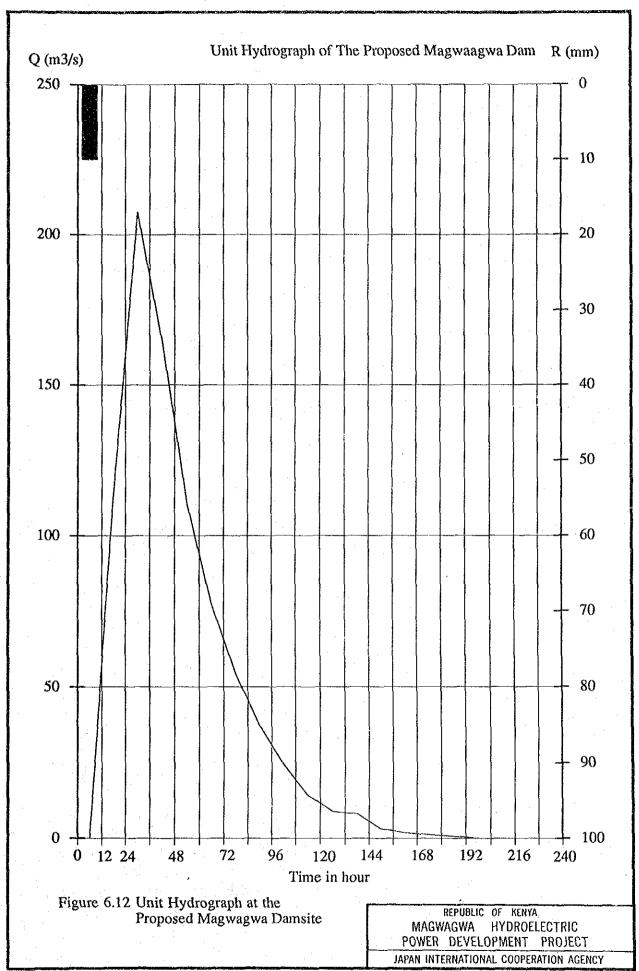


Figure 6.11 Dimensionless Graph at 1JG1

REPUBLIC OF KENYA
MAGWAGWA HYDROELECTRIC
POWER DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY



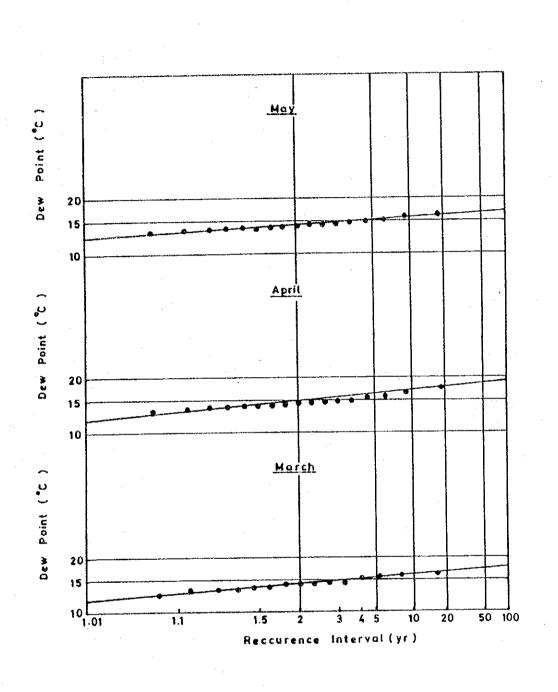


Figure 6.13 Maximum Dew Point

REPUBLIC OF KENYA
MAGWAGWA HYDROELECTRIC
POWER DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY

