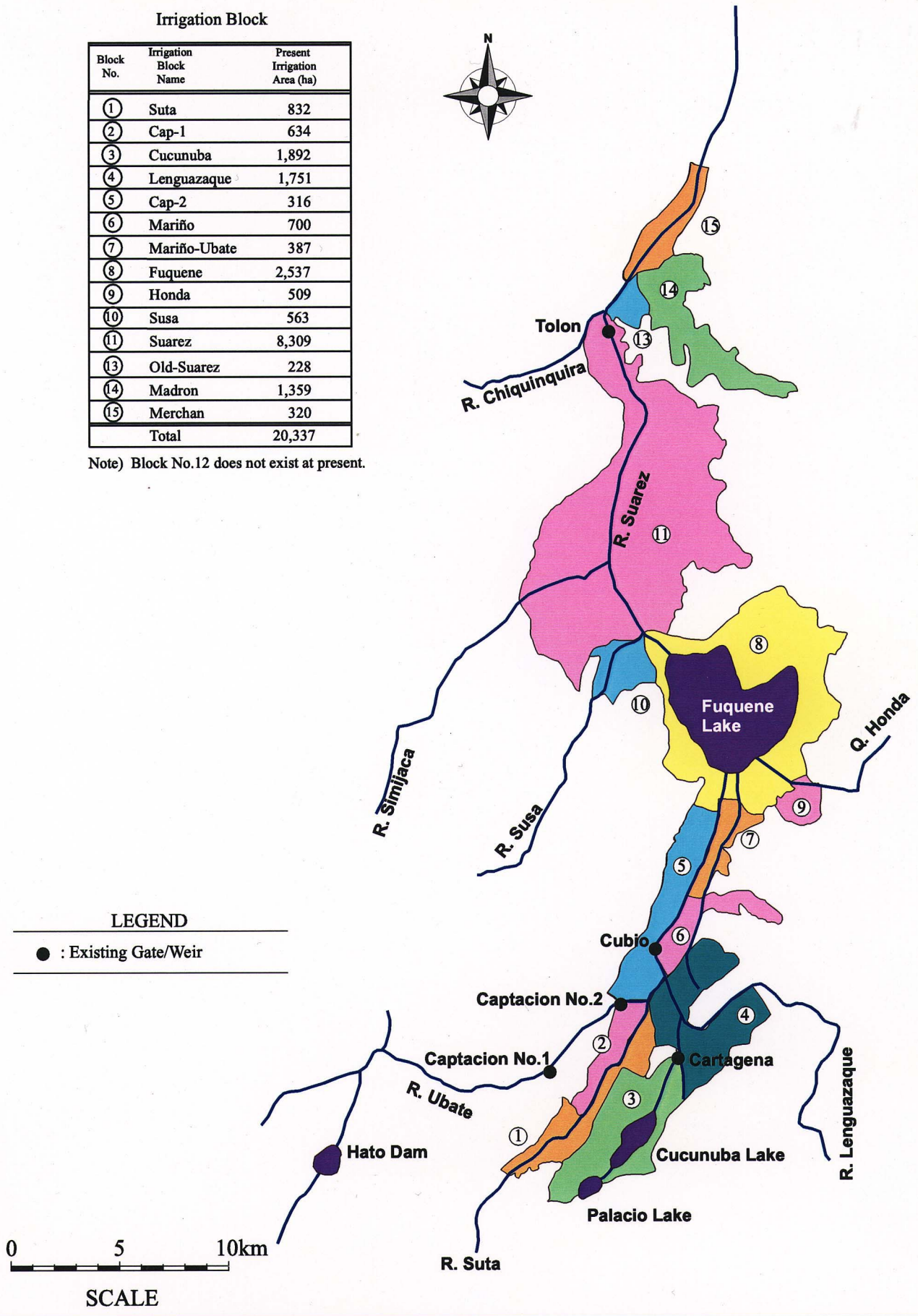


Irrigation Block

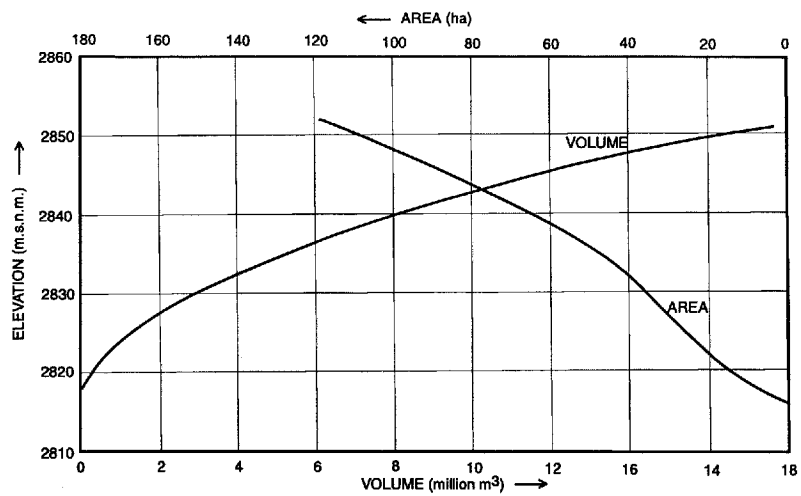
Block No.	Irrigation Block Name	Present Irrigation Area (ha)
①	Suta	832
②	Cap-1	634
③	Cucunuba	1,892
④	Lenguazaque	1,751
⑤	Cap-2	316
⑥	Marifio	700
⑦	Marifio-Ubate	387
⑧	Fuquene	2,537
⑨	Honda	509
⑩	Susa	563
⑪	Suarez	8,309
⑬	Old-Suarez	228
⑭	Madron	1,359
⑮	Merchan	320
Total		20,337

Note) Block No.12 does not exist at present.



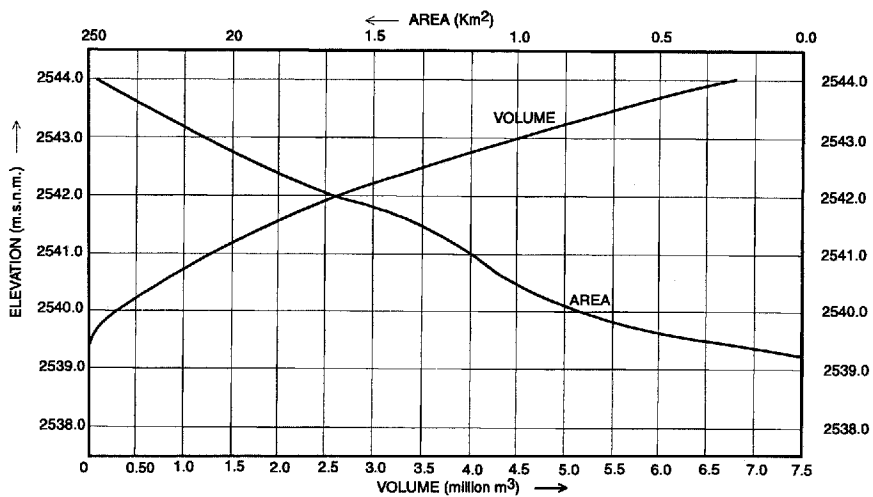
THE STUDY ON
REGIONAL ENVIRONMENTAL IMPROVEMENT PLAN
FOR THE BASIN OF LAKE FUQUENE
JAPAN INTERNATIONAL COOPERATION AGENCY

Fig. C.1.1 Division of Irrigation Block

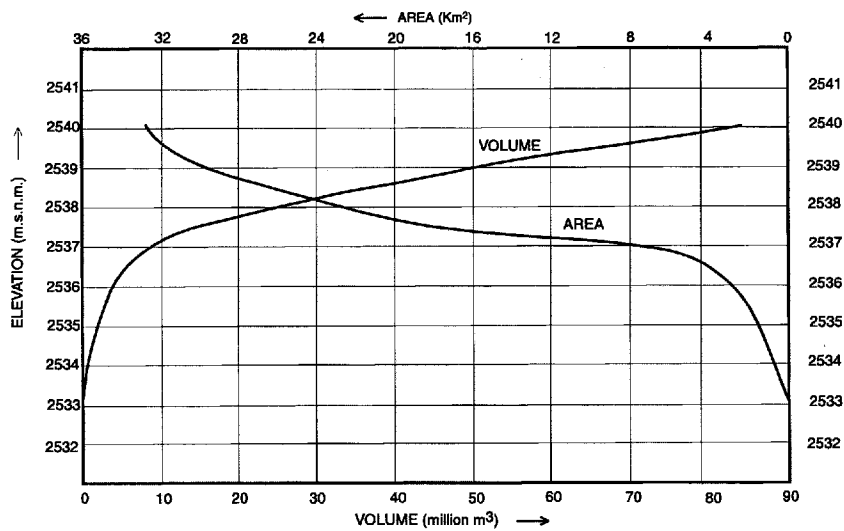


ELEVATION	AREA (Km ²)	VOLUME (million m ³)
2818.00	0	0
2820.00	0.16	0.27
2830.00	0.37	2.92
2840.00	0.66	8.04
2842.70	0.76	9.70
2850.00	1.08	16.70

AREA-CAPACITY CURVE OF HATO DAM



AREA-CAPACITY CURVE OF CUCUNUBA LAKE



AREA-CAPACITY CURVE OF FUQUENE LAKE

THE STUDY ON
REGIONAL ENVIRONMENTAL IMPROVEMENT PLAN
FOR THE BASIN OF LAKE FUQUENE

JAPAN INTERNATIONAL COOPERATION AGENCY

Fig. C.3.1 Area-Capacity Curve

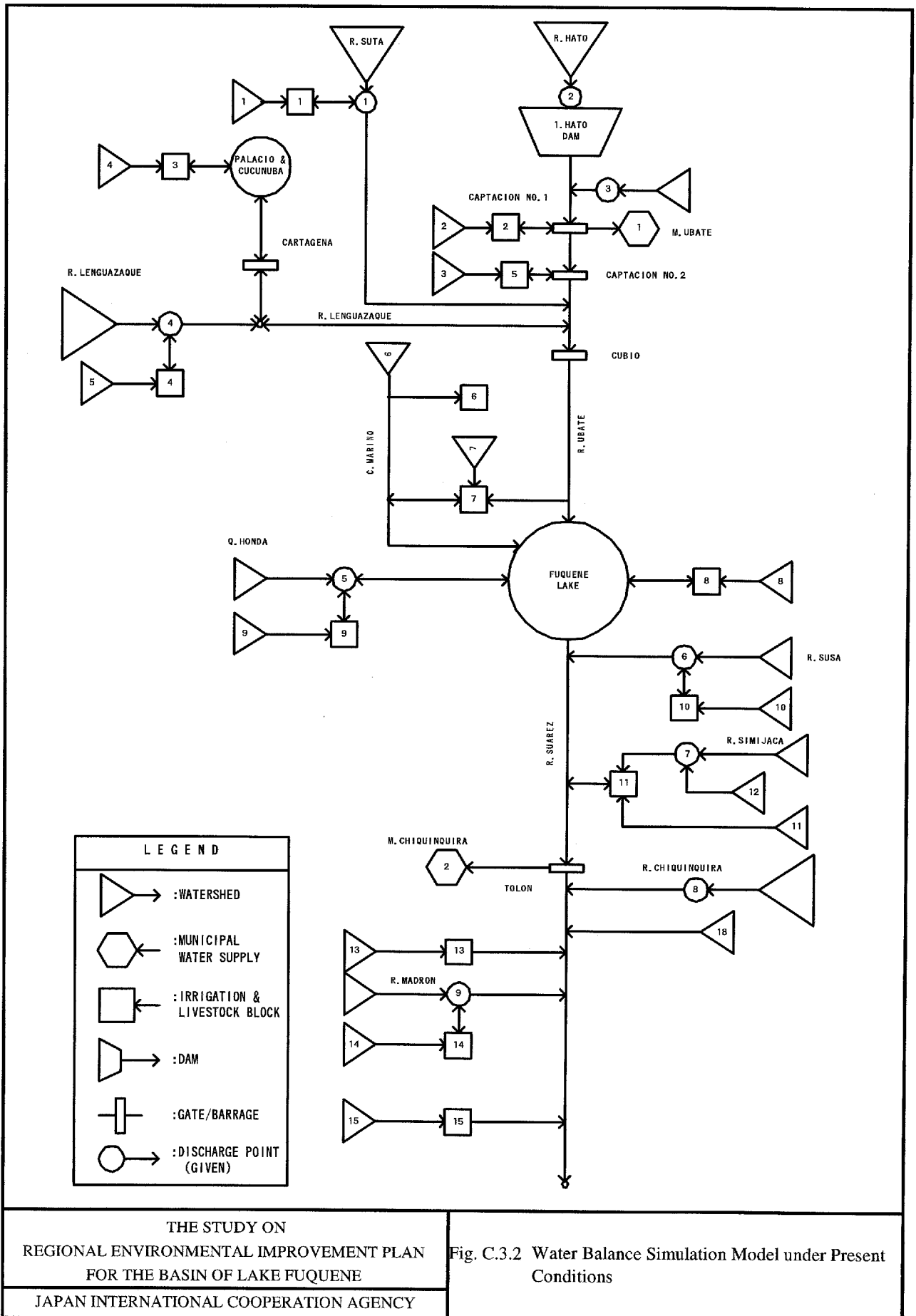
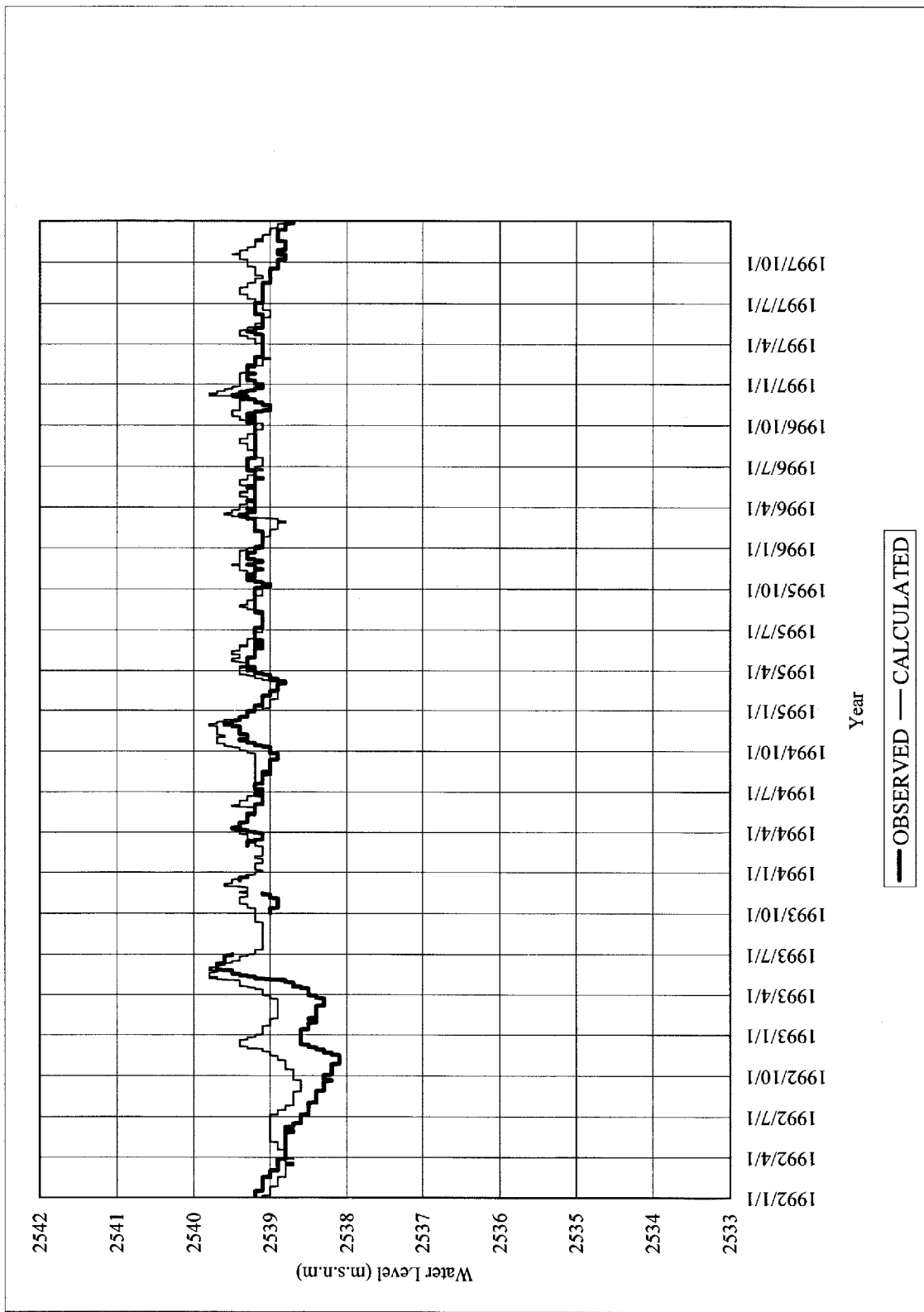
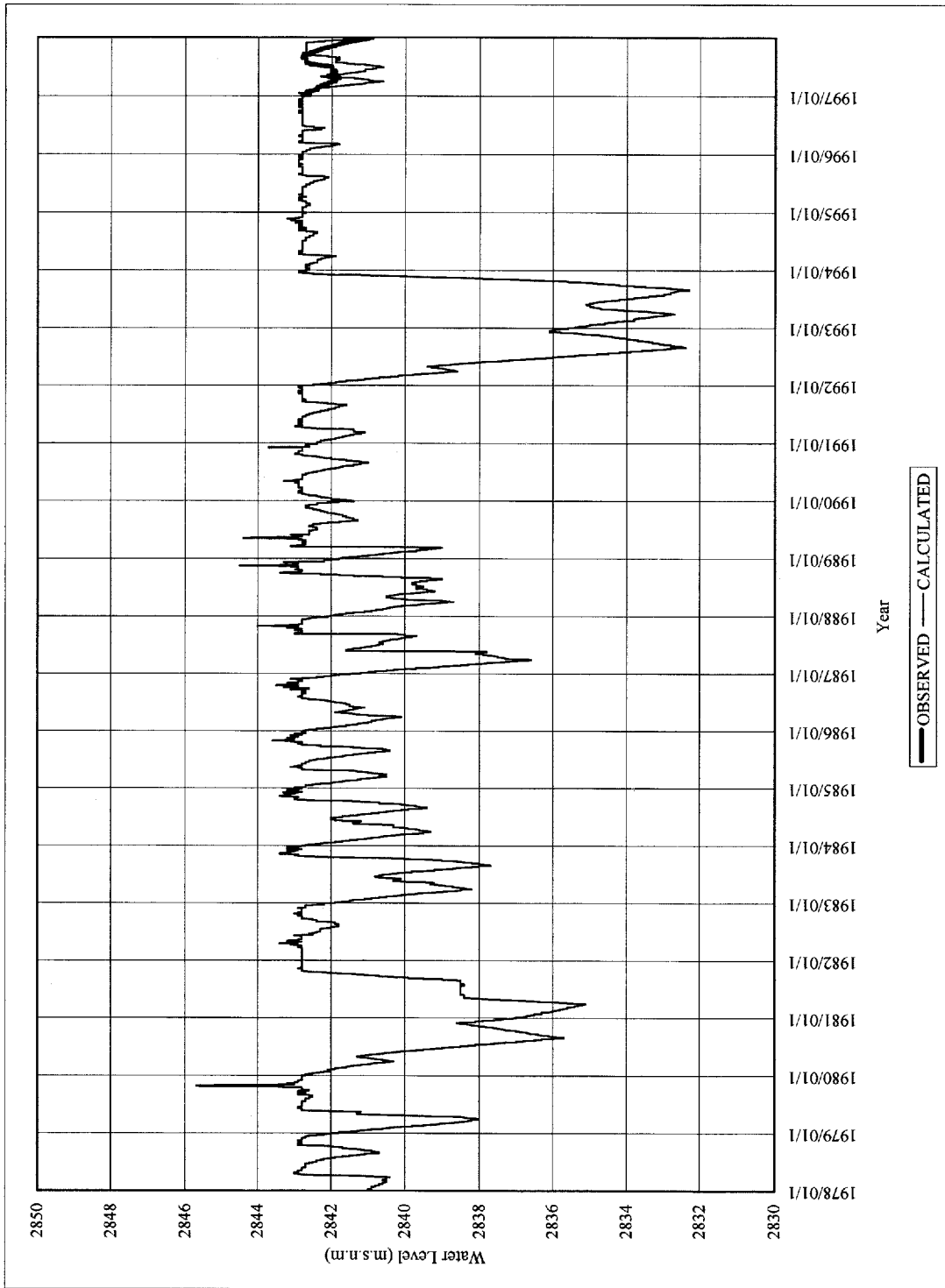


Fig. C.3.2 Water Balance Simulation Model under Present Conditions



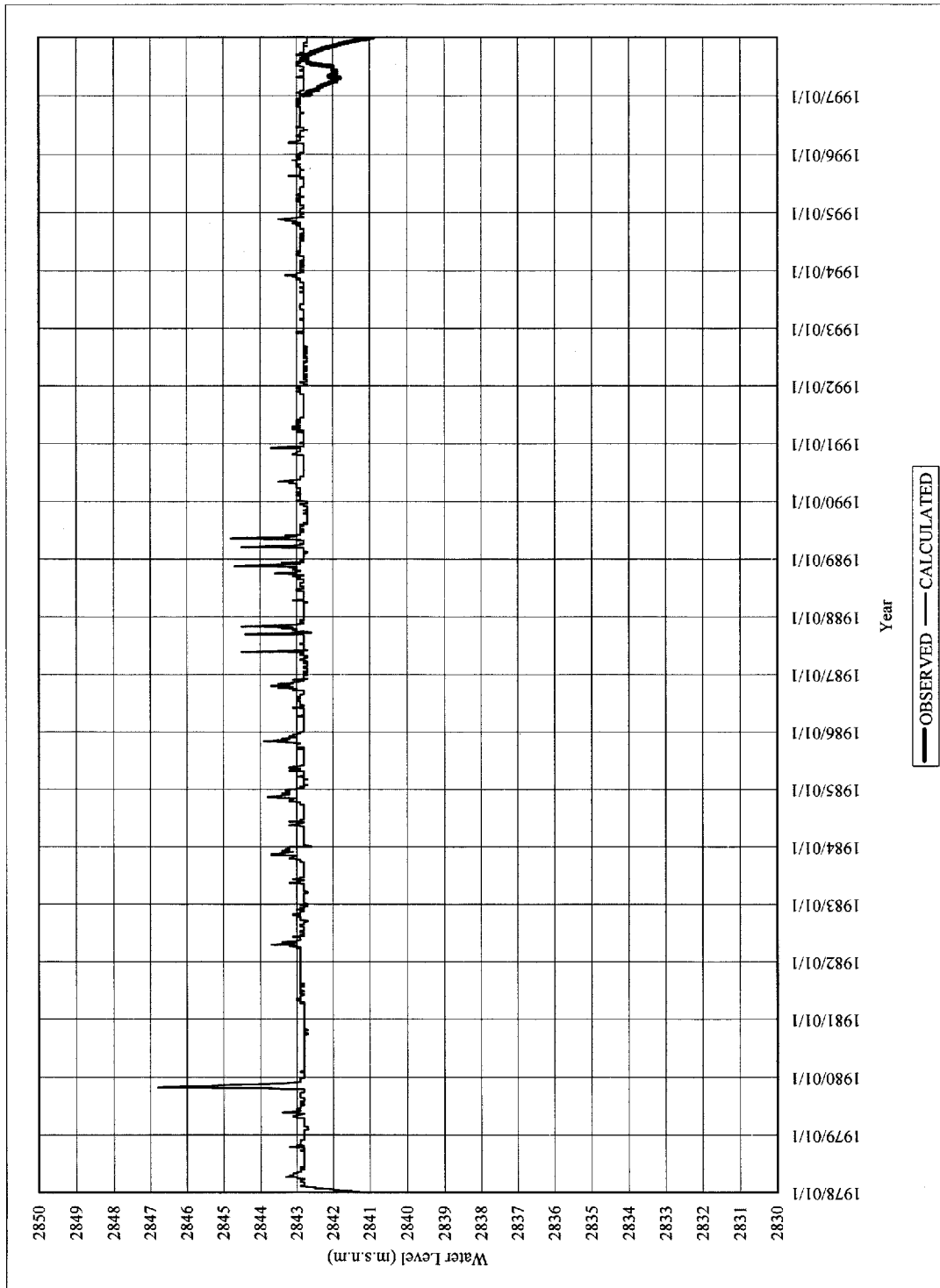
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 REGIONAL ENVIRONMENTAL IMPROVEMENT PLAN
 FOR THE BASIN OF LAKE FUQUENE
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig. C.3.3 Comparison of Observed and Calculated Water Level of Fuquene Lake



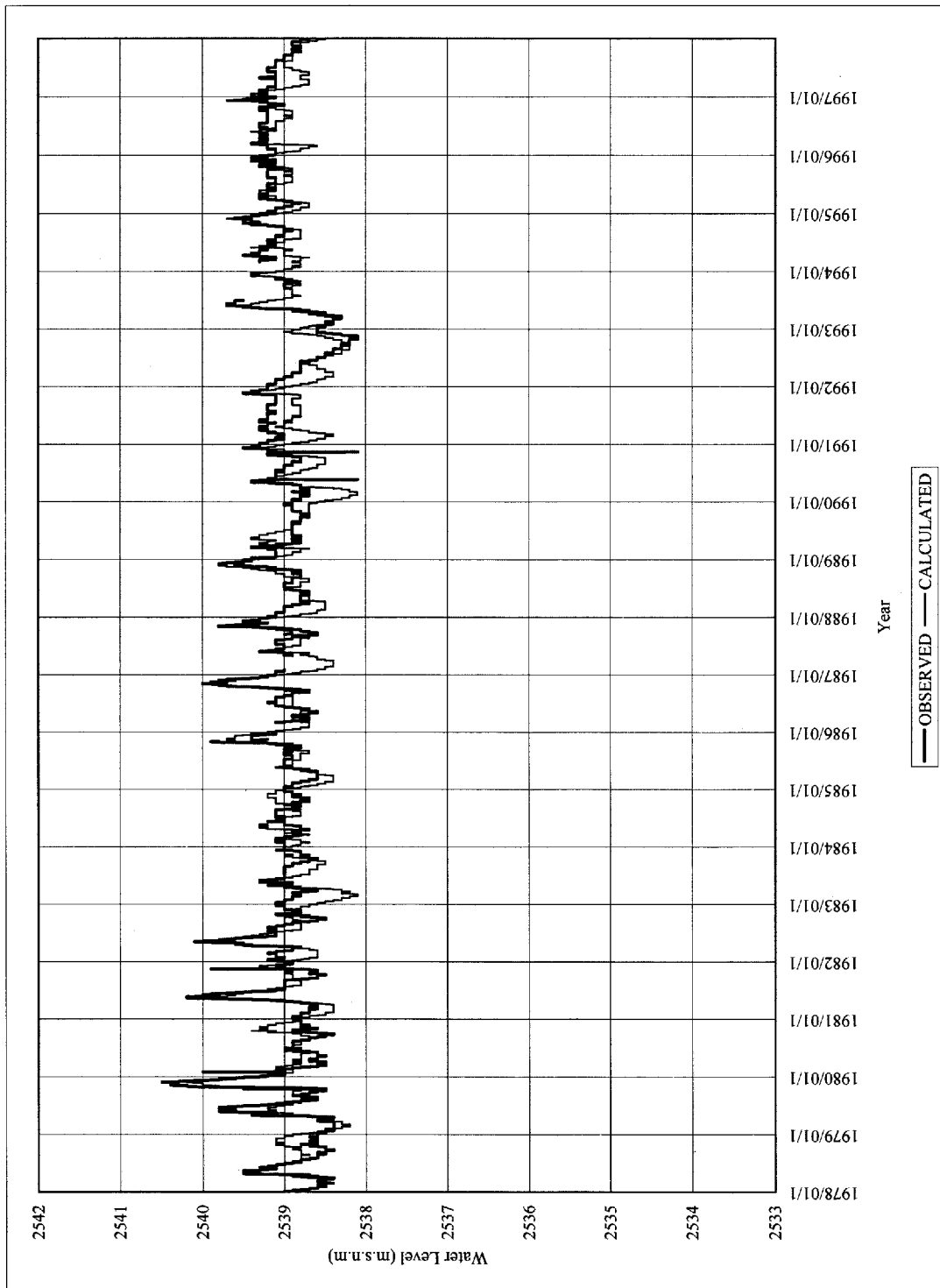
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 FOR THE BASIN OF LAKE FUQUENE
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig. C.3.4 Hato Dam Water Level under Present Conditions



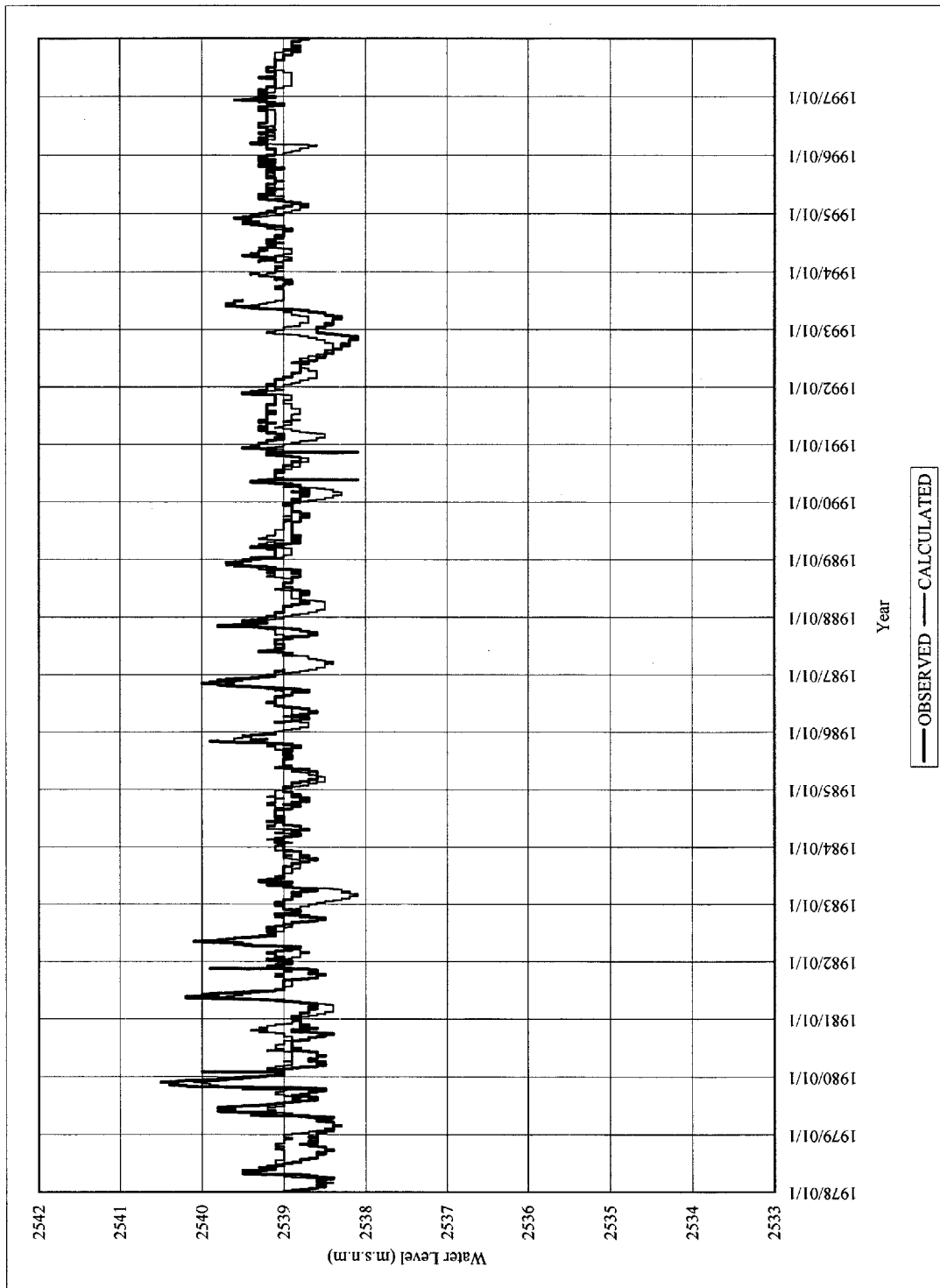
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 REGIONAL ENVIRONMENTAL IMPROVEMENT PLAN
 FOR THE BASIN OF LAKE FUQUENE
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig. C.3.5 Simulated Water Level of Hato Dam with Optimum Operation Rule (Present Conditions)



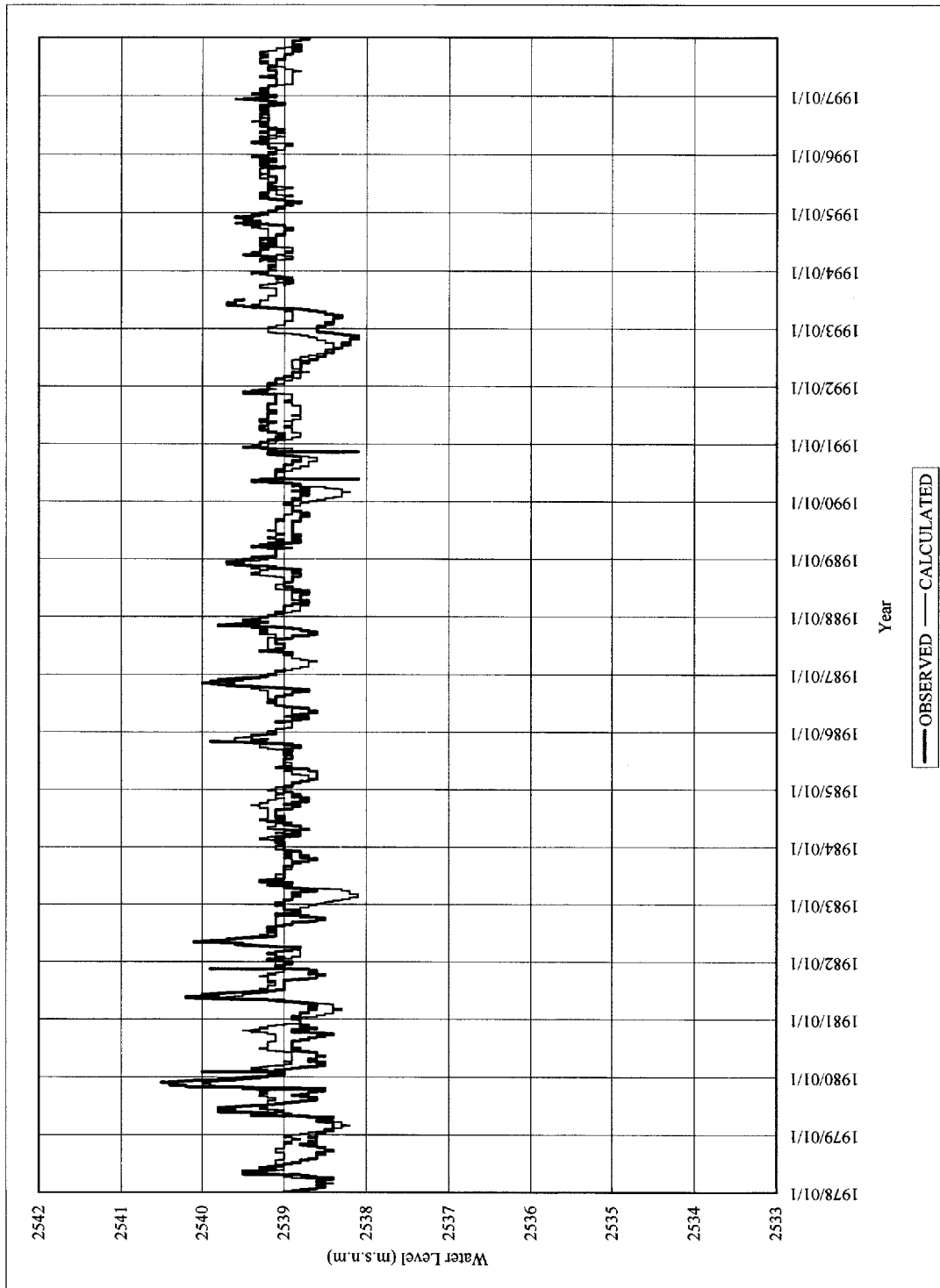
THE STUDY ON
 REGIONAL ENVIRONMENTAL IMPROVEMENT PLAN
 FOR THE BASIN OF LAKE FUQUENE
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig. C.3.6 Simulated Water Level of Fuquene Lake
 (Present Conditions: Case-1)



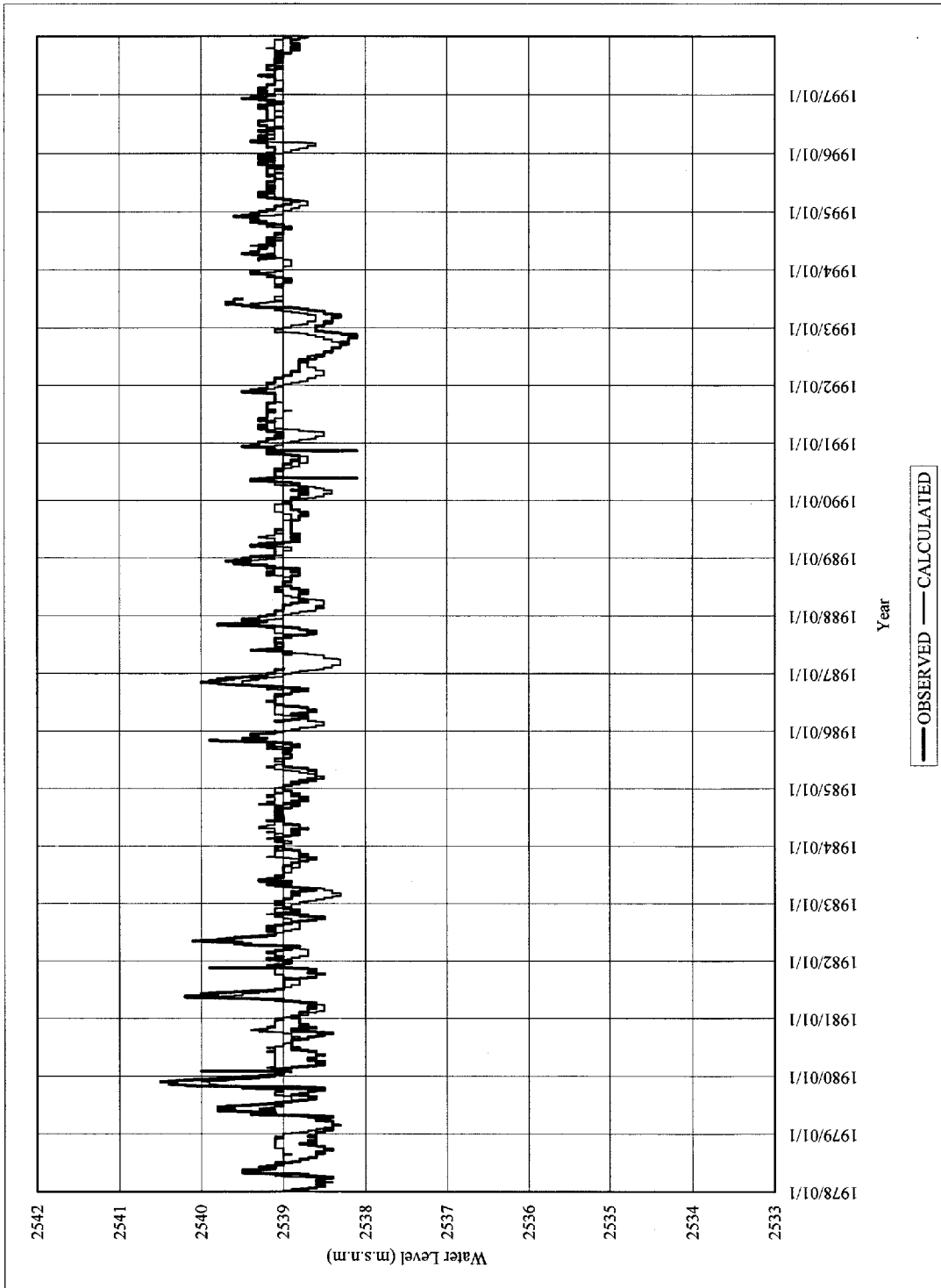
THE STUDY ON
 REGIONAL ENVIRONMENTAL IMPROVEMENT PLAN
 FOR THE BASIN OF LAKE FUQUENE
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig. C.3.7 Simulated Water Level of Fuquene Lake
 (Present Conditions: Case-2)



THE STUDY ON
 REGIONAL ENVIRONMENTAL IMPROVEMENT PLAN
 FOR THE BASIN OF LAKE FUQUENE
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig. C.3.8 Simulated Water Level of Fuquene Lake
 (Present Conditions: Case-3)



THE STUDY ON
 REGIONAL ENVIRONMENTAL IMPROVEMENT PLAN
 FOR THE BASIN OF LAKE FUQUENE
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig. C.3.9 Simulated Water Level of Fuquene Lake
 (Present Conditions: Case-4)