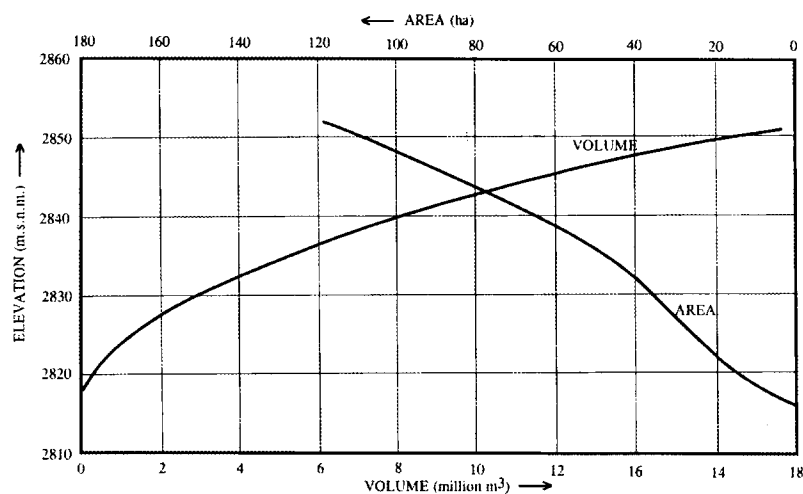
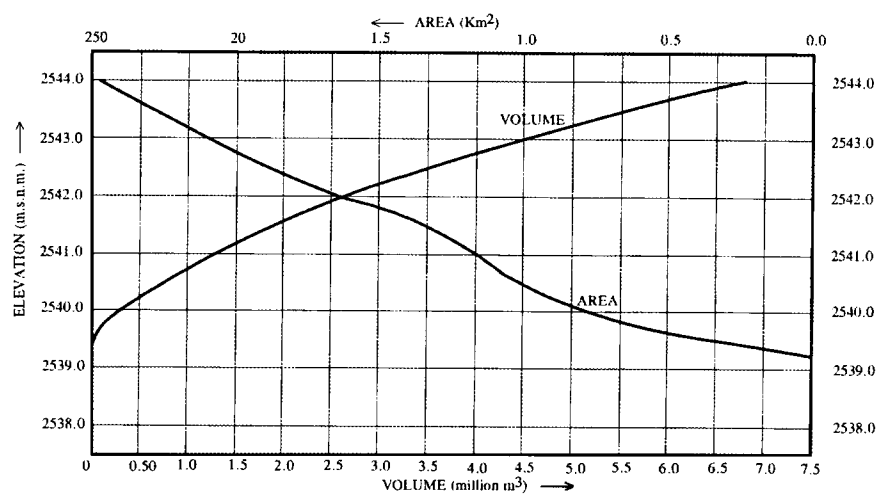


Fig. 3.5 Water Balance Simulation Model under Present Conditions

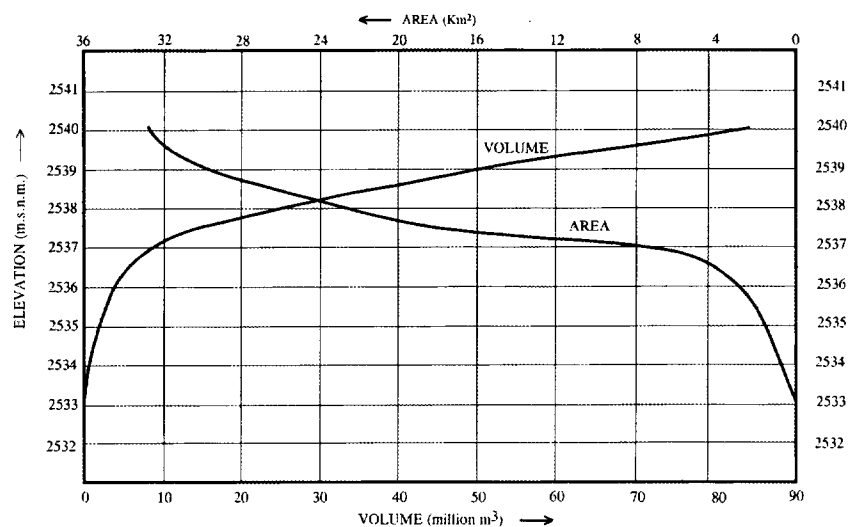


| ELEVATION | AREA (Km ²) | VOLUME (million m ³) |
|-----------|----------------------------|-------------------------------------|
| 2818.00 | 0 | 0 |
| 2820.00 | 0.16 | 0.27 |
| 2830.00 | 0.37 | 2.92 |
| 2840.00 | 0.66 | 8.04 |
| 2842.70 | 0.76 | 9.70 |
| 2850.00 | 1.08 | 16.70 |

AREA-CAPACITY CURVE OF HATO DAM



AREA-CAPACITY CURVE OF CUCUNUBA LAKE

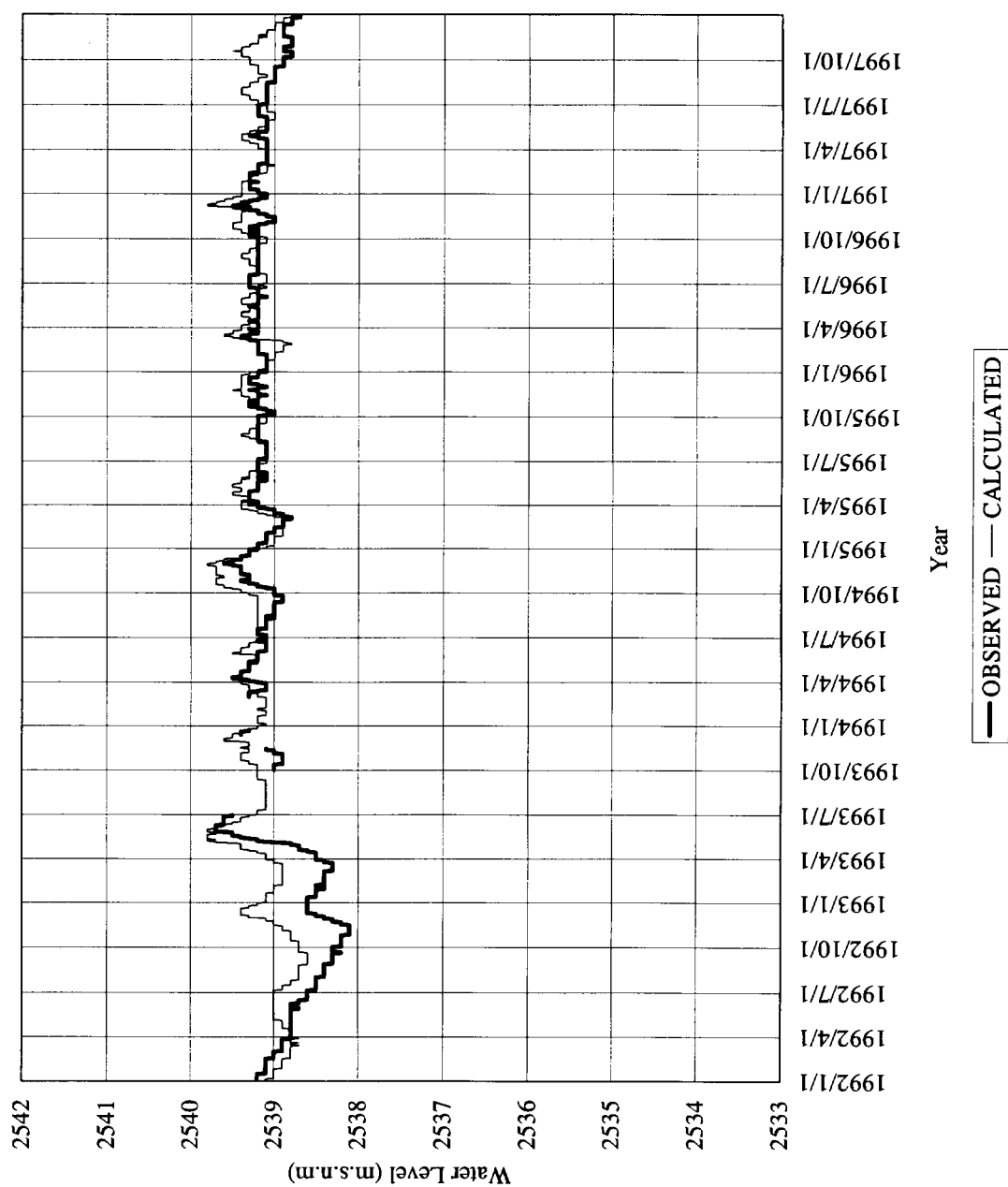


AREA-CAPACITY CURVE OF FUQUENE LAKE

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REGIONAL ENVIRONMENTAL IMPROVEMENT PLAN
FOR THE BASIN OF LAKE FUQUENE

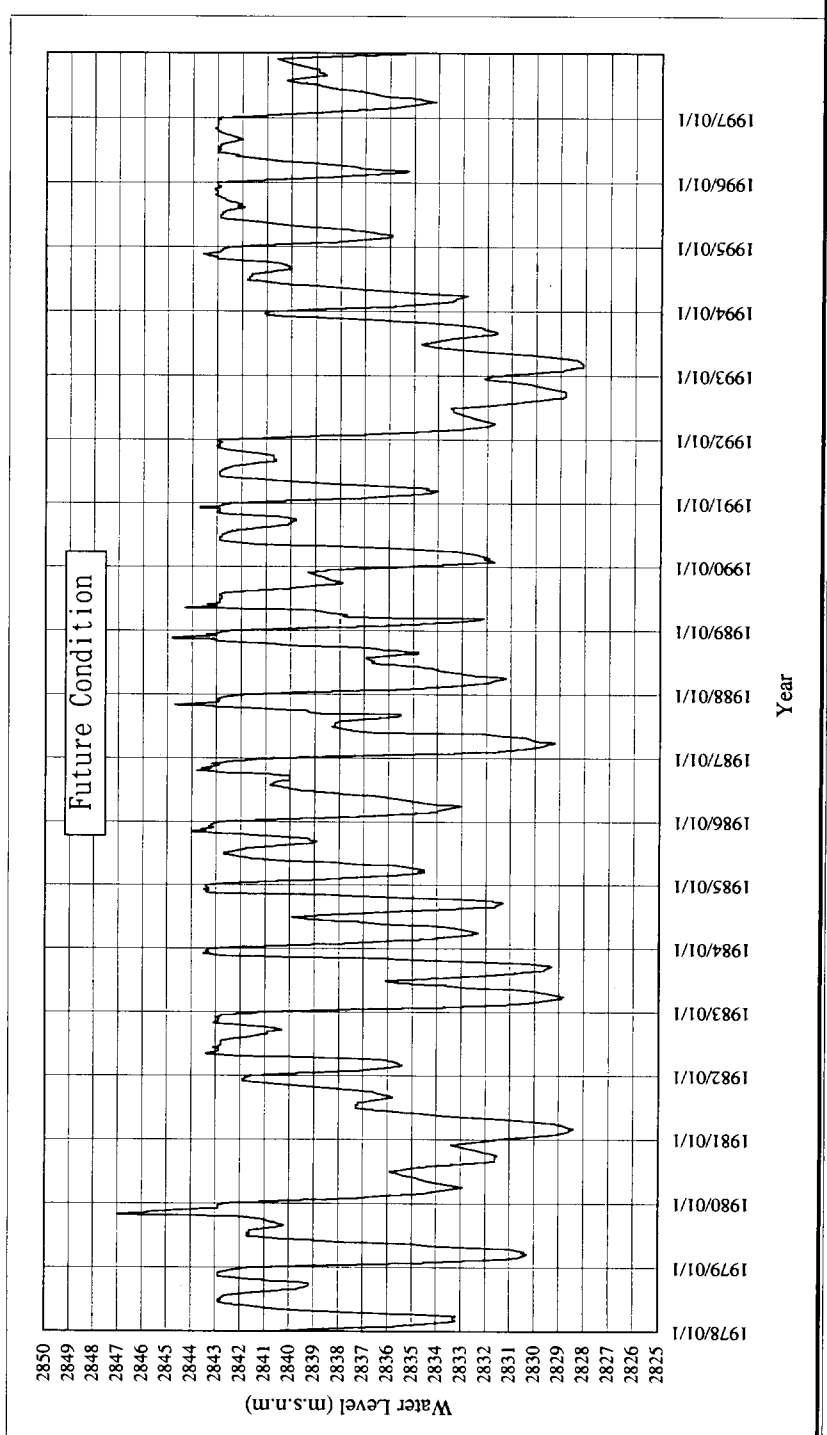
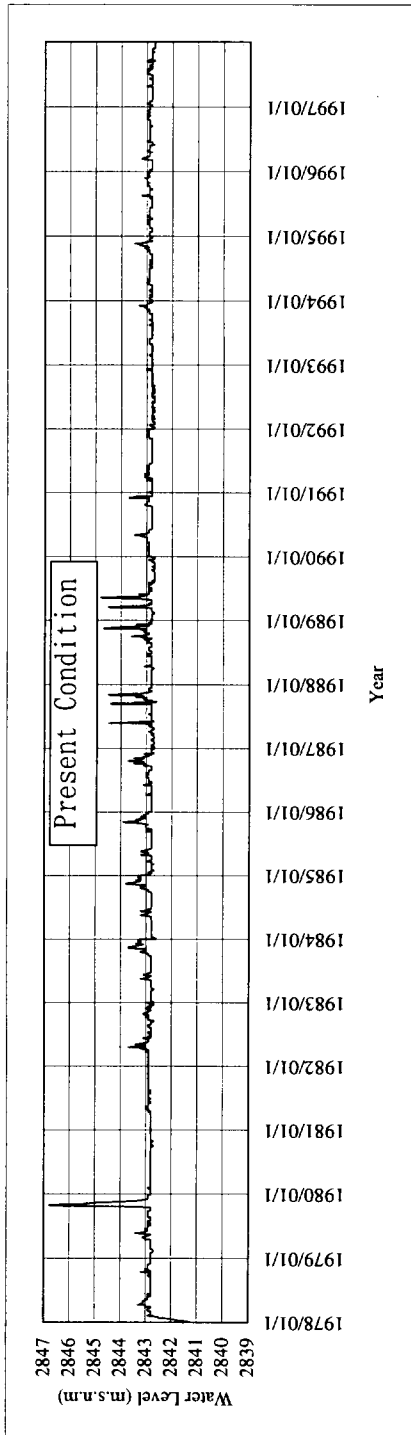
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Fig. 3.6 Area-Capacity Curve



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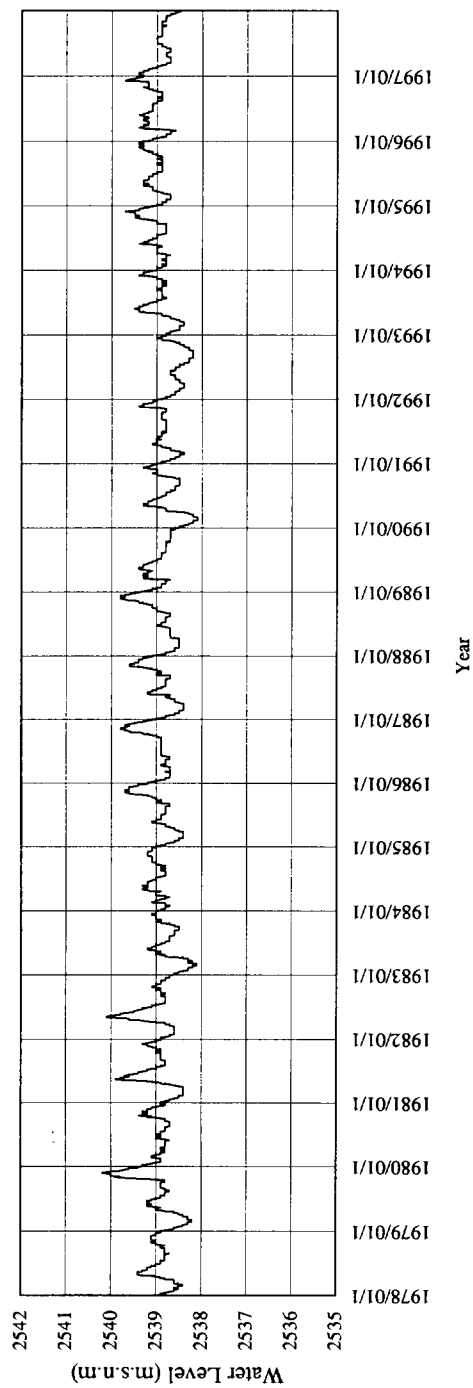
Fig. 3.7 Comparison of Observed and Calculated
Water Level of Fuquene Lake



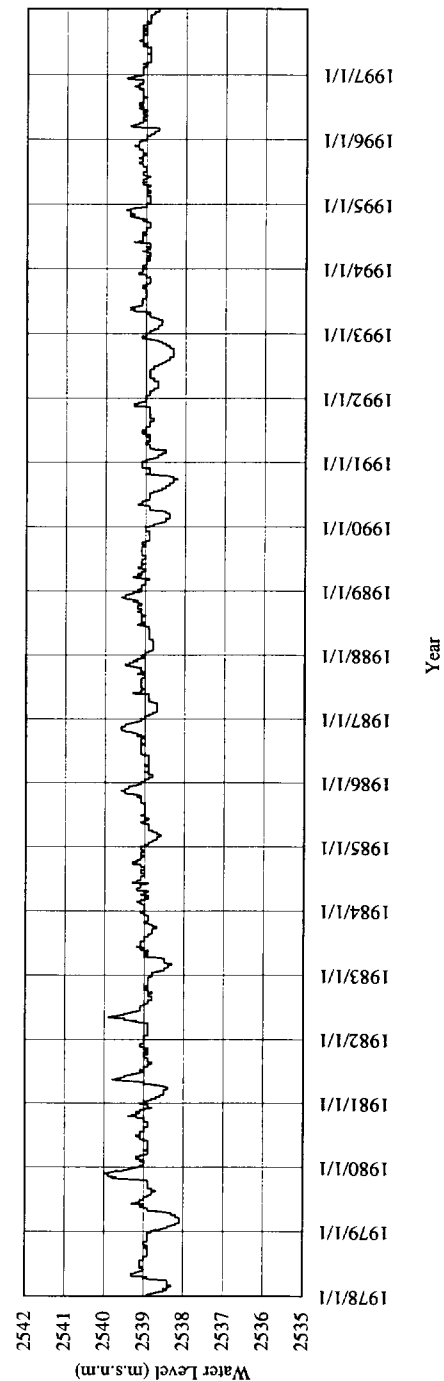
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Fig. 3.8 Simulated Water Level of Hato Dam with
Optimum Operation Rule

Present Condition



Future Condition



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Fig. 3.9 Simulated Water Level of Fuquene Lake with Optimum Operation Rule

