

## Marudhanadhi Dam

Location	10.2603° N, 77.6933° E
State	Tamil Nadu
Nearest City	Dindigul
Year of Completion	1979
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Marudhanadhi
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.4 m
Dam length	808.0 m
Reservoir Area	725000.0 m <sup>2</sup>
Gross storage capacity	5340000.0 m <sup>3</sup>
Effective storage capacity	5111200.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	55.0 km <sup>2</sup>
Perimeter of catchment	31.4 km
Basin Length	10728.0 m
Form factor	0.47796
Circularity ratio	0.70311
Elongation ratio	0.77984
Highest Stream order	6
Max elevation	2038.0 m
Min elevation	310.0 m
Mean bifurcation ratio	2.6915
Stream frequency	89.4720 per km <sup>2</sup>
Relief	1728.00 m
Drainage density	14.0290 km/km <sup>2</sup>
Length of overland flow	35.640 m

## CATCHMENT CLIMATOLOGY

