

## Mettur Dam

Location	11.8019° N, 77.8103° E
State	Tamil Nadu
Nearest City	Mettur
Year of Completion	1934
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	Cauvery
Dam Type	Masonry Gravity
Height above lowest foundation level	70.4 m
Dam length	1615.4 m
Reservoir Area	153460000.0 m <sup>2</sup>
Gross storage capacity	2708764000.0 m <sup>3</sup>
Effective storage capacity	2647000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	42907.0 km <sup>2</sup>
Perimeter of catchment	1606.1 km
Basin Length	300510.0 m
Form factor	0.47513
Circularity ratio	0.20909
Elongation ratio	0.77753
Highest Stream order	10
Max elevation	1984.0 m
Min elevation	149.0 m
Mean bifurcation ratio	2.1732
Stream frequency	75.7070 per km <sup>2</sup>
Relief	1835.00 m
Drainage density	11.0050 km/km <sup>2</sup>
Length of overland flow	45.435 m

## CATCHMENT CLIMATOLOGY

