

## Pambar Dam

Location	12.2639° N, 78.5675° E
State	Tamil Nadu
Nearest City	Uthangarai
Year of Completion	1983
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Pambar
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	652.0 m
Reservoir Area	2430000.0 m <sup>2</sup>
Gross storage capacity	7930000.0 m <sup>3</sup>
Effective storage capacity	7020000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1726.2 km <sup>2</sup>
Perimeter of catchment	223.7 km
Basin Length	56999.0 m
Form factor	0.53131
Circularity ratio	0.43350
Elongation ratio	0.82221
Highest Stream order	8
Max elevation	1319.0 m
Min elevation	307.0 m
Mean bifurcation ratio	2.6778
Stream frequency	73.5200 per km <sup>2</sup>
Relief	1012.00 m
Drainage density	10.4510 km/km <sup>2</sup>
Length of overland flow	47.845 m

## CATCHMENT CLIMATOLOGY

