

## Pillur Dam

<b>Location</b>	11.2594° N, 76.8056° E
<b>State</b>	Tamil Nadu
<b>Nearest City</b>	Mettupalayam
<b>Year of Completion</b>	1967
<b>Operated and Maintained by</b>	Tamil Nadu Electricity Generation and Distribution Corporation
<b>River Basin</b>	Cauvery
<b>River</b>	Bhavani.
<b>Dam Type</b>	Masonry Gravity
<b>Height above lowest foundation level</b>	88.0 m
<b>Dam length</b>	357.0 m
<b>Reservoir Area</b>	2600000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	44400000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	34970000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	1220.5 km <sup>2</sup>
<b>Perimeter of catchment</b>	211.6 km
<b>Basin Length</b>	44577.0 m
<b>Form factor</b>	0.61420
<b>Circularity ratio</b>	0.34270
<b>Elongation ratio</b>	0.88403
<b>Highest Stream order</b>	8
<b>Max elevation</b>	2598.0 m
<b>Min elevation</b>	363.0 m
<b>Mean bifurcation ratio</b>	2.5300
<b>Stream frequency</b>	82.0130 per km <sup>2</sup>
<b>Relief</b>	2235.00 m
<b>Drainage density</b>	12.4750 km/km <sup>2</sup>
<b>Length of overland flow</b>	40.080 m

## CATCHMENT CLIMATOLOGY

