

## Maravakandy Dam

<b>Location</b>	11.5742° N, 76.6539° E
<b>State</b>	Tamil Nadu
<b>Nearest City</b>	Uthagamandalam
<b>Year of Completion</b>	1947
<b>Operated and Maintained by</b>	Tamil Nadu Electricity Generation and Distribution Corporation
<b>River Basin</b>	Cauvery
<b>River</b>	Aravarihalla
<b>Dam Type</b>	Masonry Gravity
<b>Height above lowest foundation level</b>	22.0 m
<b>Dam length</b>	415.0 m
<b>Reservoir Area</b>	113614.0 m <sup>2</sup>
<b>Gross storage capacity</b>	822000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	22.4 km <sup>2</sup>
<b>Perimeter of catchment</b>	21.8 km
<b>Basin Length</b>	7810.2 m
<b>Form factor</b>	0.36699
<b>Circularity ratio</b>	0.58970
<b>Elongation ratio</b>	0.68334
<b>Highest Stream order</b>	5
<b>Max elevation</b>	2162.0 m
<b>Min elevation</b>	901.0 m
<b>Mean bifurcation ratio</b>	3.0239
<b>Stream frequency</b>	85.7230 per km <sup>2</sup>
<b>Relief</b>	1261.00 m
<b>Drainage density</b>	13.1050 km/km <sup>2</sup>
<b>Length of overland flow</b>	38.152 m

## CATCHMENT CLIMATOLOGY

