

## Glenmorgan Dam

<b>Location</b>	11.5064° N, 76.6031° E
<b>State</b>	Tamil Nadu
<b>Nearest City</b>	Uthagamandalam
<b>Year of Completion</b>	1930
<b>Operated and Maintained by</b>	Tamil Nadu Electricity Generation and Distribution Corporation
<b>River Basin</b>	Cauvery
<b>River</b>	Glenmorgan Stream
<b>Dam Type</b>	Masonry Gravity
<b>Height above lowest foundation level</b>	16.0 m
<b>Dam length</b>	80.0 m
<b>Reservoir Area</b>	347128.0 m <sup>2</sup>
<b>Gross storage capacity</b>	m <sup>3</sup>
<b>Effective storage capacity</b>	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	4.4 km <sup>2</sup>
<b>Perimeter of catchment</b>	9.3 km
<b>Basin Length</b>	2652.6 m
<b>Form factor</b>	0.63196
<b>Circularity ratio</b>	0.64202
<b>Elongation ratio</b>	0.89671
<b>Highest Stream order</b>	4
<b>Max elevation</b>	2179.0 m
<b>Min elevation</b>	1902.0 m
<b>Mean bifurcation ratio</b>	2.3386
<b>Stream frequency</b>	70.1630 per km <sup>2</sup>
<b>Relief</b>	277.00 m
<b>Drainage density</b>	9.2560 km/km <sup>2</sup>
<b>Length of overland flow</b>	54.019 m

## CATCHMENT CLIMATOLOGY

