

## Western Catchment Weir-Iii Dam

<b>Location</b>	11.3332° N, 76.5516° E
<b>State</b>	Tamil Nadu
<b>Nearest City</b>	Uthagamandalam
<b>Year of Completion</b>	1966
<b>Operated and Maintained by</b>	Tamil Nadu Electricity Generation and Distribution Corporation
<b>River Basin</b>	West Coast
<b>River</b>	Karampuzha
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	26.0 m
<b>Dam length</b>	92.0 m
<b>Reservoir Area</b>	9248.0 m <sup>2</sup>
<b>Gross storage capacity</b>	60000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	5.2 km <sup>2</sup>
<b>Perimeter of catchment</b>	12.0 km
<b>Basin Length</b>	2930.3 m
<b>Form factor</b>	0.60648
<b>Circularity ratio</b>	0.45646
<b>Elongation ratio</b>	0.87845
<b>Highest Stream order</b>	4
<b>Max elevation</b>	2551.0 m
<b>Min elevation</b>	2303.0 m
<b>Mean bifurcation ratio</b>	3.4223
<b>Stream frequency</b>	71.0510 per km <sup>2</sup>
<b>Relief</b>	248.00 m
<b>Drainage density</b>	9.3060 km/km <sup>2</sup>
<b>Length of overland flow</b>	53.730 m

## CATCHMENT CLIMATOLOGY

