

## Avalanche Dam

<b>Location</b>	11.3203° N, 76.6156° E
<b>State</b>	Tamil Nadu
<b>Nearest City</b>	Uthagamandalam
<b>Year of Completion</b>	1961
<b>Operated and Maintained by</b>	Tamil Nadu Electricity Generation and Distribution Corporation
<b>River Basin</b>	Cauvery
<b>River</b>	Avalanche Emerald Stream
<b>Dam Type</b>	Composite Masonry and Earth fill
<b>Height above lowest foundation level</b>	m
<b>Dam length</b>	m
<b>Reservoir Area</b>	8060000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	156200000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	31.3 km <sup>2</sup>
<b>Perimeter of catchment</b>	25.4 km
<b>Basin Length</b>	8260.2 m
<b>Form factor</b>	0.45873
<b>Circularity ratio</b>	0.61046
<b>Elongation ratio</b>	0.76399
<b>Highest Stream order</b>	5
<b>Max elevation</b>	2586.0 m
<b>Min elevation</b>	1924.0 m
<b>Mean bifurcation ratio</b>	2.5118
<b>Stream frequency</b>	82.2370 per km <sup>2</sup>
<b>Relief</b>	662.00 m
<b>Drainage density</b>	12.3120 km/km <sup>2</sup>
<b>Length of overland flow</b>	40.611 m

## CATCHMENT CLIMATOLOGY

