

## Papanasam Div Weir Dam

<b>Location</b>	8.6972° N, 77.3578° E
<b>State</b>	Tamil Nadu
<b>Nearest City</b>	Ambasamudaram
<b>Year of Completion</b>	1944
<b>Operated and Maintained by</b>	Tamil Nadu Electricity Generation and Distribution Corporation
<b>River Basin</b>	South Coast
<b>River</b>	Ghataprabha
<b>Dam Type</b>	Masonry Gravity
<b>Height above lowest foundation level</b>	18.0 m
<b>Dam length</b>	409.0 m
<b>Reservoir Area</b>	382272.0 m <sup>2</sup>
<b>Gross storage capacity</b>	1387000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	790000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	323.5 km <sup>2</sup>
<b>Perimeter of catchment</b>	90.4 km
<b>Basin Length</b>	21546.0 m
<b>Form factor</b>	0.69685
<b>Circularity ratio</b>	0.49724
<b>Elongation ratio</b>	0.94162
<b>Highest Stream order</b>	7
<b>Max elevation</b>	1748.0 m
<b>Min elevation</b>	168.0 m
<b>Mean bifurcation ratio</b>	2.3967
<b>Stream frequency</b>	85.0040 per km <sup>2</sup>
<b>Relief</b>	1580.00 m
<b>Drainage density</b>	13.1980 km/km <sup>2</sup>
<b>Length of overland flow</b>	37.885 m

## CATCHMENT CLIMATOLOGY

