

## Dhanikhari Dam

<b>Location</b>	11.5719° N, 92.6764° E
<b>State</b>	Andman and Nicobar Island
<b>Nearest City</b>	Port Blair
<b>Year of Completion</b>	1973
<b>Operated and Maintained by</b>	Andaman and Nicobar Islands Water Resources Department
<b>River Basin</b>	Drainage area of Andaman and Nicobar Islands
<b>River</b>	Dhanikhari
<b>Dam Type</b>	Other
<b>Height above lowest foundation level</b>	37.3 m
<b>Dam length</b>	132.0 m
<b>Reservoir Area</b>	611.5 m <sup>2</sup>
<b>Gross storage capacity</b>	5193.8 m <sup>3</sup>
<b>Effective storage capacity</b>	4369.8 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	10.6 km <sup>2</sup>
<b>Perimeter of catchment</b>	16.7 km
<b>Basin Length</b>	5557.5 m
<b>Form factor</b>	0.34395
<b>Circularity ratio</b>	0.47690
<b>Elongation ratio</b>	0.66154
<b>Highest Stream order</b>	5
<b>Max elevation</b>	300.0 m
<b>Min elevation</b>	41.0 m
<b>Mean bifurcation ratio</b>	2.5879
<b>Stream frequency</b>	77.6620 per km <sup>2</sup>
<b>Relief</b>	259.00 m
<b>Drainage density</b>	10.9010 km/km <sup>2</sup>
<b>Length of overland flow</b>	45.869 m

## CATCHMENT CLIMATOLOGY

Data not available.