

## Thumbalahalli Dam

Location	12.3031° N, 78.1547° E
State	Tamil Nadu
Nearest City	Palakkodu
Year of Completion	1983
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Poolapatti
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.6 m
Dam length	1054.0 m
Reservoir Area	1930000.0 m <sup>2</sup>
Gross storage capacity	3710000.0 m <sup>3</sup>
Effective storage capacity	3400000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	236.8 km <sup>2</sup>
Perimeter of catchment	80.4 km
Basin Length	26455.0 m
Form factor	0.33836
Circularity ratio	0.46061
Elongation ratio	0.65615
Highest Stream order	7
Max elevation	884.0 m
Min elevation	456.0 m
Mean bifurcation ratio	2.3313
Stream frequency	73.9020 per km <sup>2</sup>
Relief	428.00 m
Drainage density	10.5570 km/km <sup>2</sup>
Length of overland flow	47.361 m

## CATCHMENT CLIMATOLOGY

