

## Uduthorehalla Dam

Location	12.0000° N, 77.3292° E
State	Karnataka
Nearest City	Kollegal
Year of Completion	2009
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Uduthorehalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	46.0 m
Dam length	1530.0 m
Reservoir Area	1250000.0 m <sup>2</sup>
Gross storage capacity	18969000.0 m <sup>3</sup>
Effective storage capacity	15147000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	197.0 km <sup>2</sup>
Perimeter of catchment	102.6 km
Basin Length	38678.0 m
Form factor	0.13165
Circularity ratio	0.23535
Elongation ratio	0.40928
Highest Stream order	6
Max elevation	1789.0 m
Min elevation	671.0 m
Mean bifurcation ratio	2.3729
Stream frequency	83.2560 per km <sup>2</sup>
Relief	1118.00 m
Drainage density	12.6530 km/km <sup>2</sup>
Length of overland flow	39.515 m

## CATCHMENT CLIMATOLOGY

