

## Chiklihole Dam

Location	12.3981° N, 75.8772° E
State	Karnataka
Nearest City	Somavarapet
Year of Completion	1985
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Chiklihole
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.3 m
Dam length	464.8 m
Reservoir Area	1072400.0 m <sup>2</sup>
Gross storage capacity	5097000.0 m <sup>3</sup>
Effective storage capacity	4729000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	56.0 km <sup>2</sup>
Perimeter of catchment	38.9 km
Basin Length	14504.0 m
Form factor	0.26643
Circularity ratio	0.46589
Elongation ratio	0.58224
Highest Stream order	6
Max elevation	1326.0 m
Min elevation	854.0 m
Mean bifurcation ratio	2.4290
Stream frequency	76.2740 per km <sup>2</sup>
Relief	472.00 m
Drainage density	11.0880 km/km <sup>2</sup>
Length of overland flow	45.096 m

## CATCHMENT CLIMATOLOGY

