

Chickkahole Dam

Location	11.8341° N, 76.9886° E
State	Karnataka
Nearest City	Chamarajnagar
Year of Completion	1958
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Chikkahole
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.5 m
Dam length	756.0 m
Reservoir Area	1620000.0 m ²
Gross storage capacity	10648000.0 m ³
Effective storage capacity	10534000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	409.6 km ²
Perimeter of catchment	117.1 km
Basin Length	29776.0 m
Form factor	0.46202
Circularity ratio	0.37559
Elongation ratio	0.76673
Highest Stream order	7
Max elevation	1398.0 m
Min elevation	729.0 m
Mean bifurcation ratio	2.3086
Stream frequency	78.8790 per km ²
Relief	669.00 m
Drainage density	11.6720 km/km ²
Length of overland flow	42.838 m

CATCHMENT CLIMATOLOGY

