

## Harinala Dam

Location	15.8064° N, 74.7167° E
State	Karnataka
Nearest City	Sampgaon
Year of Completion	2004
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Harinala
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.4 m
Dam length	3120.0 m
Reservoir Area	3900000.0 m <sup>2</sup>
Gross storage capacity	13790304.0 m <sup>3</sup>
Effective storage capacity	12062977.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	69.8 km <sup>2</sup>
Perimeter of catchment	49.2 km
Basin Length	20112.0 m
Form factor	0.17255
Circularity ratio	0.36175
Elongation ratio	0.46856
Highest Stream order	5
Max elevation	893.0 m
Min elevation	663.0 m
Mean bifurcation ratio	2.4830
Stream frequency	88.0150 per km <sup>2</sup>
Relief	230.00 m
Drainage density	13.4590 km/km <sup>2</sup>
Length of overland flow	37.149 m

## CATCHMENT CLIMATOLOGY

