

## Hesaraghatta Reservoir Dam

Location	13.1422° N, 77.4889° E
State	Karnataka
Nearest City	Bangalore
Year of Completion	1896
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Arkavathy
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	1560.0 m
Reservoir Area	405858.0 m <sup>2</sup>
Gross storage capacity	29591000.0 m <sup>3</sup>
Effective storage capacity	114400.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	407.1 km <sup>2</sup>
Perimeter of catchment	111.2 km
Basin Length	34275.0 m
Form factor	0.34651
Circularity ratio	0.41359
Elongation ratio	0.66400
Highest Stream order	7
Max elevation	1416.0 m
Min elevation	849.0 m
Mean bifurcation ratio	2.2210
Stream frequency	75.5930 per km <sup>2</sup>
Relief	567.00 m
Drainage density	10.8430 km/km <sup>2</sup>
Length of overland flow	46.112 m

## CATCHMENT CLIMATOLOGY

