

## Hemavathy Dam

Location	12.8222° N, 76.0528° E
State	Karnataka
Nearest City	Hassan
Year of Completion	1979
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Hemavathy
Dam Type	Earthfill Embankment
Height above lowest foundation level	58.5 m
Dam length	4692.0 m
Reservoir Area	22640000.0 m <sup>2</sup>
Gross storage capacity	1050630000.0 m <sup>3</sup>
Effective storage capacity	1012610000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2904.7 km <sup>2</sup>
Perimeter of catchment	358.4 km
Basin Length	75971.0 m
Form factor	0.50328
Circularity ratio	0.28427
Elongation ratio	0.80023
Highest Stream order	9
Max elevation	1829.0 m
Min elevation	856.0 m
Mean bifurcation ratio	20.2630
Stream frequency	74.8970 per km <sup>2</sup>
Relief	973.00 m
Drainage density	10.7920 km/km <sup>2</sup>
Length of overland flow	46.330 m

## CATCHMENT CLIMATOLOGY

