

## Hipparagi Barrage Dam

Location	16.5525° N, 75.1658° E
State	Karnataka
Nearest City	Hipparagi
Year of Completion	2004
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Krishna
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.0 m
Dam length	5783.0 m
Reservoir Area	29980000.0 m <sup>2</sup>
Gross storage capacity	169901080.0 m <sup>3</sup>
Effective storage capacity	147247602.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21676.0 km <sup>2</sup>
Perimeter of catchment	912.8 km
Basin Length	239720.0 m
Form factor	0.37720
Circularity ratio	0.32701
Elongation ratio	0.69278
Highest Stream order	9
Max elevation	1428.0 m
Min elevation	497.0 m
Mean bifurcation ratio	2.1886
Stream frequency	78.4730 per km <sup>2</sup>
Relief	931.00 m
Drainage density	11.3560 km/km <sup>2</sup>
Length of overland flow	44.030 m

## CATCHMENT CLIMATOLOGY

