

## Gerusoppa Dam

Location	14.2508° N, 74.6764° E
State	Karnataka
Nearest City	Honnavar
Year of Completion	2000
Operated and Maintained by	Karnataka Water Resources Department
River Basin	West Coast
River	Sharavathi.
Dam Type	Other
Height above lowest foundation level	62.0 m
Dam length	421.0 m
Reservoir Area	5980000.0 m <sup>2</sup>
Gross storage capacity	131461000.0 m <sup>3</sup>
Effective storage capacity	58210000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2179.7 km <sup>2</sup>
Perimeter of catchment	314.1 km
Basin Length	79936.0 m
Form factor	0.34112
Circularity ratio	0.27771
Elongation ratio	0.65882
Highest Stream order	9
Max elevation	1064.0 m
Min elevation	-2.0 m
Mean bifurcation ratio	2.6413
Stream frequency	75.8230 per km <sup>2</sup>
Relief	1066.00 m
Drainage density	10.9550 km/km <sup>2</sup>
Length of overland flow	45.640 m

## CATCHMENT CLIMATOLOGY

