

## Malavar Dam

Location	23.8353° N, 77.0589° E
State	Madhya Pradesh
Nearest City	Biaora
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	762.0 m
Reservoir Area	290000.0 m <sup>2</sup>
Gross storage capacity	1081000.0 m <sup>3</sup>
Effective storage capacity	1006000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.0 km <sup>2</sup>
Perimeter of catchment	7.2 km
Basin Length	2211.3 m
Form factor	0.40926
Circularity ratio	0.48118
Elongation ratio	0.72162
Highest Stream order	4
Max elevation	540.0 m
Min elevation	458.0 m
Mean bifurcation ratio	2.3940
Stream frequency	85.9450 per km <sup>2</sup>
Relief	82.00 m
Drainage density	11.4280 km/km <sup>2</sup>
Length of overland flow	43.753 m

## CATCHMENT CLIMATOLOGY

