

## Bhamoriya Nala Dam

Location	23.5417° N, 74.8333° E
State	Madhya Pradesh
Nearest City	Jaora
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.4 m
Dam length	335.0 m
Reservoir Area	384000.0 m <sup>2</sup>
Gross storage capacity	1836000.0 m <sup>3</sup>
Effective storage capacity	1527000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.5 km <sup>2</sup>
Perimeter of catchment	15.8 km
Basin Length	4937.6 m
Form factor	0.51222
Circularity ratio	0.62962
Elongation ratio	0.80731
Highest Stream order	5
Max elevation	572.0 m
Min elevation	439.0 m
Mean bifurcation ratio	2.8781
Stream frequency	74.8740 per km <sup>2</sup>
Relief	133.00 m
Drainage density	9.6570 km/km <sup>2</sup>
Length of overland flow	51.777 m

## CATCHMENT CLIMATOLOGY

