

## Bharla Dam

Location	23.1208° N, 75.8797° E
State	Madhya Pradesh
Nearest City	Ujjain
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.4 m
Dam length	1320.0 m
Reservoir Area	478000.0 m <sup>2</sup>
Gross storage capacity	1555000.0 m <sup>3</sup>
Effective storage capacity	1113000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	50.8 km <sup>2</sup>
Perimeter of catchment	35.7 km
Basin Length	11319.0 m
Form factor	0.39641
Circularity ratio	0.50156
Elongation ratio	0.71020
Highest Stream order	6
Max elevation	537.0 m
Min elevation	491.0 m
Mean bifurcation ratio	2.5085
Stream frequency	76.0390 per km <sup>2</sup>
Relief	46.00 m
Drainage density	10.1630 km/km <sup>2</sup>
Length of overland flow	49.199 m

## CATCHMENT CLIMATOLOGY

