

## Bardevla Dam

Location	22.0458° N, 75.5664° E
State	Madhya Pradesh
Nearest City	Kasrawad
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.5 m
Dam length	480.0 m
Reservoir Area	380000.0 m <sup>2</sup>
Gross storage capacity	1440000.0 m <sup>3</sup>
Effective storage capacity	1011000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.8 km <sup>2</sup>
Perimeter of catchment	11.0 km
Basin Length	3625.6 m
Form factor	0.44314
Circularity ratio	0.60056
Elongation ratio	0.75089
Highest Stream order	5
Max elevation	281.0 m
Min elevation	197.0 m
Mean bifurcation ratio	2.1813
Stream frequency	78.2850 per km <sup>2</sup>
Relief	84.00 m
Drainage density	10.4380 km/km <sup>2</sup>
Length of overland flow	47.904 m

## CATCHMENT CLIMATOLOGY

