

## Badera Dam

Location	23.3225° N, 80.0644° E
State	Madhya Pradesh
Nearest City	Jabalpur
Year of Completion	1920
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.7 m
Dam length	356.0 m
Reservoir Area	135000.0 m <sup>2</sup>
Gross storage capacity	4116000.0 m <sup>3</sup>
Effective storage capacity	4109000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.3 km <sup>2</sup>
Perimeter of catchment	17.3 km
Basin Length	5707.6 m
Form factor	0.43937
Circularity ratio	0.60313
Elongation ratio	0.74769
Highest Stream order	5
Max elevation	512.0 m
Min elevation	394.0 m
Mean bifurcation ratio	2.1942
Stream frequency	73.0090 per km <sup>2</sup>
Relief	118.00 m
Drainage density	9.5100 km/km <sup>2</sup>
Length of overland flow	52.574 m

## CATCHMENT CLIMATOLOGY

