

## Hathidagar Dam

Location	22.3225° N, 75.7650° E
State	Madhya Pradesh
Nearest City	Maheshwar
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	435.0 m
Reservoir Area	52000.0 m <sup>2</sup>
Gross storage capacity	1231000.0 m <sup>3</sup>
Effective storage capacity	1109000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.7 km <sup>2</sup>
Perimeter of catchment	13.5 km
Basin Length	5288.2 m
Form factor	0.23844
Circularity ratio	0.45991
Elongation ratio	0.55081
Highest Stream order	5
Max elevation	741.0 m
Min elevation	265.0 m
Mean bifurcation ratio	5.4556
Stream frequency	85.6330 per km <sup>2</sup>
Relief	476.00 m
Drainage density	12.2910 km/km <sup>2</sup>
Length of overland flow	40.681 m

## CATCHMENT CLIMATOLOGY

