

## Bhawanikheda Dam

Location	23.8544° N, 78.1550° E
State	Madhya Pradesh
Nearest City	Basoda
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	330.0 m
Reservoir Area	955000.0 m <sup>2</sup>
Gross storage capacity	2450000.0 m <sup>3</sup>
Effective storage capacity	2282000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.8 km <sup>2</sup>
Perimeter of catchment	10.8 km
Basin Length	3397.2 m
Form factor	0.58778
Circularity ratio	0.72753
Elongation ratio	0.86480
Highest Stream order	5
Max elevation	529.0 m
Min elevation	435.0 m
Mean bifurcation ratio	2.4322
Stream frequency	84.6190 per km <sup>2</sup>
Relief	94.00 m
Drainage density	11.7890 km/km <sup>2</sup>
Length of overland flow	42.413 m

## CATCHMENT CLIMATOLOGY

