

## Bhamat Dam

Location	23.3928° N, 74.8678° E
State	Madhya Pradesh
Nearest City	Sailana
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.5 m
Dam length	370.0 m
Reservoir Area	428000.0 m <sup>2</sup>
Gross storage capacity	2770000.0 m <sup>3</sup>
Effective storage capacity	2470000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.5 km <sup>2</sup>
Perimeter of catchment	14.1 km
Basin Length	4681.7 m
Form factor	0.52281
Circularity ratio	0.72316
Elongation ratio	0.81560
Highest Stream order	5
Max elevation	548.0 m
Min elevation	423.0 m
Mean bifurcation ratio	2.5154
Stream frequency	77.3180 per km <sup>2</sup>
Relief	125.00 m
Drainage density	10.3200 km/km <sup>2</sup>
Length of overland flow	48.450 m

## CATCHMENT CLIMATOLOGY

