

## Barbatpur Dam

Location	23.1375° N, 77.7206° E
State	Madhya Pradesh
Nearest City	Goharganj
Year of Completion	1957
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	800.0 m
Reservoir Area	370000.0 m <sup>2</sup>
Gross storage capacity	1031000.0 m <sup>3</sup>
Effective storage capacity	963000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km <sup>2</sup>
Perimeter of catchment	6.8 km
Basin Length	1717.7 m
Form factor	0.76562
Circularity ratio	0.61932
Elongation ratio	0.98700
Highest Stream order	4
Max elevation	526.0 m
Min elevation	457.0 m
Mean bifurcation ratio	2.6028
Stream frequency	85.4360 per km <sup>2</sup>
Relief	69.00 m
Drainage density	11.6790 km/km <sup>2</sup>
Length of overland flow	42.811 m

## CATCHMENT CLIMATOLOGY

