

## Barbuspur Dam

Location	22.8122° N, 80.2917° E
State	Madhya Pradesh
Nearest City	Niwas
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	510.0 m
Reservoir Area	208170.0 m <sup>2</sup>
Gross storage capacity	700000.0 m <sup>3</sup>
Effective storage capacity	672000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km <sup>2</sup>
Perimeter of catchment	6.6 km
Basin Length	2068.7 m
Form factor	0.60084
Circularity ratio	0.73498
Elongation ratio	0.87435
Highest Stream order	3
Max elevation	549.0 m
Min elevation	430.0 m
Mean bifurcation ratio	2.8612
Stream frequency	85.1740 per km <sup>2</sup>
Relief	119.00 m
Drainage density	11.5550 km/km <sup>2</sup>
Length of overland flow	43.270 m

## CATCHMENT CLIMATOLOGY

