

## Barbuspur Dam

Location	22.6106° N, 80.4317° E
State	Madhya Pradesh
Nearest City	Mandla
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	11.9 m
Dam length	509.0 m
Reservoir Area	431000.0 m <sup>2</sup>
Gross storage capacity	1550000.0 m <sup>3</sup>
Effective storage capacity	1450000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.1 km <sup>2</sup>
Perimeter of catchment	9.3 km
Basin Length	3108.7 m
Form factor	0.42698
Circularity ratio	0.60349
Elongation ratio	0.73708
Highest Stream order	4
Max elevation	576.0 m
Min elevation	459.0 m
Mean bifurcation ratio	3.5213
Stream frequency	83.1250 per km <sup>2</sup>
Relief	117.00 m
Drainage density	11.3130 km/km <sup>2</sup>
Length of overland flow	44.197 m

## CATCHMENT CLIMATOLOGY

