

## Gopinathpur Dam

Location	22.2111° N, 78.0225° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	2004
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.9 m
Dam length	750.0 m
Reservoir Area	319821.0 m <sup>2</sup>
Gross storage capacity	m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.8 km <sup>2</sup>
Perimeter of catchment	13.2 km
Basin Length	4494.7 m
Form factor	0.38782
Circularity ratio	0.56195
Elongation ratio	0.70247
Highest Stream order	5
Max elevation	440.0 m
Min elevation	403.0 m
Mean bifurcation ratio	16.3040
Stream frequency	71.2210 per km <sup>2</sup>
Relief	37.00 m
Drainage density	9.2240 km/km <sup>2</sup>
Length of overland flow	54.208 m

## CATCHMENT CLIMATOLOGY

