

## Gondigoulla Dam

Location	21.7933° N, 77.9494° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Tapi
River	Salegaon Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	629.0 m
Reservoir Area	324000.0 m <sup>2</sup>
Gross storage capacity	1524000.0 m <sup>3</sup>
Effective storage capacity	1137000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.6 km <sup>2</sup>
Perimeter of catchment	12.8 km
Basin Length	4618.2 m
Form factor	0.26304
Circularity ratio	0.43094
Elongation ratio	0.57852
Highest Stream order	4
Max elevation	789.0 m
Min elevation	665.0 m
Mean bifurcation ratio	3.0662
Stream frequency	74.1520 per km <sup>2</sup>
Relief	124.00 m
Drainage density	9.7810 km/km <sup>2</sup>
Length of overland flow	51.121 m

## CATCHMENT CLIMATOLOGY

