

## Gopaldas Dam

Location	24.3939° N, 81.8706° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	870.0 m
Reservoir Area	836000.0 m <sup>2</sup>
Gross storage capacity	1646000.0 m <sup>3</sup>
Effective storage capacity	1459000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	44.3 km <sup>2</sup>
Perimeter of catchment	33.9 km
Basin Length	10770.0 m
Form factor	0.38170
Circularity ratio	0.48390
Elongation ratio	0.69690
Highest Stream order	6
Max elevation	570.0 m
Min elevation	281.0 m
Mean bifurcation ratio	2.5138
Stream frequency	76.3820 per km <sup>2</sup>
Relief	289.00 m
Drainage density	10.1390 km/km <sup>2</sup>
Length of overland flow	49.317 m

## CATCHMENT CLIMATOLOGY

