

## Karmodia Dam

Location	23.2778° N, 77.7906° E
State	Madhya Pradesh
Nearest City	Raisen
Year of Completion	1975
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Barna
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	286.5 m
Reservoir Area	770000.0 m <sup>2</sup>
Gross storage capacity	5288000.0 m <sup>3</sup>
Effective storage capacity	4558000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.1 km <sup>2</sup>
Perimeter of catchment	16.5 km
Basin Length	6285.4 m
Form factor	0.28064
Circularity ratio	0.51114
Elongation ratio	0.59757
Highest Stream order	5
Max elevation	545.0 m
Min elevation	436.0 m
Mean bifurcation ratio	3.1842
Stream frequency	88.0290 per km <sup>2</sup>
Relief	109.00 m
Drainage density	12.4140 km/km <sup>2</sup>
Length of overland flow	40.276 m

## CATCHMENT CLIMATOLOGY

