

## Guda Dam

Location	22.3658° N, 74.3089° E
State	Madhya Pradesh
Nearest City	Alirajpur
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.5 m
Dam length	570.0 m
Reservoir Area	190000.0 m <sup>2</sup>
Gross storage capacity	516000.0 m <sup>3</sup>
Effective storage capacity	436000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.3 km <sup>2</sup>
Perimeter of catchment	8.6 km
Basin Length	2785.5 m
Form factor	0.55310
Circularity ratio	0.72185
Elongation ratio	0.83890
Highest Stream order	5
Max elevation	335.0 m
Min elevation	272.0 m
Mean bifurcation ratio	2.9058
Stream frequency	75.7290 per km <sup>2</sup>
Relief	63.00 m
Drainage density	9.7790 km/km <sup>2</sup>
Length of overland flow	51.128 m

## CATCHMENT CLIMATOLOGY

