

## Guddikheda Dam

Location	22.6514° N, 78.2203° E
State	Madhya Pradesh
Nearest City	Sohagpur
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	960.0 m
Reservoir Area	394000.0 m <sup>2</sup>
Gross storage capacity	1570000.0 m <sup>3</sup>
Effective storage capacity	1488000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km <sup>2</sup>
Perimeter of catchment	10.1 km
Basin Length	3628.3 m
Form factor	0.29040
Circularity ratio	0.47205
Elongation ratio	0.60787
Highest Stream order	4
Max elevation	434.0 m
Min elevation	344.0 m
Mean bifurcation ratio	2.3924
Stream frequency	80.5660 per km <sup>2</sup>
Relief	90.00 m
Drainage density	10.7880 km/km <sup>2</sup>
Length of overland flow	46.350 m

## CATCHMENT CLIMATOLOGY

