

## Ametha Dam

Location	23.5608° N, 80.4481° E
State	Madhya Pradesh
Nearest City	Katni
Year of Completion	1918
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	1097.0 m
Reservoir Area	27831.0 m <sup>2</sup>
Gross storage capacity	7340000.0 m <sup>3</sup>
Effective storage capacity	7090000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.4 km <sup>2</sup>
Perimeter of catchment	7.5 km
Basin Length	2844.1 m
Form factor	0.30073
Circularity ratio	0.54627
Elongation ratio	0.61858
Highest Stream order	4
Max elevation	538.0 m
Min elevation	444.0 m
Mean bifurcation ratio	3.0013
Stream frequency	82.6270 per km <sup>2</sup>
Relief	94.00 m
Drainage density	10.6030 km/km <sup>2</sup>
Length of overland flow	47.155 m

## CATCHMENT CLIMATOLOGY

