

## Amba Dam

Location	22.6619° N, 74.7342° E
State	Madhya Pradesh
Nearest City	Jhabua
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	650.0 m
Reservoir Area	130000.0 m <sup>2</sup>
Gross storage capacity	640000.0 m <sup>3</sup>
Effective storage capacity	576000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.4 km <sup>2</sup>
Perimeter of catchment	8.3 km
Basin Length	3331.1 m
Form factor	0.30809
Circularity ratio	0.62296
Elongation ratio	0.62611
Highest Stream order	3
Max elevation	494.0 m
Min elevation	413.0 m
Mean bifurcation ratio	2.4621
Stream frequency	69.9120 per km <sup>2</sup>
Relief	81.00 m
Drainage density	8.7430 km/km <sup>2</sup>
Length of overland flow	57.187 m

## CATCHMENT CLIMATOLOGY

