

## Amrabad Dam

Location	23.3036° N, 77.8858° E
State	Madhya Pradesh
Nearest City	Raisen
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	894.0 m
Reservoir Area	1466000.0 m <sup>2</sup>
Gross storage capacity	2650000.0 m <sup>3</sup>
Effective storage capacity	2480000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.3 km <sup>2</sup>
Perimeter of catchment	12.4 km
Basin Length	3311.3 m
Form factor	0.75985
Circularity ratio	0.67738
Elongation ratio	0.98327
Highest Stream order	5
Max elevation	570.0 m
Min elevation	458.0 m
Mean bifurcation ratio	2.2833
Stream frequency	84.4980 per km <sup>2</sup>
Relief	112.00 m
Drainage density	11.7530 km/km <sup>2</sup>
Length of overland flow	42.544 m

## CATCHMENT CLIMATOLOGY

