

## Amlabardia Dam

Location	23.8661° N, 75.9019° E
State	Madhya Pradesh
Nearest City	Agar
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.6 m
Dam length	175.5 m
Reservoir Area	141700.0 m <sup>2</sup>
Gross storage capacity	441000.0 m <sup>3</sup>
Effective storage capacity	389400.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.6 km <sup>2</sup>
Perimeter of catchment	9.2 km
Basin Length	3466.6 m
Form factor	0.37951
Circularity ratio	0.67424
Elongation ratio	0.69490
Highest Stream order	4
Max elevation	518.0 m
Min elevation	479.0 m
Mean bifurcation ratio	2.8544
Stream frequency	74.3320 per km <sup>2</sup>
Relief	39.00 m
Drainage density	9.2820 km/km <sup>2</sup>
Length of overland flow	53.867 m

## CATCHMENT CLIMATOLOGY

