

Amadi Dam

Location	23.8231° N, 80.5600° E
State	Madhya Pradesh
Nearest City	Murwara
Year of Completion	1927
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Amadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	1280.0 m
Reservoir Area	812427.0 m ²
Gross storage capacity	6040000.0 m ³
Effective storage capacity	5621000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.8 km ²
Perimeter of catchment	20.8 km
Basin Length	6616.1 m
Form factor	0.45327
Circularity ratio	0.57376
Elongation ratio	0.75943
Highest Stream order	5
Max elevation	435.0 m
Min elevation	379.0 m
Mean bifurcation ratio	2.2834
Stream frequency	74.3910 per km ²
Relief	56.00 m
Drainage density	9.6490 km/km ²
Length of overland flow	51.817 m

CATCHMENT CLIMATOLOGY

