

Amahi Dam

Location	24.5194° N, 77.6825° E
State	Madhya Pradesh
Nearest City	Ashok Ngr.
Year of Completion	1917
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Akhebarnadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	2700.0 m
Reservoir Area	3000000.0 m ²
Gross storage capacity	11270000.0 m ³
Effective storage capacity	10660000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.8 km ²
Perimeter of catchment	19.1 km
Basin Length	7731.7 m
Form factor	0.24682
Circularity ratio	0.50673
Elongation ratio	0.56040
Highest Stream order	5
Max elevation	532.0 m
Min elevation	474.0 m
Mean bifurcation ratio	2.1601
Stream frequency	79.3630 per km ²
Relief	58.00 m
Drainage density	10.5110 km/km ²
Length of overland flow	47.569 m

CATCHMENT CLIMATOLOGY

