

Bardha Dam

Location	23.8506° N, 77.6061° E
State	Madhya Pradesh
Nearest City	Vidisha
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	11.0 m
Dam length	1035.0 m
Reservoir Area	1078000.0 m ²
Gross storage capacity	3010000.0 m ³
Effective storage capacity	2813000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.4 km ²
Perimeter of catchment	11.8 km
Basin Length	3817.5 m
Form factor	0.57493
Circularity ratio	0.75798
Elongation ratio	0.85530
Highest Stream order	5
Max elevation	524.0 m
Min elevation	461.0 m
Mean bifurcation ratio	2.3217
Stream frequency	85.4570 per km ²
Relief	63.00 m
Drainage density	11.9350 km/km ²
Length of overland flow	41.894 m

CATCHMENT CLIMATOLOGY

