

Ahirkheda Dam

Location	21.9819° N, 75.8797° E
State	Madhya Pradesh
Nearest City	Bhikangaon
Year of Completion	2001
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	460.0 m
Reservoir Area	32800.0 m ²
Gross storage capacity	1200000.0 m ³
Effective storage capacity	905000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km ²
Perimeter of catchment	11.3 km
Basin Length	3575.1 m
Form factor	0.54743
Circularity ratio	0.68328
Elongation ratio	0.83459
Highest Stream order	5
Max elevation	298.0 m
Min elevation	235.0 m
Mean bifurcation ratio	2.2316
Stream frequency	82.0350 per km ²
Relief	63.00 m
Drainage density	11.2430 km/km ²
Length of overland flow	44.473 m

CATCHMENT CLIMATOLOGY

