

Nani Barwani Dam

Location	22.0103° N, 74.8808° E
State	Madhya Pradesh
Nearest City	Barwani
Year of Completion	1988
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	380.0 m
Reservoir Area	120800.0 m ²
Gross storage capacity	589000.0 m ³
Effective storage capacity	530000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.1 km ²
Perimeter of catchment	10.7 km
Basin Length	3920.1 m
Form factor	0.39431
Circularity ratio	0.67019
Elongation ratio	0.70831
Highest Stream order	4
Max elevation	559.0 m
Min elevation	211.0 m
Mean bifurcation ratio	2.6834
Stream frequency	80.5350 per km ²
Relief	348.00 m
Drainage density	10.9290 km/km ²
Length of overland flow	45.750 m

CATCHMENT CLIMATOLOGY

