

Bardia Dam

Location	23.9739° N, 74.7600° E
State	Rajasthan
Nearest City	Pratapgarh
Year of Completion	1977
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Siwana
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.2 m
Dam length	423.1 m
Reservoir Area	420000.0 m ²
Gross storage capacity	1982000.0 m ³
Effective storage capacity	1813000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.3 km ²
Perimeter of catchment	16.0 km
Basin Length	5891.4 m
Form factor	0.35545
Circularity ratio	0.60586
Elongation ratio	0.67251
Highest Stream order	5
Max elevation	527.0 m
Min elevation	438.0 m
Mean bifurcation ratio	2.3725
Stream frequency	78.0560 per km ²
Relief	89.00 m
Drainage density	10.4860 km/km ²
Length of overland flow	47.681 m

CATCHMENT CLIMATOLOGY

Data not available.