

Bardari Dam

Location	19.1150° N, 74.8494° E
State	Maharashtra
Nearest City	Ahmadnagar
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Mehekari
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	420.0 m
Reservoir Area	385000.0 m ²
Gross storage capacity	1860000.0 m ³
Effective storage capacity	1530000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.7 km ²
Perimeter of catchment	24.4 km
Basin Length	8346.1 m
Form factor	0.45503
Circularity ratio	0.66866
Elongation ratio	0.76090
Highest Stream order	6
Max elevation	960.0 m
Min elevation	768.0 m
Mean bifurcation ratio	2.5481
Stream frequency	89.5060 per km ²
Relief	192.00 m
Drainage density	13.6400 km/km ²
Length of overland flow	36.657 m

CATCHMENT CLIMATOLOGY

