

Barki Dam

Location	16.7733° N, 73.8417° E
State	Maharashtra
Nearest City	Shahuwadi
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.7 m
Dam length	335.0 m
Reservoir Area	186500.0 m ²
Gross storage capacity	1642000.0 m ³
Effective storage capacity	1542000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.1 km ²
Perimeter of catchment	13.6 km
Basin Length	3621.6 m
Form factor	0.84328
Circularity ratio	0.75363
Elongation ratio	1.03580
Highest Stream order	5
Max elevation	987.0 m
Min elevation	572.0 m
Mean bifurcation ratio	2.8746
Stream frequency	87.1590 per km ²
Relief	415.00 m
Drainage density	12.9050 km/km ²
Length of overland flow	38.746 m

CATCHMENT CLIMATOLOGY

