

Berda Dam

Location	21.5122° N, 76.9811° E
State	Maharashtra
Nearest City	Melghat
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	455.0 m
Reservoir Area	410000.0 m ²
Gross storage capacity	987000.0 m ³
Effective storage capacity	974000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km ²
Perimeter of catchment	9.5 km
Basin Length	3158.7 m
Form factor	0.37836
Circularity ratio	0.52606
Elongation ratio	0.69385
Highest Stream order	4
Max elevation	439.0 m
Min elevation	356.0 m
Mean bifurcation ratio	2.2902
Stream frequency	77.8780 per km ²
Relief	83.00 m
Drainage density	10.2050 km/km ²
Length of overland flow	48.997 m

CATCHMENT CLIMATOLOGY

