

Badarkha Dam

Location	20.4861° N, 75.1794° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.8 m
Dam length	1411.0 m
Reservoir Area	600000.0 m ²
Gross storage capacity	1595000.0 m ³
Effective storage capacity	1470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	95.8 km ²
Perimeter of catchment	50.4 km
Basin Length	19294.0 m
Form factor	0.25733
Circularity ratio	0.47472
Elongation ratio	0.57221
Highest Stream order	6
Max elevation	935.0 m
Min elevation	308.0 m
Mean bifurcation ratio	2.3725
Stream frequency	81.2280 per km ²
Relief	627.00 m
Drainage density	11.6690 km/km ²
Length of overland flow	42.849 m

CATCHMENT CLIMATOLOGY

