

Devhari (Soyegaon) Dam

Location	20.5589° N, 76.3475° E
State	Maharashtra
Nearest City	Soyegaon
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	980.0 m
Reservoir Area	520000.0 m ²
Gross storage capacity	1907000.0 m ³
Effective storage capacity	1760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.3 km ²
Perimeter of catchment	8.1 km
Basin Length	3261.1 m
Form factor	0.30795
Circularity ratio	0.62389
Elongation ratio	0.62596
Highest Stream order	4
Max elevation	574.0 m
Min elevation	497.0 m
Mean bifurcation ratio	2.5516
Stream frequency	75.4190 per km ²
Relief	77.00 m
Drainage density	10.0570 km/km ²
Length of overland flow	49.716 m

CATCHMENT CLIMATOLOGY

