

Decope Dam

Location	19.7192° N, 72.8117° E
State	Maharashtra
Nearest City	Palghar
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.2 m
Dam length	739.6 m
Reservoir Area	539000.0 m ²
Gross storage capacity	3340000.0 m ³
Effective storage capacity	3285000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.9 km ²
Perimeter of catchment	8.9 km
Basin Length	2840.7 m
Form factor	0.48012
Circularity ratio	0.61605
Elongation ratio	0.78160
Highest Stream order	4
Max elevation	331.0 m
Min elevation	19.0 m
Mean bifurcation ratio	2.7232
Stream frequency	93.6910 per km ²
Relief	312.00 m
Drainage density	13.9050 km/km ²
Length of overland flow	35.957 m

CATCHMENT CLIMATOLOGY

