

Karivade Dam

Location	15.9175° N, 73.8597° E
State	Maharashtra
Nearest City	Sawantwadi
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.0 m
Dam length	180.0 m
Reservoir Area	1100000.0 m ²
Gross storage capacity	1414000.0 m ³
Effective storage capacity	1385000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.6 km ²
Perimeter of catchment	21.4 km
Basin Length	7243.4 m
Form factor	0.27752
Circularity ratio	0.40033
Elongation ratio	0.59423
Highest Stream order	5
Max elevation	317.0 m
Min elevation	41.0 m
Mean bifurcation ratio	2.2221
Stream frequency	69.1590 per km ²
Relief	276.00 m
Drainage density	8.9890 km/km ²
Length of overland flow	55.623 m

CATCHMENT CLIMATOLOGY

