

Tivare Dam

Location	17.6000° N, 73.6950° E
State	Maharashtra
Nearest City	Chiplun
Year of Completion	2004
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.0 m
Dam length	308.0 m
Reservoir Area	280000.0 m ²
Gross storage capacity	2451000.0 m ³
Effective storage capacity	2222000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.5 km ²
Perimeter of catchment	15.0 km
Basin Length	3857.5 m
Form factor	0.77415
Circularity ratio	0.64766
Elongation ratio	0.99248
Highest Stream order	5
Max elevation	983.0 m
Min elevation	163.0 m
Mean bifurcation ratio	2.5836
Stream frequency	92.1910 per km ²
Relief	820.00 m
Drainage density	14.0180 km/km ²
Length of overland flow	35.669 m

CATCHMENT CLIMATOLOGY

