

Adare Dam

Location	17.4608° N, 73.5700° E
State	Maharashtra
Nearest City	Chiplun
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.8 m
Dam length	445.0 m
Reservoir Area	250000.0 m ²
Gross storage capacity	3424000.0 m ³
Effective storage capacity	3289000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.3 km ²
Perimeter of catchment	14.8 km
Basin Length	4695.5 m
Form factor	0.55986
Circularity ratio	0.70744
Elongation ratio	0.84402
Highest Stream order	5
Max elevation	391.0 m
Min elevation	36.0 m
Mean bifurcation ratio	2.6109
Stream frequency	86.6040 per km ²
Relief	355.00 m
Drainage density	12.8140 km/km ²
Length of overland flow	39.021 m

CATCHMENT CLIMATOLOGY

