

Adivali Dam

Location	19.4314° N, 73.5253° E
State	Maharashtra
Nearest City	Shahapur
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	125.5 m
Dam length	386.0 m
Reservoir Area	307000.0 m ²
Gross storage capacity	2221000.0 m ³
Effective storage capacity	2030000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.2 km ²
Perimeter of catchment	13.7 km
Basin Length	4814.1 m
Form factor	0.39760
Circularity ratio	0.61518
Elongation ratio	0.71126
Highest Stream order	5
Max elevation	241.0 m
Min elevation	99.0 m
Mean bifurcation ratio	2.3146
Stream frequency	72.7110 per km ²
Relief	142.00 m
Drainage density	10.0360 km/km ²
Length of overland flow	49.821 m

CATCHMENT CLIMATOLOGY

