

Zinzari Dam

Location	22.5200° N, 73.6742° E
State	Gujarat
Nearest City	Devgadh Bariya
Year of Completion	1912
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Vehla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.5 m
Dam length	2126.0 m
Reservoir Area	800000.0 m ²
Gross storage capacity	2236000.0 m ³
Effective storage capacity	2236000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.6 km ²
Perimeter of catchment	14.8 km
Basin Length	3079.7 m
Form factor	1.01240
Circularity ratio	0.54770
Elongation ratio	1.13500
Highest Stream order	5
Max elevation	195.0 m
Min elevation	135.0 m
Mean bifurcation ratio	2.2118
Stream frequency	69.8760 per km ²
Relief	60.00 m
Drainage density	8.8550 km/km ²
Length of overland flow	56.466 m

CATCHMENT CLIMATOLOGY

