

## Dhansarvav Dam

Location	22.4350° N, 73.4786° E
State	Gujarat
Nearest City	Halol
Year of Completion	1989
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	2025.0 m
Reservoir Area	66840.0 m <sup>2</sup>
Gross storage capacity	1990000.0 m <sup>3</sup>
Effective storage capacity	1126000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.8 km <sup>2</sup>
Perimeter of catchment	13.4 km
Basin Length	5599.3 m
Form factor	0.18645
Circularity ratio	0.41207
Elongation ratio	0.48706
Highest Stream order	5
Max elevation	753.0 m
Min elevation	103.0 m
Mean bifurcation ratio	2.5370
Stream frequency	87.0750 per km <sup>2</sup>
Relief	650.00 m
Drainage density	12.1810 km/km <sup>2</sup>
Length of overland flow	41.048 m

## CATCHMENT CLIMATOLOGY

