

Dhamnod Dam

Location	22.9136° N, 73.7422° E
State	Gujarat
Nearest City	Shahera
Year of Completion	1966
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	725.0 m
Reservoir Area	82500.0 m ²
Gross storage capacity	1890000.0 m ³
Effective storage capacity	1800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.6 km ²
Perimeter of catchment	16.5 km
Basin Length	5220.3 m
Form factor	0.46128
Circularity ratio	0.58177
Elongation ratio	0.76611
Highest Stream order	5
Max elevation	183.0 m
Min elevation	149.0 m
Mean bifurcation ratio	2.4712
Stream frequency	68.8100 per km ²
Relief	34.00 m
Drainage density	8.6970 km/km ²
Length of overland flow	57.490 m

CATCHMENT CLIMATOLOGY

