

## Dholerkham Dam

Location	21.4000° N, 73.3944° E
State	Gujarat
Nearest City	Netrang
Year of Completion	1983
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Tapi
River	T- Narmada
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.9 m
Dam length	187.0 m
Reservoir Area	400000.0 m <sup>2</sup>
Gross storage capacity	1730000.0 m <sup>3</sup>
Effective storage capacity	1660000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	42.7 km <sup>2</sup>
Perimeter of catchment	31.7 km
Basin Length	10617.0 m
Form factor	0.37835
Circularity ratio	0.53321
Elongation ratio	0.69383
Highest Stream order	6
Max elevation	268.0 m
Min elevation	95.0 m
Mean bifurcation ratio	2.4703
Stream frequency	72.6380 per km <sup>2</sup>
Relief	173.00 m
Drainage density	9.5580 km/km <sup>2</sup>
Length of overland flow	52.314 m

## CATCHMENT CLIMATOLOGY

