

## Devedhari Dam

Location	22.1036° N, 71.4808° E
State	Gujarat
Nearest City	Jasdan
Year of Completion	1975
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	T-Keri
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	137.0 m
Reservoir Area	670000.0 m <sup>2</sup>
Gross storage capacity	1520000.0 m <sup>3</sup>
Effective storage capacity	1360000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.2 km <sup>2</sup>
Perimeter of catchment	17.7 km
Basin Length	5138.2 m
Form factor	0.57414
Circularity ratio	0.60627
Elongation ratio	0.85471
Highest Stream order	6
Max elevation	190.0 m
Min elevation	131.0 m
Mean bifurcation ratio	2.3699
Stream frequency	78.7690 per km <sup>2</sup>
Relief	59.00 m
Drainage density	10.7000 km/km <sup>2</sup>
Length of overland flow	46.728 m

## CATCHMENT CLIMATOLOGY

