

## Khodiyar Dam

Location	21.7206° N, 72.0047° E
State	Gujarat
Nearest City	Dhari
Year of Completion	1967
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Shetrunji
Dam Type	Earthfill Embankment
Height above lowest foundation level	36.3 m
Dam length	497.0 m
Reservoir Area	6160000.0 m <sup>2</sup>
Gross storage capacity	32220000.0 m <sup>3</sup>
Effective storage capacity	32220000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	41.8 km <sup>2</sup>
Perimeter of catchment	31.1 km
Basin Length	11836.0 m
Form factor	0.29818
Circularity ratio	0.54155
Elongation ratio	0.61596
Highest Stream order	5
Max elevation	122.0 m
Min elevation	29.0 m
Mean bifurcation ratio	2.1550
Stream frequency	74.4540 per km <sup>2</sup>
Relief	93.00 m
Drainage density	9.9970 km/km <sup>2</sup>
Length of overland flow	50.013 m

## CATCHMENT CLIMATOLOGY

Data not available.