

## Jadakheriya Dam

Location	22.8089° N, 74.1539° E
State	Gujarat
Nearest City	Limkheda
Year of Completion	1975
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.9 m
Dam length	883.0 m
Reservoir Area	237000.0 m <sup>2</sup>
Gross storage capacity	2420000.0 m <sup>3</sup>
Effective storage capacity	2420000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km <sup>2</sup>
Perimeter of catchment	6.9 km
Basin Length	2104.6 m
Form factor	0.59258
Circularity ratio	0.68672
Elongation ratio	0.86832
Highest Stream order	4
Max elevation	396.0 m
Min elevation	351.0 m
Mean bifurcation ratio	2.3932
Stream frequency	75.8190 per km <sup>2</sup>
Relief	45.00 m
Drainage density	9.7220 km/km <sup>2</sup>
Length of overland flow	51.427 m

## CATCHMENT CLIMATOLOGY

