

## Pichhavi Dam

Location	20.9167° N, 70.8500° E
State	Gujarat
Nearest City	Kodinar
Year of Completion	1916
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Sangavad
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.5 m
Dam length	2866.0 m
Reservoir Area	1600498.0 m <sup>2</sup>
Gross storage capacity	50690000.0 m <sup>3</sup>
Effective storage capacity	5033000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.4 km <sup>2</sup>
Perimeter of catchment	8.5 km
Basin Length	2884.9 m
Form factor	0.28854
Circularity ratio	0.41762
Elongation ratio	0.60592
Highest Stream order	4
Max elevation	134.0 m
Min elevation	68.0 m
Mean bifurcation ratio	2.2651
Stream frequency	77.4550 per km <sup>2</sup>
Relief	66.00 m
Drainage density	10.1390 km/km <sup>2</sup>
Length of overland flow	49.315 m

## CATCHMENT CLIMATOLOGY

