

## Dholiya Dam

Location	24.3456° N, 72.6039° E
State	Gujarat
Nearest City	Bk
Year of Completion	1984
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	T Of Banas
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	310.0 m
Reservoir Area	1541000.0 m <sup>2</sup>
Gross storage capacity	558000.0 m <sup>3</sup>
Effective storage capacity	508000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.1 km <sup>2</sup>
Perimeter of catchment	10.3 km
Basin Length	3704.5 m
Form factor	0.37047
Circularity ratio	0.60201
Elongation ratio	0.68657
Highest Stream order	4
Max elevation	547.0 m
Min elevation	233.0 m
Mean bifurcation ratio	3.8426
Stream frequency	95.7910 per km <sup>2</sup>
Relief	314.00 m
Drainage density	14.3980 km/km <sup>2</sup>
Length of overland flow	34.727 m

## CATCHMENT CLIMATOLOGY

