

## Bandi Dam

Location	23.8664° N, 69.7617° E
State	Gujarat
Nearest City	Bhuj
Year of Completion	2003
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Bandi
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.9 m
Dam length	3720.0 m
Reservoir Area	1045150.0 m <sup>2</sup>
Gross storage capacity	237310000.0 m <sup>3</sup>
Effective storage capacity	1479880.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	45.7 km <sup>2</sup>
Perimeter of catchment	34.9 km
Basin Length	11510.0 m
Form factor	0.34506
Circularity ratio	0.47154
Elongation ratio	0.66261
Highest Stream order	6
Max elevation	418.0 m
Min elevation	32.0 m
Mean bifurcation ratio	3.3830
Stream frequency	81.2000 per km <sup>2</sup>
Relief	386.00 m
Drainage density	11.1640 km/km <sup>2</sup>
Length of overland flow	44.787 m

## CATCHMENT CLIMATOLOGY

