

## Bhogat Bandhara Dam

Location	21.9858° N, 69.2006° E
State	Gujarat
Nearest City	Bhat
Year of Completion	1998
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Kalipat
Dam Type	Other
Height above lowest foundation level	15.0 m
Dam length	820.0 m
Reservoir Area	5000000.0 m <sup>2</sup>
Gross storage capacity	6000000.0 m <sup>3</sup>
Effective storage capacity	6000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	157.4 km <sup>2</sup>
Perimeter of catchment	64.0 km
Basin Length	21872.0 m
Form factor	0.32908
Circularity ratio	0.48337
Elongation ratio	0.64708
Highest Stream order	7
Max elevation	69.0 m
Min elevation	1.0 m
Mean bifurcation ratio	2.6186
Stream frequency	74.1390 per km <sup>2</sup>
Relief	68.00 m
Drainage density	9.8980 km/km <sup>2</sup>
Length of overland flow	50.518 m

## CATCHMENT CLIMATOLOGY

