

## Bantwakharo Dam

Location	21.5047° N, 70.0786° E
State	Gujarat
Nearest City	Sambalpur
Year of Completion	1999
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Kharo
Dam Type	Other
Height above lowest foundation level	12.3 m
Dam length	5050.0 m
Reservoir Area	4890000.0 m <sup>2</sup>
Gross storage capacity	668000000.0 m <sup>3</sup>
Effective storage capacity	2760000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	107.8 km <sup>2</sup>
Perimeter of catchment	50.4 km
Basin Length	16554.0 m
Form factor	0.39321
Circularity ratio	0.53379
Elongation ratio	0.70733
Highest Stream order	6
Max elevation	53.0 m
Min elevation	15.0 m
Mean bifurcation ratio	2.3543
Stream frequency	70.7390 per km <sup>2</sup>
Relief	38.00 m
Drainage density	9.0520 km/km <sup>2</sup>
Length of overland flow	55.239 m

## CATCHMENT CLIMATOLOGY

