

## Bhangoria Dam

Location	21.3669° N, 73.5317° E
State	Gujarat
Nearest City	Netrang
Year of Completion	1983
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Tapi
River	Local Khadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	820.0 m
Reservoir Area	975000.0 m <sup>2</sup>
Gross storage capacity	1696000.0 m <sup>3</sup>
Effective storage capacity	1620000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	60.0 km <sup>2</sup>
Perimeter of catchment	46.4 km
Basin Length	13902.0 m
Form factor	0.31024
Circularity ratio	0.34975
Elongation ratio	0.62829
Highest Stream order	6
Max elevation	381.0 m
Min elevation	158.0 m
Mean bifurcation ratio	2.3484
Stream frequency	72.1350 per km <sup>2</sup>
Relief	223.00 m
Drainage density	9.4080 km/km <sup>2</sup>
Length of overland flow	53.149 m

## CATCHMENT CLIMATOLOGY

