

## Wanklaeswar- Bhey Dam

Location	22.7011° N, 73.9875° E
State	Gujarat
Nearest City	D Baria
Year of Completion	1978
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Bed
Dam Type	Other
Height above lowest foundation level	25.6 m
Dam length	151.0 m
Reservoir Area	2830000.0 m <sup>2</sup>
Gross storage capacity	14290000.0 m <sup>3</sup>
Effective storage capacity	12680000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	47.9 km <sup>2</sup>
Perimeter of catchment	35.3 km
Basin Length	10989.0 m
Form factor	0.39622
Circularity ratio	0.48351
Elongation ratio	0.71003
Highest Stream order	6
Max elevation	408.0 m
Min elevation	205.0 m
Mean bifurcation ratio	2.3921
Stream frequency	78.4320 per km <sup>2</sup>
Relief	203.00 m
Drainage density	10.7380 km/km <sup>2</sup>
Length of overland flow	46.563 m

## CATCHMENT CLIMATOLOGY

