

## Chankapur Dam

Location	20.4989° N, 73.8936° E
State	Maharashtra
Nearest City	Kalvan
Year of Completion	1911
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Girna
Dam Type	Earthfill Embankment
Height above lowest foundation level	39.0 m
Dam length	3705.0 m
Reservoir Area	10316000.0 m <sup>2</sup>
Gross storage capacity	79960000.0 m <sup>3</sup>
Effective storage capacity	68720000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	305.9 km <sup>2</sup>
Perimeter of catchment	84.5 km
Basin Length	23245.0 m
Form factor	0.56620
Circularity ratio	0.53813
Elongation ratio	0.84878
Highest Stream order	7
Max elevation	1260.0 m
Min elevation	632.0 m
Mean bifurcation ratio	2.2249
Stream frequency	84.4210 per km <sup>2</sup>
Relief	628.00 m
Drainage density	12.3600 km/km <sup>2</sup>
Length of overland flow	40.453 m

## CATCHMENT CLIMATOLOGY

