

## Chapner Dam

Location	20.1839° N, 75.0642° E
State	Maharashtra
Nearest City	Kannad
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Chapner
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	157.0 m
Reservoir Area	753000.0 m <sup>2</sup>
Gross storage capacity	1950000.0 m <sup>3</sup>
Effective storage capacity	1810000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.4 km <sup>2</sup>
Perimeter of catchment	16.6 km
Basin Length	6636.7 m
Form factor	0.32764
Circularity ratio	0.65795
Elongation ratio	0.64566
Highest Stream order	5
Max elevation	774.0 m
Min elevation	587.0 m
Mean bifurcation ratio	7.1606
Stream frequency	80.9360 per km <sup>2</sup>
Relief	187.00 m
Drainage density	11.0510 km/km <sup>2</sup>
Length of overland flow	45.244 m

## CATCHMENT CLIMATOLOGY

