

Chinchve Dam

Location	20.3981° N, 74.3200° E
State	Maharashtra
Nearest City	Deola
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Wester Tributary
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	1050.0 m
Reservoir Area	203000.0 m ²
Gross storage capacity	1873000.0 m ³
Effective storage capacity	1547000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	8.7 km
Basin Length	3323.2 m
Form factor	0.23357
Circularity ratio	0.42376
Elongation ratio	0.54515
Highest Stream order	4
Max elevation	650.0 m
Min elevation	556.0 m
Mean bifurcation ratio	2.0392
Stream frequency	73.6600 per km ²
Relief	94.00 m
Drainage density	9.1760 km/km ²
Length of overland flow	54.492 m

CATCHMENT CLIMATOLOGY

