

## Chinchoti Dam

Location	19.0286° N, 76.0594° E
State	Maharashtra
Nearest City	Wadwan
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	1458.0 m
Reservoir Area	830000.0 m <sup>2</sup>
Gross storage capacity	2009000.0 m <sup>3</sup>
Effective storage capacity	1864000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.2 km <sup>2</sup>
Perimeter of catchment	19.7 km
Basin Length	8087.0 m
Form factor	0.23317
Circularity ratio	0.49483
Elongation ratio	0.54469
Highest Stream order	5
Max elevation	637.0 m
Min elevation	461.0 m
Mean bifurcation ratio	2.3148
Stream frequency	78.1680 per km <sup>2</sup>
Relief	176.00 m
Drainage density	10.7230 km/km <sup>2</sup>
Length of overland flow	46.630 m

## CATCHMENT CLIMATOLOGY

