

## Chinchwad Dam

Location	20.0861° N, 73.4750° E
State	Maharashtra
Nearest City	Mulshi
Year of Completion	1992
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.3 m
Dam length	374.0 m
Reservoir Area	230000.0 m <sup>2</sup>
Gross storage capacity	1529000.0 m <sup>3</sup>
Effective storage capacity	1464000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.0 km <sup>2</sup>
Perimeter of catchment	11.5 km
Basin Length	3484.9 m
Form factor	0.49066
Circularity ratio	0.56952
Elongation ratio	0.79013
Highest Stream order	5
Max elevation	770.0 m
Min elevation	402.0 m
Mean bifurcation ratio	3.0744
Stream frequency	89.1130 per km <sup>2</sup>
Relief	368.00 m
Drainage density	12.8490 km/km <sup>2</sup>
Length of overland flow	38.915 m

## CATCHMENT CLIMATOLOGY

