

Chinchali Dam

Location	18.0203° N, 73.2978° E
State	Maharashtra
Nearest City	Mandangad
Year of Completion	2004
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.6 m
Dam length	325.0 m
Reservoir Area	211000.0 m ²
Gross storage capacity	2140000.0 m ³
Effective storage capacity	1759000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.6 km ²
Perimeter of catchment	17.5 km
Basin Length	5791.2 m
Form factor	0.31636
Circularity ratio	0.43594
Elongation ratio	0.63445
Highest Stream order	4
Max elevation	348.0 m
Min elevation	36.0 m
Mean bifurcation ratio	2.8130
Stream frequency	83.4120 per km ²
Relief	312.00 m
Drainage density	11.9090 km/km ²
Length of overland flow	41.983 m

CATCHMENT CLIMATOLOGY

