

Chinchala Dam

Location	20.7583° N, 79.3400° E
State	Maharashtra
Nearest City	Bhiwapur
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.3 m
Dam length	822.0 m
Reservoir Area	64850.0 m ²
Gross storage capacity	2265000.0 m ³
Effective storage capacity	2159000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.6 km ²
Perimeter of catchment	11.5 km
Basin Length	3769.0 m
Form factor	0.46324
Circularity ratio	0.62199
Elongation ratio	0.76774
Highest Stream order	4
Max elevation	397.0 m
Min elevation	285.0 m
Mean bifurcation ratio	2.2611
Stream frequency	79.6280 per km ²
Relief	112.00 m
Drainage density	10.8700 km/km ²
Length of overland flow	45.998 m

CATCHMENT CLIMATOLOGY

