

Chinchkheda Dam

Location	20.2703° N, 75.9675° E
State	Maharashtra
Nearest City	Jafrabad
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	780.0 m
Reservoir Area	560000.0 m ²
Gross storage capacity	1050000.0 m ³
Effective storage capacity	920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.1 km ²
Perimeter of catchment	14.2 km
Basin Length	5379.8 m
Form factor	0.41776
Circularity ratio	0.75420
Elongation ratio	0.72908
Highest Stream order	5
Max elevation	603.0 m
Min elevation	559.0 m
Mean bifurcation ratio	4.4992
Stream frequency	75.0140 per km ²
Relief	44.00 m
Drainage density	10.0810 km/km ²
Length of overland flow	49.600 m

CATCHMENT CLIMATOLOGY

