

Charthana Dam

Location	19.6587° N, 76.5665° E
State	Maharashtra
Nearest City	Jintur
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	12.8 m
Dam length	780.0 m
Reservoir Area	396000.0 m ²
Gross storage capacity	1966000.0 m ³
Effective storage capacity	1835000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.4 km ²
Perimeter of catchment	14.6 km
Basin Length	4837.4 m
Form factor	0.52954
Circularity ratio	0.73278
Elongation ratio	0.82084
Highest Stream order	5
Max elevation	572.0 m
Min elevation	464.0 m
Mean bifurcation ratio	10.4910
Stream frequency	82.1540 per km ²
Relief	108.00 m
Drainage density	11.8110 km/km ²
Length of overland flow	42.334 m

CATCHMENT CLIMATOLOGY

