

## Chargad Dam

Location	21.3733° N, 77.8125° E
State	Maharashtra
Nearest City	Chandur Bazar
Year of Completion	2003
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Chargad
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.5 m
Dam length	3740.0 m
Reservoir Area	2320000.0 m <sup>2</sup>
Gross storage capacity	12006000.0 m <sup>3</sup>
Effective storage capacity	9878900.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	92.9 km <sup>2</sup>
Perimeter of catchment	55.4 km
Basin Length	16883.0 m
Form factor	0.32604
Circularity ratio	0.38029
Elongation ratio	0.64409
Highest Stream order	6
Max elevation	894.0 m
Min elevation	435.0 m
Mean bifurcation ratio	2.2174
Stream frequency	77.0360 per km <sup>2</sup>
Relief	459.00 m
Drainage density	10.6510 km/km <sup>2</sup>
Length of overland flow	46.946 m

## CATCHMENT CLIMATOLOGY

