

## Lower Chargad Dam

Location	21.2558° N, 77.9367° E
State	Maharashtra
Nearest City	Morshi
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.7 m
Dam length	2155.0 m
Reservoir Area	3410000.0 m <sup>2</sup>
Gross storage capacity	16430000.0 m <sup>3</sup>
Effective storage capacity	15400000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	254.9 km <sup>2</sup>
Perimeter of catchment	91.1 km
Basin Length	34053.0 m
Form factor	0.21981
Circularity ratio	0.38600
Elongation ratio	0.52885
Highest Stream order	6
Max elevation	894.0 m
Min elevation	339.0 m
Mean bifurcation ratio	2.1241
Stream frequency	74.4810 per km <sup>2</sup>
Relief	555.00 m
Drainage density	10.1320 km/km <sup>2</sup>
Length of overland flow	49.349 m

## CATCHMENT CLIMATOLOGY

