

## Chi-Umberga Dam

Location	17.7042° N, 76.1050° E
State	Maharashtra
Nearest City	Tuljapur
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	1381.0 m
Reservoir Area	1464000.0 m <sup>2</sup>
Gross storage capacity	2822000.0 m <sup>3</sup>
Effective storage capacity	2467000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.2 km <sup>2</sup>
Perimeter of catchment	8.5 km
Basin Length	3193.2 m
Form factor	0.31037
Circularity ratio	0.54828
Elongation ratio	0.62841
Highest Stream order	4
Max elevation	524.0 m
Min elevation	484.0 m
Mean bifurcation ratio	2.4771
Stream frequency	63.8300 per km <sup>2</sup>
Relief	40.00 m
Drainage density	8.0100 km/km <sup>2</sup>
Length of overland flow	62.420 m

## CATCHMENT CLIMATOLOGY

