

## Chelamelavagu (N.T.R. Sagar) Dam

Location	19.1522° N, 79.2478° E
State	Telangana
Nearest City	Laxetipet
Year of Completion	1998
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Chelamelavagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	950.0 m
Reservoir Area	1156900.0 m <sup>2</sup>
Gross storage capacity	10495000.0 m <sup>3</sup>
Effective storage capacity	8768000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	93.2 km <sup>2</sup>
Perimeter of catchment	42.8 km
Basin Length	11789.0 m
Form factor	0.67098
Circularity ratio	0.64127
Elongation ratio	0.92399
Highest Stream order	6
Max elevation	642.0 m
Min elevation	310.0 m
Mean bifurcation ratio	2.6874
Stream frequency	80.0110 per km <sup>2</sup>
Relief	332.00 m
Drainage density	11.3720 km/km <sup>2</sup>
Length of overland flow	43.969 m

## CATCHMENT CLIMATOLOGY

