

## Gunderipallam Dam

Location	11.5630° N, 77.3703° E
State	Tamil Nadu
Nearest City	Erode
Year of Completion	1978
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	Gunderipallam
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	627.0 m
Reservoir Area	610000.0 m <sup>2</sup>
Gross storage capacity	3060000.0 m <sup>3</sup>
Effective storage capacity	3060000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	69.8 km <sup>2</sup>
Perimeter of catchment	35.8 km
Basin Length	11859.0 m
Form factor	0.49603
Circularity ratio	0.68352
Elongation ratio	0.79444
Highest Stream order	6
Max elevation	1486.0 m
Min elevation	281.0 m
Mean bifurcation ratio	2.5914
Stream frequency	93.5130 per km <sup>2</sup>
Relief	1205.00 m
Drainage density	14.9700 km/km <sup>2</sup>
Length of overland flow	33.400 m

## CATCHMENT CLIMATOLOGY

