

## Vidur Dam

Location	12.0725° N, 79.5861° E
State	Tamil Nadu
Nearest City	Tindivanam
Year of Completion	1959
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Varaganadhi
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	22.6 m
Dam length	4380.0 m
Reservoir Area	7980000.0 m <sup>2</sup>
Gross storage capacity	17130000.0 m <sup>3</sup>
Effective storage capacity	17130000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1340.8 km <sup>2</sup>
Perimeter of catchment	204.1 km
Basin Length	59541.0 m
Form factor	0.37821
Circularity ratio	0.40460
Elongation ratio	0.69370
Highest Stream order	8
Max elevation	517.0 m
Min elevation	24.0 m
Mean bifurcation ratio	2.0576
Stream frequency	65.3690 per km <sup>2</sup>
Relief	493.00 m
Drainage density	8.7440 km/km <sup>2</sup>
Length of overland flow	57.181 m

## CATCHMENT CLIMATOLOGY

