

Vennirar Dam

Location	9.6231° N, 77.3236° E
State	Tamil Nadu
Nearest City	Chinnamanur
Year of Completion	1978
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	South Coast
River	Vennirar
Dam Type	Masonry Gravity
Height above lowest foundation level	29.0 m
Dam length	96.0 m
Reservoir Area	424099.0 m ²
Gross storage capacity	144000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.4 km ²
Perimeter of catchment	6.9 km
Basin Length	1566.9 m
Form factor	0.99771
Circularity ratio	0.65486
Elongation ratio	1.12670
Highest Stream order	4
Max elevation	1808.0 m
Min elevation	1350.0 m
Mean bifurcation ratio	3.0172
Stream frequency	80.4260 per km ²
Relief	458.00 m
Drainage density	11.9820 km/km ²
Length of overland flow	41.729 m

CATCHMENT CLIMATOLOGY

