

Vembakottai Dam

Location	9.3347° N, 77.7500° E
State	Tamil Nadu
Nearest City	Sattur
Year of Completion	1985
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Vaippar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	9.7 m
Dam length	3216.0 m
Reservoir Area	4676900.0 m ²
Gross storage capacity	11290000.0 m ³
Effective storage capacity	11290000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1741.2 km ²
Perimeter of catchment	207.5 km
Basin Length	55470.0 m
Form factor	0.56591
Circularity ratio	0.50818
Elongation ratio	0.84856
Highest Stream order	8
Max elevation	1949.0 m
Min elevation	74.0 m
Mean bifurcation ratio	2.2059
Stream frequency	71.1250 per km ²
Relief	1875.00 m
Drainage density	10.0820 km/km ²
Length of overland flow	49.593 m

CATCHMENT CLIMATOLOGY

