

Perumpallam Dam

Location	11.5603° N, 77.3119° E
State	Tamil Nadu
Nearest City	Satyamangalam
Year of Completion	1990
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	Perumpallam
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	17.1 m
Dam length	2060.0 m
Reservoir Area	652900.0 m ²
Gross storage capacity	3280000.0 m ³
Effective storage capacity	3180000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	38.8 km ²
Perimeter of catchment	31.2 km
Basin Length	7990.2 m
Form factor	0.60842
Circularity ratio	0.50027
Elongation ratio	0.87986
Highest Stream order	5
Max elevation	1599.0 m
Min elevation	294.0 m
Mean bifurcation ratio	2.6786
Stream frequency	89.3330 per km ²
Relief	1305.00 m
Drainage density	13.9760 km/km ²
Length of overland flow	35.775 m

CATCHMENT CLIMATOLOGY

