

Varattupallam Dam

Location	11.6794° N, 77.5672° E
State	Tamil Nadu
Nearest City	Bhavani
Year of Completion	1978
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	Varattupallam
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	1798.0 m
Reservoir Area	890000.0 m ²
Gross storage capacity	3940000.0 m ³
Effective storage capacity	3910000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	66.5 km ²
Perimeter of catchment	42.8 km
Basin Length	10959.0 m
Form factor	0.55341
Circularity ratio	0.45631
Elongation ratio	0.83913
Highest Stream order	6
Max elevation	1517.0 m
Min elevation	300.0 m
Mean bifurcation ratio	4.3680
Stream frequency	90.4990 per km ²
Relief	1217.00 m
Drainage density	14.3220 km/km ²
Length of overland flow	34.911 m

CATCHMENT CLIMATOLOGY

