

Uppar Trichy Dam

Location	10.8880° N, 78.5811° E
State	Tamil Nadu
Nearest City	Perambalur
Year of Completion	1986
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	Uppar
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	720.0 m
Reservoir Area	1160000.0 m ²
Gross storage capacity	2270000.0 m ³
Effective storage capacity	2265000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	71459.0 km ²
Perimeter of catchment	2112.8 km
Basin Length	429450.0 m
Form factor	0.38747
Circularity ratio	0.20121
Elongation ratio	0.70215
Highest Stream order	11
Max elevation	2616.0 m
Min elevation	57.0 m
Mean bifurcation ratio	2.7445
Stream frequency	74.9440 per km ²
Relief	2559.00 m
Drainage density	10.8590 km/km ²
Length of overland flow	46.044 m

CATCHMENT CLIMATOLOGY

