

Uppar(Erode) Dam

Location	10.7814° N, 77.4214° E
State	Tamil Nadu
Nearest City	Dharapuram
Year of Completion	1968
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	Uppar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	19.8 m
Dam length	2256.0 m
Reservoir Area	4530000.0 m ²
Gross storage capacity	16310000.0 m ³
Effective storage capacity	14920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1021.9 km ²
Perimeter of catchment	173.8 km
Basin Length	44181.0 m
Form factor	0.52352
Circularity ratio	0.42510
Elongation ratio	0.81616
Highest Stream order	8
Max elevation	680.0 m
Min elevation	262.0 m
Mean bifurcation ratio	2.1683
Stream frequency	67.9180 per km ²
Relief	418.00 m
Drainage density	9.2220 km/km ²
Length of overland flow	54.216 m

CATCHMENT CLIMATOLOGY

