

Kodaganar Dam

Location	10.5942° N, 77.9731° E
State	Tamil Nadu
Nearest City	Vedasandur
Year of Completion	1993
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	Kodaganar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	12.8 m
Dam length	2662.0 m
Reservoir Area	4120000.0 m ²
Gross storage capacity	12300000.0 m ³
Effective storage capacity	11540000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1722.4 km ²
Perimeter of catchment	231.5 km
Basin Length	48409.0 m
Form factor	0.73502
Circularity ratio	0.40406
Elongation ratio	0.96707
Highest Stream order	9
Max elevation	1937.0 m
Min elevation	190.0 m
Mean bifurcation ratio	2.5697
Stream frequency	71.3330 per km ²
Relief	1747.00 m
Drainage density	10.1100 km/km ²
Length of overland flow	49.454 m

CATCHMENT CLIMATOLOGY

