

Rajathopekanar Dam

Location	13.0250° N, 79.0761° E
State	Tamil Nadu
Nearest City	Chittoor
Year of Completion	1997
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Rajathopekanar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	15.9 m
Dam length	260.0 m
Reservoir Area	240000.0 m ²
Gross storage capacity	580000.0 m ³
Effective storage capacity	580000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.3 km ²
Perimeter of catchment	15.9 km
Basin Length	5123.6 m
Form factor	0.39077
Circularity ratio	0.50721
Elongation ratio	0.70513
Highest Stream order	5
Max elevation	522.0 m
Min elevation	278.0 m
Mean bifurcation ratio	2.5698
Stream frequency	81.1070 per km ²
Relief	244.00 m
Drainage density	11.3890 km/km ²
Length of overland flow	43.900 m

CATCHMENT CLIMATOLOGY

