

Kariakovil Dam

Location	11.7753° N, 78.5697° E
State	Tamil Nadu
Nearest City	Attur
Year of Completion	1993
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Kariakovil
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	31.0 m
Dam length	708.0 m
Reservoir Area	780000.0 m ²
Gross storage capacity	5380195.8 m ³
Effective storage capacity	5270326.5 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	71.4 km ²
Perimeter of catchment	41.7 km
Basin Length	9204.1 m
Form factor	0.84254
Circularity ratio	0.51527
Elongation ratio	1.03540
Highest Stream order	6
Max elevation	1176.0 m
Min elevation	429.0 m
Mean bifurcation ratio	2.4422
Stream frequency	82.6050 per km ²
Relief	747.00 m
Drainage density	12.4970 km/km ²
Length of overland flow	40.010 m

CATCHMENT CLIMATOLOGY

