

Kadambarai Dam

Location	10.3931° N, 77.0442° E
State	Tamil Nadu
Nearest City	Pollachi.
Year of Completion	1984
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	West Coast
River	Kadambarai
Dam Type	Earthfill Embankment
Height above lowest foundation level	67.5 m
Dam length	808.0 m
Reservoir Area	1170000.0 m ²
Gross storage capacity	30850000.0 m ³
Effective storage capacity	24800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.7 km ²
Perimeter of catchment	22.6 km
Basin Length	5714.7 m
Form factor	0.72583
Circularity ratio	0.58281
Elongation ratio	0.96101
Highest Stream order	6
Max elevation	2342.0 m
Min elevation	1060.0 m
Mean bifurcation ratio	4.8099
Stream frequency	89.3510 per km ²
Relief	1282.00 m
Drainage density	14.0380 km/km ²
Length of overland flow	35.618 m

CATCHMENT CLIMATOLOGY

