

Mirugandanadhi Dam

Location	12.4903° N, 78.9453° E
State	Tamil Nadu
Nearest City	Polur
Year of Completion	2005
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Mirugandanadhi
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	30.0 m
Dam length	778.0 m
Reservoir Area	41619.0 m ²
Gross storage capacity	2468000.0 m ³
Effective storage capacity	2315000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	56.5 km ²
Perimeter of catchment	43.3 km
Basin Length	8881.2 m
Form factor	0.71641
Circularity ratio	0.37802
Elongation ratio	0.95475
Highest Stream order	6
Max elevation	1024.0 m
Min elevation	235.0 m
Mean bifurcation ratio	2.3920
Stream frequency	79.4570 per km ²
Relief	789.00 m
Drainage density	11.8010 km/km ²
Length of overland flow	42.368 m

CATCHMENT CLIMATOLOGY

