

Nallur Amanikere Dam

Location	12.4250° N, 76.5750° E
State	Karnataka
Nearest City	Gundlupet
Year of Completion	1987
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Gundlu
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	1802.0 m
Reservoir Area	1950000.0 m ²
Gross storage capacity	6541000.0 m ³
Effective storage capacity	5890000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10953.0 km ²
Perimeter of catchment	710.9 km
Basin Length	147160.0 m
Form factor	0.50578
Circularity ratio	0.27246
Elongation ratio	0.80222
Highest Stream order	9
Max elevation	1829.0 m
Min elevation	693.0 m
Mean bifurcation ratio	2.2880
Stream frequency	75.2450 per km ²
Relief	1136.00 m
Drainage density	10.8760 km/km ²
Length of overland flow	45.971 m

CATCHMENT CLIMATOLOGY

