

Muthurayanakere Dam

Location	12.8189° N, 77.0061° E
State	Karnataka
Nearest City	Kunigal
Year of Completion	1970
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	1140.0 m
Reservoir Area	172610.0 m ²
Gross storage capacity	6795000.0 m ³
Effective storage capacity	5872000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	163.7 km ²
Perimeter of catchment	60.7 km
Basin Length	18601.0 m
Form factor	0.47317
Circularity ratio	0.55927
Elongation ratio	0.77592
Highest Stream order	7
Max elevation	918.0 m
Min elevation	662.0 m
Mean bifurcation ratio	2.2408
Stream frequency	75.1430 per km ²
Relief	256.00 m
Drainage density	10.6960 km/km ²
Length of overland flow	46.747 m

CATCHMENT CLIMATOLOGY

