

Maralvadi Dam

Location	12.5628° N, 77.4567° E
State	Karnataka
Nearest City	Kanakapura
Year of Completion	1938
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Arkavathy
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	480.0 m
Reservoir Area	690000.0 m ²
Gross storage capacity	74040000.0 m ³
Effective storage capacity	67350000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	413.4 km ²
Perimeter of catchment	108.1 km
Basin Length	30891.0 m
Form factor	0.43320
Circularity ratio	0.44472
Elongation ratio	0.74242
Highest Stream order	7
Max elevation	1145.0 m
Min elevation	632.0 m
Mean bifurcation ratio	2.2208
Stream frequency	78.2820 per km ²
Relief	513.00 m
Drainage density	11.4810 km/km ²
Length of overland flow	43.550 m

CATCHMENT CLIMATOLOGY

