

Arkavathy Dam

Location	12.4236° N, 77.4408° E
State	Karnataka
Nearest City	Kanakapura
Year of Completion	2004
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Arkavathy
Dam Type	Other
Height above lowest foundation level	29.7 m
Dam length	720.0 m
Reservoir Area	6650000.0 m ²
Gross storage capacity	44940000.0 m ³
Effective storage capacity	40493000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3627.3 km ²
Perimeter of catchment	391.1 km
Basin Length	112240.0 m
Form factor	0.28791
Circularity ratio	0.29813
Elongation ratio	0.60526
Highest Stream order	9
Max elevation	1416.0 m
Min elevation	583.0 m
Mean bifurcation ratio	2.4080
Stream frequency	75.9150 per km ²
Relief	833.00 m
Drainage density	10.9710 km/km ²
Length of overland flow	45.575 m

CATCHMENT CLIMATOLOGY

