

Suvarnavathy Dam

Location	11.8278° N, 77.0167° E
State	Karnataka
Nearest City	Chamaraja Nagar
Year of Completion	1984
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Suvarnavathy
Dam Type	Other
Height above lowest foundation level	25.9 m
Dam length	1170.4 m
Reservoir Area	1212200.0 m ²
Gross storage capacity	356790000.0 m ³
Effective storage capacity	35650000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	394.4 km ²
Perimeter of catchment	120.7 km
Basin Length	29378.0 m
Form factor	0.45691
Circularity ratio	0.34014
Elongation ratio	0.76248
Highest Stream order	7
Max elevation	1791.0 m
Min elevation	726.0 m
Mean bifurcation ratio	2.5213
Stream frequency	83.5560 per km ²
Relief	1065.00 m
Drainage density	12.7990 km/km ²
Length of overland flow	39.064 m

CATCHMENT CLIMATOLOGY

