

Bhavanisagar Dam

Location	11.4700° N, 77.1133° E
State	Tamil Nadu
Nearest City	Satyamangalam
Year of Completion	1955
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	Bhavani.
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	62.0 m
Dam length	8797.0 m
Reservoir Area	78760000.0 m ²
Gross storage capacity	928788295.0 m ³
Effective storage capacity	928788295.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4118.3 km ²
Perimeter of catchment	389.9 km
Basin Length	86075.0 m
Form factor	0.55586
Circularity ratio	0.34050
Elongation ratio	0.84099
Highest Stream order	9
Max elevation	2616.0 m
Min elevation	244.0 m
Mean bifurcation ratio	27.8150
Stream frequency	81.6030 per km ²
Relief	2372.00 m
Drainage density	12.4000 km/km ²
Length of overland flow	40.322 m

CATCHMENT CLIMATOLOGY

