

Upper Bhavani Dam

Location	11.2297° N, 76.5239° E
State	Tamil Nadu
Nearest City	Uthagamandalam
Year of Completion	1965
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	West Coast
River	Bhavani.
Dam Type	Masonry Gravity
Height above lowest foundation level	80.0 m
Dam length	419.0 m
Reservoir Area	5184228.1 m ²
Gross storage capacity	101200000.0 m ³
Effective storage capacity	85200000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.5 km ²
Perimeter of catchment	27.2 km
Basin Length	8978.2 m
Form factor	0.44062
Circularity ratio	0.60463
Elongation ratio	0.74876
Highest Stream order	6
Max elevation	2591.0 m
Min elevation	2203.0 m
Mean bifurcation ratio	2.3446
Stream frequency	73.5130 per km ²
Relief	388.00 m
Drainage density	10.3450 km/km ²
Length of overland flow	48.333 m

CATCHMENT CLIMATOLOGY

