

Bhavthana Dam

Location	18.8044° N, 76.2864° E
State	Maharashtra
Nearest City	Ambejogai
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.8 m
Dam length	533.0 m
Reservoir Area	760000.0 m ²
Gross storage capacity	5273000.0 m ³
Effective storage capacity	4676000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	33.9 km ²
Perimeter of catchment	27.3 km
Basin Length	10857.0 m
Form factor	0.28770
Circularity ratio	0.57385
Elongation ratio	0.60503
Highest Stream order	5
Max elevation	731.0 m
Min elevation	624.0 m
Mean bifurcation ratio	2.3100
Stream frequency	74.4020 per km ²
Relief	107.00 m
Drainage density	10.2700 km/km ²
Length of overland flow	48.685 m

CATCHMENT CLIMATOLOGY

