

## Gavalishivara Dam

Location	19.8833° N, 75.0758° E
State	Maharashtra
Nearest City	Gangapur.
Year of Completion	1972
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	1502.0 m
Reservoir Area	3030000.0 m <sup>2</sup>
Gross storage capacity	2180000.0 m <sup>3</sup>
Effective storage capacity	1950000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.2 km <sup>2</sup>
Perimeter of catchment	17.9 km
Basin Length	6676.9 m
Form factor	0.36325
Circularity ratio	0.63580
Elongation ratio	0.67985
Highest Stream order	5
Max elevation	561.0 m
Min elevation	513.0 m
Mean bifurcation ratio	2.5416
Stream frequency	74.1640 per km <sup>2</sup>
Relief	48.00 m
Drainage density	9.8570 km/km <sup>2</sup>
Length of overland flow	50.727 m

## CATCHMENT CLIMATOLOGY

