

Bomnali Dam

Location	19.0797° N, 77.2650° E
State	Maharashtra
Nearest City	Nanded
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	698.0 m
Reservoir Area	134245.0 m ²
Gross storage capacity	1120000.0 m ³
Effective storage capacity	1090000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.9 km ²
Perimeter of catchment	7.8 km
Basin Length	2251.7 m
Form factor	0.76873
Circularity ratio	0.79696
Elongation ratio	0.98900
Highest Stream order	5
Max elevation	496.0 m
Min elevation	368.0 m
Mean bifurcation ratio	2.7998
Stream frequency	79.2820 per km ²
Relief	128.00 m
Drainage density	10.6460 km/km ²
Length of overland flow	46.967 m

CATCHMENT CLIMATOLOGY

