

Yemai Dam

Location	17.9447° N, 76.6600° E
State	Maharashtra
Nearest City	Tuljapur
Year of Completion	1968
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	160.0 m
Reservoir Area	487000.0 m ²
Gross storage capacity	1700000.0 m ³
Effective storage capacity	1564000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.5 km ²
Perimeter of catchment	6.4 km
Basin Length	1345.0 m
Form factor	1.37070
Circularity ratio	0.77290
Elongation ratio	1.32060
Highest Stream order	4
Max elevation	652.0 m
Min elevation	616.0 m
Mean bifurcation ratio	2.5919
Stream frequency	83.8810 per km ²
Relief	36.00 m
Drainage density	11.1710 km/km ²
Length of overland flow	44.758 m

CATCHMENT CLIMATOLOGY

