

## Manjore Irr. Project Dam

Location	20.8356° N, 84.4317° E
State	Odisha
Nearest City	Athamalik
Year of Completion	Not Available
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Manjore
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.0 m
Dam length	2090.0 m
Reservoir Area	14600550.0 m <sup>2</sup>
Gross storage capacity	100770000.0 m <sup>3</sup>
Effective storage capacity	85240000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	485.1 km <sup>2</sup>
Perimeter of catchment	116.7 km
Basin Length	34400.0 m
Form factor	0.40992
Circularity ratio	0.44771
Elongation ratio	0.72220
Highest Stream order	7
Max elevation	869.0 m
Min elevation	103.0 m
Mean bifurcation ratio	2.3209
Stream frequency	75.3030 per km <sup>2</sup>
Relief	766.00 m
Drainage density	10.3110 km/km <sup>2</sup>
Length of overland flow	48.494 m

## CATCHMENT CLIMATOLOGY

