

Jamunasagar M.I.P Dam

Location	19.8658° N, 83.1750° E
State	Odisha
Nearest City	Bhawanipatna
Year of Completion	1973
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Mod Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	420.0 m
Reservoir Area	273.0 m ²
Gross storage capacity	735000.0 m ³
Effective storage capacity	523000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.0 km ²
Perimeter of catchment	19.6 km
Basin Length	5292.5 m
Form factor	0.64371
Circularity ratio	0.59085
Elongation ratio	0.90501
Highest Stream order	5
Max elevation	919.0 m
Min elevation	256.0 m
Mean bifurcation ratio	4.2269
Stream frequency	85.4650 per km ²
Relief	663.00 m
Drainage density	12.2320 km/km ²
Length of overland flow	40.878 m

CATCHMENT CLIMATOLOGY

