

## Jambonala Dam

Location	20.8269° N, 83.5828° E
State	Odisha
Nearest City	Balangir
Year of Completion	1986
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Jambonalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	365.8 m
Reservoir Area	460000.0 m <sup>2</sup>
Gross storage capacity	1440000.0 m <sup>3</sup>
Effective storage capacity	1190000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.7 km <sup>2</sup>
Perimeter of catchment	9.7 km
Basin Length	3418.1 m
Form factor	0.40646
Circularity ratio	0.63868
Elongation ratio	0.71914
Highest Stream order	4
Max elevation	157.0 m
Min elevation	142.0 m
Mean bifurcation ratio	2.4837
Stream frequency	71.1780 per km <sup>2</sup>
Relief	15.00 m
Drainage density	9.5990 km/km <sup>2</sup>
Length of overland flow	52.089 m

## CATCHMENT CLIMATOLOGY

