

## Jamunabandha Dam

Location	20.4833° N, 85.5178° E
State	Odisha
Nearest City	Athagarh
Year of Completion	1986
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Barajhara
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	918.0 m
Reservoir Area	234700.0 m <sup>2</sup>
Gross storage capacity	540000.0 m <sup>3</sup>
Effective storage capacity	530000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.2 km <sup>2</sup>
Perimeter of catchment	11.7 km
Basin Length	3549.4 m
Form factor	0.49164
Circularity ratio	0.56661
Elongation ratio	0.79092
Highest Stream order	4
Max elevation	266.0 m
Min elevation	61.0 m
Mean bifurcation ratio	2.5033
Stream frequency	84.9250 per km <sup>2</sup>
Relief	205.00 m
Drainage density	12.2190 km/km <sup>2</sup>
Length of overland flow	40.919 m

## CATCHMENT CLIMATOLOGY

