

## Jharianalla M.I.P Dam

Location	21.8889° N, 84.0050° E
State	Odisha
Nearest City	Banki
Year of Completion	1996
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Jharia Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	685.8 m
Reservoir Area	178000.0 m <sup>2</sup>
Gross storage capacity	4450000.0 m <sup>3</sup>
Effective storage capacity	346000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.3 km <sup>2</sup>
Perimeter of catchment	5.7 km
Basin Length	1432.9 m
Form factor	0.63073
Circularity ratio	0.49730
Elongation ratio	0.89584
Highest Stream order	3
Max elevation	235.0 m
Min elevation	209.0 m
Mean bifurcation ratio	2.1382
Stream frequency	76.4510 per km <sup>2</sup>
Relief	26.00 m
Drainage density	8.7520 km/km <sup>2</sup>
Length of overland flow	57.129 m

## CATCHMENT CLIMATOLOGY

