

## Chhamundia Dam

Location	22.0350° N, 86.1003° E
State	Odisha
Nearest City	Panchpir
Year of Completion	1979
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Gandira Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	334.8 m
Reservoir Area	297300.0 m <sup>2</sup>
Gross storage capacity	1189000.0 m <sup>3</sup>
Effective storage capacity	1010000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km <sup>2</sup>
Perimeter of catchment	11.7 km
Basin Length	4355.0 m
Form factor	0.36878
Circularity ratio	0.63869
Elongation ratio	0.68501
Highest Stream order	4
Max elevation	654.0 m
Min elevation	420.0 m
Mean bifurcation ratio	2.6726
Stream frequency	80.6370 per km <sup>2</sup>
Relief	234.00 m
Drainage density	11.1190 km/km <sup>2</sup>
Length of overland flow	44.968 m

## CATCHMENT CLIMATOLOGY

