

## Raijharan Dam

Location	20.9422° N, 84.9669° E
State	Odisha
Nearest City	Anugul
Year of Completion	1994
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Ghurudia
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.9 m
Dam length	730.3 m
Reservoir Area	526000.0 m <sup>2</sup>
Gross storage capacity	1190000.0 m <sup>3</sup>
Effective storage capacity	870000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.2 km <sup>2</sup>
Perimeter of catchment	18.0 km
Basin Length	6277.7 m
Form factor	0.28530
Circularity ratio	0.43736
Elongation ratio	0.60250
Highest Stream order	5
Max elevation	317.0 m
Min elevation	146.0 m
Mean bifurcation ratio	2.4222
Stream frequency	81.4680 per km <sup>2</sup>
Relief	171.00 m
Drainage density	11.5520 km/km <sup>2</sup>
Length of overland flow	43.282 m

## CATCHMENT CLIMATOLOGY

