

## Garh Dam

Location	21.2822° N, 86.0547° E
State	Odisha
Nearest City	Anandpur
Year of Completion	1984
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Garh Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	688.0 m
Reservoir Area	562000.0 m <sup>2</sup>
Gross storage capacity	1840000.0 m <sup>3</sup>
Effective storage capacity	1500000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.6 km <sup>2</sup>
Perimeter of catchment	21.9 km
Basin Length	7459.5 m
Form factor	0.40690
Circularity ratio	0.59598
Elongation ratio	0.71953
Highest Stream order	6
Max elevation	246.0 m
Min elevation	57.0 m
Mean bifurcation ratio	2.3935
Stream frequency	76.5860 per km <sup>2</sup>
Relief	189.00 m
Drainage density	10.3820 km/km <sup>2</sup>
Length of overland flow	48.161 m

## CATCHMENT CLIMATOLOGY

