

## Gurlijore Dam

Location	22.0581° N, 84.1275° E
State	Odisha
Nearest City	Sundargarh
Year of Completion	1984
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Gurlijore
Dam Type	Other
Height above lowest foundation level	12.2 m
Dam length	592.6 m
Reservoir Area	604000.0 m <sup>2</sup>
Gross storage capacity	2179000.0 m <sup>3</sup>
Effective storage capacity	2060000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.5 km <sup>2</sup>
Perimeter of catchment	22.8 km
Basin Length	7496.2 m
Form factor	0.54259
Circularity ratio	0.73756
Elongation ratio	0.83089
Highest Stream order	6
Max elevation	393.0 m
Min elevation	234.0 m
Mean bifurcation ratio	2.9110
Stream frequency	72.5170 per km <sup>2</sup>
Relief	159.00 m
Drainage density	9.4070 km/km <sup>2</sup>
Length of overland flow	53.154 m

## CATCHMENT CLIMATOLOGY

