

## Girbi Dam

Location	22.9656° N, 81.6658° E
State	Madhya Pradesh
Nearest City	Anuppur
Year of Completion	1990
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Dhupsara
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.2 m
Dam length	342.0 m
Reservoir Area	271000.0 m <sup>2</sup>
Gross storage capacity	1450000.0 m <sup>3</sup>
Effective storage capacity	1338000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.6 km <sup>2</sup>
Perimeter of catchment	11.2 km
Basin Length	3636.3 m
Form factor	0.34617
Circularity ratio	0.46072
Elongation ratio	0.66367
Highest Stream order	5
Max elevation	1123.0 m
Min elevation	878.0 m
Mean bifurcation ratio	4.8445
Stream frequency	83.8910 per km <sup>2</sup>
Relief	245.00 m
Drainage density	11.2330 km/km <sup>2</sup>
Length of overland flow	44.512 m

## CATCHMENT CLIMATOLOGY

