

## Ghughwa Dam

Location	21.5961° N, 81.7594° E
State	Chhattisgarh
Nearest City	Raipur
Year of Completion	1967
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	2317.0 m
Reservoir Area	1373000.0 m <sup>2</sup>
Gross storage capacity	3077000.0 m <sup>3</sup>
Effective storage capacity	2153900.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.4 km <sup>2</sup>
Perimeter of catchment	11.5 km
Basin Length	3805.4 m
Form factor	0.50914
Circularity ratio	0.69716
Elongation ratio	0.80487
Highest Stream order	5
Max elevation	294.0 m
Min elevation	269.0 m
Mean bifurcation ratio	3.0601
Stream frequency	72.0210 per km <sup>2</sup>
Relief	25.00 m
Drainage density	9.5090 km/km <sup>2</sup>
Length of overland flow	52.582 m

## CATCHMENT CLIMATOLOGY

