

## Batare Dam

Location	24.4297° N, 84.1861° E
State	Jharkhand
Nearest City	Daltonganj
Year of Completion	1954
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Batare.
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.3 m
Dam length	748.5 m
Reservoir Area	166610.0 m <sup>2</sup>
Gross storage capacity	3160000.0 m <sup>3</sup>
Effective storage capacity	2974700.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.2 km <sup>2</sup>
Perimeter of catchment	15.4 km
Basin Length	4351.8 m
Form factor	0.53765
Circularity ratio	0.54055
Elongation ratio	0.82710
Highest Stream order	6
Max elevation	342.0 m
Min elevation	199.0 m
Mean bifurcation ratio	3.0018
Stream frequency	74.9350 per km <sup>2</sup>
Relief	143.00 m
Drainage density	9.7440 km/km <sup>2</sup>
Length of overland flow	51.316 m

## CATCHMENT CLIMATOLOGY

