

## Amiya Bahadurpur Dam

Location	23.6528° N, 75.6914° E
State	Madhya Pradesh
Nearest City	Mahidpur
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Gandhi
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.9 m
Dam length	1859.0 m
Reservoir Area	8146000.0 m <sup>2</sup>
Gross storage capacity	25230000.0 m <sup>3</sup>
Effective storage capacity	22350000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	83.8 km <sup>2</sup>
Perimeter of catchment	47.4 km
Basin Length	18511.0 m
Form factor	0.24450
Circularity ratio	0.46833
Elongation ratio	0.55776
Highest Stream order	6
Max elevation	507.0 m
Min elevation	446.0 m
Mean bifurcation ratio	2.5211
Stream frequency	71.1250 per km <sup>2</sup>
Relief	61.00 m
Drainage density	9.2410 km/km <sup>2</sup>
Length of overland flow	54.106 m

## CATCHMENT CLIMATOLOGY

