

## Badalpur Dam

Location	22.2233° N, 78.0994° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1977
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	644.5 m
Reservoir Area	271100.0 m <sup>2</sup>
Gross storage capacity	929000.0 m <sup>3</sup>
Effective storage capacity	852000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.1 km <sup>2</sup>
Perimeter of catchment	8.4 km
Basin Length	2417.1 m
Form factor	0.52319
Circularity ratio	0.53903
Elongation ratio	0.81591
Highest Stream order	4
Max elevation	586.0 m
Min elevation	433.0 m
Mean bifurcation ratio	4.2259
Stream frequency	81.1360 per km <sup>2</sup>
Relief	153.00 m
Drainage density	10.8500 km/km <sup>2</sup>
Length of overland flow	46.081 m

## CATCHMENT CLIMATOLOGY

