

## Padhar Dam

Location	22.0478° N, 77.8736° 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	15.9 m
Dam length	655.0 m
Reservoir Area	721000.0 m <sup>2</sup>
Gross storage capacity	2478000.0 m <sup>3</sup>
Effective storage capacity	2287000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.0 km <sup>2</sup>
Perimeter of catchment	13.8 km
Basin Length	5670.8 m
Form factor	0.24735
Circularity ratio	0.52555
Elongation ratio	0.56100
Highest Stream order	5
Max elevation	668.0 m
Min elevation	601.0 m
Mean bifurcation ratio	11.8650
Stream frequency	76.4390 per km <sup>2</sup>
Relief	67.00 m
Drainage density	9.9230 km/km <sup>2</sup>
Length of overland flow	50.391 m

## CATCHMENT CLIMATOLOGY

