

## Padariya Dam

Location	23.1039° N, 79.9833° E
State	Madhya Pradesh
Nearest City	Dindori
Year of Completion	1990
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	622.0 m
Reservoir Area	145000.0 m <sup>2</sup>
Gross storage capacity	635000.0 m <sup>3</sup>
Effective storage capacity	559000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	849.0 km <sup>2</sup>
Perimeter of catchment	178.6 km
Basin Length	59503.0 m
Form factor	0.23979
Circularity ratio	0.33450
Elongation ratio	0.55236
Highest Stream order	8
Max elevation	743.0 m
Min elevation	388.0 m
Mean bifurcation ratio	3.6130
Stream frequency	75.1220 per km <sup>2</sup>
Relief	355.00 m
Drainage density	10.1670 km/km <sup>2</sup>
Length of overland flow	49.177 m

## CATCHMENT CLIMATOLOGY

