

## Pakhadia Dam

Location	22.0425° N, 79.0039° E
State	Madhya Pradesh
Nearest City	Chhindwara
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.8 m
Dam length	633.0 m
Reservoir Area	51460.0 m <sup>2</sup>
Gross storage capacity	2280000.0 m <sup>3</sup>
Effective storage capacity	2156000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.2 km <sup>2</sup>
Perimeter of catchment	15.8 km
Basin Length	4588.1 m
Form factor	0.53212
Circularity ratio	0.56705
Elongation ratio	0.82284
Highest Stream order	5
Max elevation	747.0 m
Min elevation	679.0 m
Mean bifurcation ratio	3.2327
Stream frequency	81.4170 per km <sup>2</sup>
Relief	68.00 m
Drainage density	11.3580 km/km <sup>2</sup>
Length of overland flow	44.022 m

## CATCHMENT CLIMATOLOGY

