

## Pahawadi Dam

Location	22.2291° N, 77.8890° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.9 m
Dam length	1234.0 m
Reservoir Area	460000.0 m <sup>2</sup>
Gross storage capacity	1297000.0 m <sup>3</sup>
Effective storage capacity	1222000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.0 km <sup>2</sup>
Perimeter of catchment	6.0 km
Basin Length	1485.1 m
Form factor	0.91856
Circularity ratio	0.70433
Elongation ratio	1.08110
Highest Stream order	4
Max elevation	425.0 m
Min elevation	380.0 m
Mean bifurcation ratio	2.1587
Stream frequency	69.1070 per km <sup>2</sup>
Relief	45.00 m
Drainage density	9.1290 km/km <sup>2</sup>
Length of overland flow	54.774 m

## CATCHMENT CLIMATOLOGY

