

## Padaria Dam

Location	23.4231° N, 78.2783° E
State	Madhya Pradesh
Nearest City	Gairatganj
Year of Completion	2004
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	720.0 m
Reservoir Area	276000.0 m <sup>2</sup>
Gross storage capacity	942000.0 m <sup>3</sup>
Effective storage capacity	863000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.3 km <sup>2</sup>
Perimeter of catchment	7.4 km
Basin Length	2582.9 m
Form factor	0.49178
Circularity ratio	0.75713
Elongation ratio	0.79103
Highest Stream order	4
Max elevation	571.0 m
Min elevation	520.0 m
Mean bifurcation ratio	2.6851
Stream frequency	87.1740 per km <sup>2</sup>
Relief	51.00 m
Drainage density	12.0680 km/km <sup>2</sup>
Length of overland flow	41.431 m

## CATCHMENT CLIMATOLOGY

