

## Pipariya Jugraj Dam

Location	23.6097° N, 79.6653° E
State	Madhya Pradesh
Nearest City	Damoh
Year of Completion	1959
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Gahira Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	797.0 m
Reservoir Area	283000.0 m <sup>2</sup>
Gross storage capacity	510000.0 m <sup>3</sup>
Effective storage capacity	430000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.3 km <sup>2</sup>
Perimeter of catchment	11.9 km
Basin Length	4082.4 m
Form factor	0.49697
Circularity ratio	0.73241
Elongation ratio	0.79520
Highest Stream order	4
Max elevation	498.0 m
Min elevation	352.0 m
Mean bifurcation ratio	2.5121
Stream frequency	86.5700 per km <sup>2</sup>
Relief	146.00 m
Drainage density	12.2650 km/km <sup>2</sup>
Length of overland flow	40.765 m

## CATCHMENT CLIMATOLOGY

