

## Jamunia Dam

Location	21.8244° N, 79.8194° E
State	Madhya Pradesh
Nearest City	Waraseoni
Year of Completion	1921
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Jamunia Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	2772.0 m
Reservoir Area	2273000.0 m <sup>2</sup>
Gross storage capacity	9209000.0 m <sup>3</sup>
Effective storage capacity	9191000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.0 km <sup>2</sup>
Perimeter of catchment	22.9 km
Basin Length	6839.8 m
Form factor	0.32162
Circularity ratio	0.35997
Elongation ratio	0.63971
Highest Stream order	5
Max elevation	621.0 m
Min elevation	350.0 m
Mean bifurcation ratio	2.5541
Stream frequency	80.0190 per km <sup>2</sup>
Relief	271.00 m
Drainage density	10.9730 km/km <sup>2</sup>
Length of overland flow	45.566 m

## CATCHMENT CLIMATOLOGY

