

## Jantipur Dam

Location	22.6300° N, 80.4239° E
State	Madhya Pradesh
Nearest City	Mandla
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.5 m
Dam length	876.0 m
Reservoir Area	566800.0 m <sup>2</sup>
Gross storage capacity	1570000.0 m <sup>3</sup>
Effective storage capacity	1390000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.4 km <sup>2</sup>
Perimeter of catchment	9.3 km
Basin Length	2585.4 m
Form factor	0.80575
Circularity ratio	0.78347
Elongation ratio	1.01250
Highest Stream order	4
Max elevation	580.0 m
Min elevation	462.0 m
Mean bifurcation ratio	2.7972
Stream frequency	81.1400 per km <sup>2</sup>
Relief	118.00 m
Drainage density	11.1400 km/km <sup>2</sup>
Length of overland flow	44.882 m

## CATCHMENT CLIMATOLOGY

