

## Junapani Dam

Location	24.1625° N, 75.6592° E
State	Madhya Pradesh
Nearest City	Garot
Year of Completion	2003
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	815.0 m
Reservoir Area	418000.0 m <sup>2</sup>
Gross storage capacity	1580000.0 m <sup>3</sup>
Effective storage capacity	1350000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.8 km <sup>2</sup>
Perimeter of catchment	16.8 km
Basin Length	4121.8 m
Form factor	0.63469
Circularity ratio	0.47941
Elongation ratio	0.89865
Highest Stream order	5
Max elevation	487.0 m
Min elevation	445.0 m
Mean bifurcation ratio	2.2475
Stream frequency	71.5960 per km <sup>2</sup>
Relief	42.00 m
Drainage density	9.0670 km/km <sup>2</sup>
Length of overland flow	55.146 m

## CATCHMENT CLIMATOLOGY

