

## Jitudhana Dam

Location	22.0447° N, 76.9789° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1956
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.5 m
Dam length	390.0 m
Reservoir Area	2013794.0 m <sup>2</sup>
Gross storage capacity	973000.0 m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	51.8 km <sup>2</sup>
Perimeter of catchment	41.6 km
Basin Length	14928.0 m
Form factor	0.23247
Circularity ratio	0.37655
Elongation ratio	0.54387
Highest Stream order	5
Max elevation	528.0 m
Min elevation	308.0 m
Mean bifurcation ratio	2.1977
Stream frequency	75.5090 per km <sup>2</sup>
Relief	220.00 m
Drainage density	10.1510 km/km <sup>2</sup>
Length of overland flow	49.254 m

## CATCHMENT CLIMATOLOGY

