

## Jalpani Dam

Location	22.7236° N, 80.4708° 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	14.9 m
Dam length	780.0 m
Reservoir Area	526230.0 m <sup>2</sup>
Gross storage capacity	782000.0 m <sup>3</sup>
Effective storage capacity	656000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.9 km <sup>2</sup>
Perimeter of catchment	9.6 km
Basin Length	2524.2 m
Form factor	0.77605
Circularity ratio	0.67407
Elongation ratio	0.99370
Highest Stream order	5
Max elevation	591.0 m
Min elevation	462.0 m
Mean bifurcation ratio	2.1359
Stream frequency	82.3070 per km <sup>2</sup>
Relief	129.00 m
Drainage density	11.1410 km/km <sup>2</sup>
Length of overland flow	44.880 m

## CATCHMENT CLIMATOLOGY

