

## Jhapdi Dam

Location	22.2111° N, 74.9931° E
State	Madhya Pradesh
Nearest City	Manawar
Year of Completion	1962
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	765.0 m
Reservoir Area	549000.0 m <sup>2</sup>
Gross storage capacity	1998550.0 m <sup>3</sup>
Effective storage capacity	1974500.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.6 km <sup>2</sup>
Perimeter of catchment	18.5 km
Basin Length	6422.7 m
Form factor	0.40308
Circularity ratio	0.60937
Elongation ratio	0.71615
Highest Stream order	5
Max elevation	263.0 m
Min elevation	180.0 m
Mean bifurcation ratio	2.2945
Stream frequency	74.8750 per km <sup>2</sup>
Relief	83.00 m
Drainage density	9.7790 km/km <sup>2</sup>
Length of overland flow	51.128 m

## CATCHMENT CLIMATOLOGY

