

## Jagpura Dam

Location	23.8569° N, 74.3486° E
State	Rajasthan
Nearest City	Ghatol
Year of Completion	1980
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.1 m
Dam length	442.0 m
Reservoir Area	1810000.0 m <sup>2</sup>
Gross storage capacity	1480000.0 m <sup>3</sup>
Effective storage capacity	1470000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.1 km <sup>2</sup>
Perimeter of catchment	14.1 km
Basin Length	5892.8 m
Form factor	0.23332
Circularity ratio	0.51312
Elongation ratio	0.54486
Highest Stream order	5
Max elevation	284.0 m
Min elevation	172.0 m
Mean bifurcation ratio	2.2699
Stream frequency	75.6620 per km <sup>2</sup>
Relief	112.00 m
Drainage density	9.8040 km/km <sup>2</sup>
Length of overland flow	50.999 m

## CATCHMENT CLIMATOLOGY

