

## Bhagora Dam

Location	23.5906° N, 74.1983° E
State	Rajasthan
Nearest City	Garhi
Year of Completion	1967
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Local Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.5 m
Dam length	1800.0 m
Reservoir Area	900676.0 m <sup>2</sup>
Gross storage capacity	3240000.0 m <sup>3</sup>
Effective storage capacity	2550000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	49.1 km <sup>2</sup>
Perimeter of catchment	36.5 km
Basin Length	13177.0 m
Form factor	0.28271
Circularity ratio	0.46250
Elongation ratio	0.59977
Highest Stream order	6
Max elevation	290.0 m
Min elevation	143.0 m
Mean bifurcation ratio	2.2098
Stream frequency	75.6200 per km <sup>2</sup>
Relief	147.00 m
Drainage density	10.0090 km/km <sup>2</sup>
Length of overland flow	49.956 m

## CATCHMENT CLIMATOLOGY

