

## Hingonia Dam

Location	26.7814° N, 75.4603° E
State	Rajasthan
Nearest City	Dudu
Year of Completion	1862
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Bandi
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.2 m
Dam length	1950.0 m
Reservoir Area	52638.0 m <sup>2</sup>
Gross storage capacity	7500000.0 m <sup>3</sup>
Effective storage capacity	7500000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1509.8 km <sup>2</sup>
Perimeter of catchment	243.0 km
Basin Length	75754.0 m
Form factor	0.26310
Circularity ratio	0.32137
Elongation ratio	0.57859
Highest Stream order	8
Max elevation	777.0 m
Min elevation	320.0 m
Mean bifurcation ratio	2.3046
Stream frequency	71.6870 per km <sup>2</sup>
Relief	457.00 m
Drainage density	9.1110 km/km <sup>2</sup>
Length of overland flow	54.877 m

## CATCHMENT CLIMATOLOGY

