

## Mashi Dam

Location	26.4167° N, 75.7667° E
State	Rajasthan
Nearest City	Newai
Year of Completion	1960
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Mashi
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	2103.0 m
Reservoir Area	10620000.0 m <sup>2</sup>
Gross storage capacity	48127000.0 m <sup>3</sup>
Effective storage capacity	35117000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	148.7 km <sup>2</sup>
Perimeter of catchment	74.4 km
Basin Length	21411.0 m
Form factor	0.32427
Circularity ratio	0.33747
Elongation ratio	0.64234
Highest Stream order	6
Max elevation	356.0 m
Min elevation	269.0 m
Mean bifurcation ratio	2.2006
Stream frequency	69.1410 per km <sup>2</sup>
Relief	87.00 m
Drainage density	8.5290 km/km <sup>2</sup>
Length of overland flow	58.624 m

## CATCHMENT CLIMATOLOGY

