

## Surwania Dam

Location	23.4908° N, 74.3650° E
State	Rajasthan
Nearest City	Banswara
Year of Completion	1962
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Borwat
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.3 m
Dam length	3082.5 m
Reservoir Area	4180000.0 m <sup>2</sup>
Gross storage capacity	13200000.0 m <sup>3</sup>
Effective storage capacity	11660000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	94.0 km <sup>2</sup>
Perimeter of catchment	52.9 km
Basin Length	18990.0 m
Form factor	0.26078
Circularity ratio	0.42292
Elongation ratio	0.57603
Highest Stream order	6
Max elevation	493.0 m
Min elevation	187.0 m
Mean bifurcation ratio	2.1955
Stream frequency	82.7870 per km <sup>2</sup>
Relief	306.00 m
Drainage density	11.5690 km/km <sup>2</sup>
Length of overland flow	43.220 m

## CATCHMENT CLIMATOLOGY

