

## Surajpura Dam

Location	23.0697° N, 74.6519° E
State	Madhya Pradesh
Nearest City	Thandla
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	295.0 m
Reservoir Area	314000.0 m <sup>2</sup>
Gross storage capacity	1339000.0 m <sup>3</sup>
Effective storage capacity	1194000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.4 km <sup>2</sup>
Perimeter of catchment	12.8 km
Basin Length	4810.6 m
Form factor	0.36389
Circularity ratio	0.64566
Elongation ratio	0.68044
Highest Stream order	5
Max elevation	418.0 m
Min elevation	337.0 m
Mean bifurcation ratio	2.4580
Stream frequency	69.9440 per km <sup>2</sup>
Relief	81.00 m
Drainage density	8.8080 km/km <sup>2</sup>
Length of overland flow	56.765 m

## CATCHMENT CLIMATOLOGY

