

## Shobhapur Dam

Location	22.0783° N, 78.0117° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.4 m
Dam length	1079.0 m
Reservoir Area	535000.0 m <sup>2</sup>
Gross storage capacity	1382000.0 m <sup>3</sup>
Effective storage capacity	1278000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.4 km <sup>2</sup>
Perimeter of catchment	15.3 km
Basin Length	6633.6 m
Form factor	0.14461
Circularity ratio	0.34330
Elongation ratio	0.42896
Highest Stream order	4
Max elevation	479.0 m
Min elevation	421.0 m
Mean bifurcation ratio	2.1160
Stream frequency	72.7570 per km <sup>2</sup>
Relief	58.00 m
Drainage density	9.6060 km/km <sup>2</sup>
Length of overland flow	52.053 m

## CATCHMENT CLIMATOLOGY

