

## Motsawanga Dam

Location	20.2539° N, 77.2572° E
State	Maharashtra
Nearest City	Mangul Pir
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Madan
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	270.0 m
Reservoir Area	714000.0 m <sup>2</sup>
Gross storage capacity	4680000.0 m <sup>3</sup>
Effective storage capacity	3840000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	43.0 km <sup>2</sup>
Perimeter of catchment	28.8 km
Basin Length	10471.0 m
Form factor	0.39216
Circularity ratio	0.65179
Elongation ratio	0.70638
Highest Stream order	6
Max elevation	565.0 m
Min elevation	461.0 m
Mean bifurcation ratio	6.6176
Stream frequency	75.9350 per km <sup>2</sup>
Relief	104.00 m
Drainage density	10.4120 km/km <sup>2</sup>
Length of overland flow	48.022 m

## CATCHMENT CLIMATOLOGY

