

## Mandvi Dam

Location	19.7964° N, 78.2656° E
State	Maharashtra
Nearest City	Kinwat
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Mandvi
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.3 m
Dam length	1180.0 m
Reservoir Area	1657000.0 m <sup>2</sup>
Gross storage capacity	7077000.0 m <sup>3</sup>
Effective storage capacity	5141000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	55.4 km <sup>2</sup>
Perimeter of catchment	35.9 km
Basin Length	10695.0 m
Form factor	0.48405
Circularity ratio	0.54071
Elongation ratio	0.78479
Highest Stream order	7
Max elevation	567.0 m
Min elevation	278.0 m
Mean bifurcation ratio	2.5756
Stream frequency	85.6050 per km <sup>2</sup>
Relief	289.00 m
Drainage density	12.5770 km/km <sup>2</sup>
Length of overland flow	39.754 m

## CATCHMENT CLIMATOLOGY

