

## Mangrul Dam

Location	20.4772° N, 74.7964° E
State	Maharashtra
Nearest City	Raver
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Bhokar
Dam Type	Earthfill Embankment
Height above lowest foundation level	33.1 m
Dam length	532.0 m
Reservoir Area	1172690.0 m <sup>2</sup>
Gross storage capacity	8982000.0 m <sup>3</sup>
Effective storage capacity	6407000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	893.8 km <sup>2</sup>
Perimeter of catchment	165.7 km
Basin Length	48427.0 m
Form factor	0.38114
Circularity ratio	0.40913
Elongation ratio	0.69639
Highest Stream order	8
Max elevation	877.0 m
Min elevation	347.0 m
Mean bifurcation ratio	2.4783
Stream frequency	72.9850 per km <sup>2</sup>
Relief	530.00 m
Drainage density	9.8950 km/km <sup>2</sup>
Length of overland flow	50.532 m

## CATCHMENT CLIMATOLOGY

