

Mangrul Dam

Location	21.3360° N, 76.0391° 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	401000.0 m ²
Gross storage capacity	119000000.0 m ³
Effective storage capacity	110000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	111.8 km ²
Perimeter of catchment	54.5 km
Basin Length	15938.0 m
Form factor	0.44020
Circularity ratio	0.47315
Elongation ratio	0.74840
Highest Stream order	6
Max elevation	671.0 m
Min elevation	303.0 m
Mean bifurcation ratio	2.3155
Stream frequency	76.9130 per km ²
Relief	368.00 m
Drainage density	10.5030 km/km ²
Length of overland flow	47.607 m

CATCHMENT CLIMATOLOGY

