

Malegaon Dam

Location	20.2233° N, 76.9933° E
State	Maharashtra
Nearest City	Washim
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.5 m
Dam length	1070.0 m
Reservoir Area	66000.0 m ²
Gross storage capacity	2043000.0 m ³
Effective storage capacity	1850000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	13.0 km
Basin Length	4912.2 m
Form factor	0.30031
Circularity ratio	0.54027
Elongation ratio	0.61815
Highest Stream order	4
Max elevation	551.0 m
Min elevation	512.0 m
Mean bifurcation ratio	2.1454
Stream frequency	76.0360 per km ²
Relief	39.00 m
Drainage density	9.9670 km/km ²
Length of overland flow	50.166 m

CATCHMENT CLIMATOLOGY

