

Malegaon Dam

Location	20.9300° N, 77.9631° E
State	Maharashtra
Nearest City	Amarawati
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.9 m
Dam length	737.0 m
Reservoir Area	472000.0 m ²
Gross storage capacity	1754000.0 m ³
Effective storage capacity	1604000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.4 km ²
Perimeter of catchment	10.9 km
Basin Length	3285.8 m
Form factor	0.59015
Circularity ratio	0.68006
Elongation ratio	0.86654
Highest Stream order	4
Max elevation	416.0 m
Min elevation	370.0 m
Mean bifurcation ratio	2.4676
Stream frequency	73.9220 per km ²
Relief	46.00 m
Drainage density	9.8940 km/km ²
Length of overland flow	50.538 m

CATCHMENT CLIMATOLOGY

