

Malegaon Dam

Location	18.1036° N, 76.6717° E
State	Maharashtra
Nearest City	Nilanga
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	1288.0 m
Reservoir Area	1020000.0 m ²
Gross storage capacity	2520000.0 m ³
Effective storage capacity	2219000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.9 km ²
Perimeter of catchment	24.9 km
Basin Length	8974.0 m
Form factor	0.33354
Circularity ratio	0.54671
Elongation ratio	0.65145
Highest Stream order	5
Max elevation	669.0 m
Min elevation	604.0 m
Mean bifurcation ratio	2.5970
Stream frequency	77.6600 per km ²
Relief	65.00 m
Drainage density	10.8800 km/km ²
Length of overland flow	45.955 m

CATCHMENT CLIMATOLOGY

