

Masalga Dam

Location	18.2486° N, 76.7147° E
State	Maharashtra
Nearest City	Nilanga
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Sol
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	2077.0 m
Reservoir Area	5490000.0 m ²
Gross storage capacity	14680000.0 m ³
Effective storage capacity	13560000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	196.5 km ²
Perimeter of catchment	61.9 km
Basin Length	19280.0 m
Form factor	0.52859
Circularity ratio	0.64427
Elongation ratio	0.82011
Highest Stream order	7
Max elevation	678.0 m
Min elevation	564.0 m
Mean bifurcation ratio	11.1380
Stream frequency	76.0970 per km ²
Relief	114.00 m
Drainage density	10.6610 km/km ²
Length of overland flow	46.899 m

CATCHMENT CLIMATOLOGY

