

Matla Dam

Location	20.4003° N, 76.1039° E
State	Maharashtra
Nearest City	Buldana
Year of Completion	1989
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	530.0 m
Reservoir Area	43320.0 m ²
Gross storage capacity	1400000.0 m ³
Effective storage capacity	1280000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.6 km ²
Perimeter of catchment	14.7 km
Basin Length	5114.2 m
Form factor	0.44248
Circularity ratio	0.67349
Elongation ratio	0.75033
Highest Stream order	5
Max elevation	742.0 m
Min elevation	642.0 m
Mean bifurcation ratio	2.3315
Stream frequency	82.8670 per km ²
Relief	100.00 m
Drainage density	11.6870 km/km ²
Length of overland flow	42.782 m

CATCHMENT CLIMATOLOGY

