

Masoli Dam

Location	18.8986° N, 76.7458° E
State	Maharashtra
Nearest City	Gangakhed
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Macchili
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.8 m
Dam length	1086.0 m
Reservoir Area	6970000.0 m ²
Gross storage capacity	34080000.0 m ³
Effective storage capacity	27140000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	278.5 km ²
Perimeter of catchment	81.6 km
Basin Length	26307.0 m
Form factor	0.40239
Circularity ratio	0.52608
Elongation ratio	0.71554
Highest Stream order	7
Max elevation	656.0 m
Min elevation	398.0 m
Mean bifurcation ratio	2.3392
Stream frequency	78.4240 per km ²
Relief	258.00 m
Drainage density	11.1780 km/km ²
Length of overland flow	44.731 m

CATCHMENT CLIMATOLOGY

