

Yewati Masoli Dam

Location	17.1667° N, 74.0178° E
State	Maharashtra
Nearest City	Karad
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Yeoti Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	36.0 m
Dam length	973.0 m
Reservoir Area	882000.0 m ²
Gross storage capacity	7300000.0 m ³
Effective storage capacity	7050000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.3 km ²
Perimeter of catchment	19.7 km
Basin Length	6636.1 m
Form factor	0.36984
Circularity ratio	0.52895
Elongation ratio	0.68599
Highest Stream order	5
Max elevation	929.0 m
Min elevation	677.0 m
Mean bifurcation ratio	2.5172
Stream frequency	76.0110 per km ²
Relief	252.00 m
Drainage density	10.5650 km/km ²
Length of overland flow	47.326 m

CATCHMENT CLIMATOLOGY

