

Lower Wardha Dam

Location	20.8783° N, 78.2594° E
State	Maharashtra
Nearest City	Tivasa
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Wardha.
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.8 m
Dam length	9464.0 m
Reservoir Area	54654000.0 m ²
Gross storage capacity	253340000.0 m ³
Effective storage capacity	216870000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6353.7 km ²
Perimeter of catchment	496.1 km
Basin Length	115460.0 m
Form factor	0.47657
Circularity ratio	0.32456
Elongation ratio	0.77871
Highest Stream order	9
Max elevation	928.0 m
Min elevation	251.0 m
Mean bifurcation ratio	2.2636
Stream frequency	73.1180 per km ²
Relief	677.00 m
Drainage density	9.9080 km/km ²
Length of overland flow	50.465 m

CATCHMENT CLIMATOLOGY

