

Upper Wardha Dam

Location	21.2747° N, 78.0594° E
State	Maharashtra
Nearest City	Morshi
Year of Completion	1993
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Wardha.
Dam Type	Other
Height above lowest foundation level	39.9 m
Dam length	5920.0 m
Reservoir Area	93122000.0 m ²
Gross storage capacity	678270000.0 m ³
Effective storage capacity	564050000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4182.6 km ²
Perimeter of catchment	422.3 km
Basin Length	76987.0 m
Form factor	0.70568
Circularity ratio	0.29481
Elongation ratio	0.94757
Highest Stream order	9
Max elevation	928.0 m
Min elevation	292.0 m
Mean bifurcation ratio	2.1836
Stream frequency	74.0450 per km ²
Relief	636.00 m
Drainage density	10.0840 km/km ²
Length of overland flow	49.585 m

CATCHMENT CLIMATOLOGY

