

Waldevi Dam

Location	19.8991° N, 73.6735° E
State	Maharashtra
Nearest City	Nashik
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Waldevi
Dam Type	Earthfill Embankment
Height above lowest foundation level	36.4 m
Dam length	1890.0 m
Reservoir Area	3549000.0 m ²
Gross storage capacity	34010000.0 m ³
Effective storage capacity	32090000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	46.6 km ²
Perimeter of catchment	31.1 km
Basin Length	11340.0 m
Form factor	0.36201
Circularity ratio	0.60466
Elongation ratio	0.67869
Highest Stream order	6
Max elevation	1073.0 m
Min elevation	645.0 m
Mean bifurcation ratio	2.7562
Stream frequency	83.9040 per km ²
Relief	428.00 m
Drainage density	12.3190 km/km ²
Length of overland flow	40.589 m

CATCHMENT CLIMATOLOGY

