

Morzalwadi Dam

Location	18.9392° N, 75.4361° E
State	Maharashtra
Nearest City	Shirur.
Year of Completion	1992
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	470.0 m
Reservoir Area	380000.0 m ²
Gross storage capacity	1470000.0 m ³
Effective storage capacity	1310000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.6 km ²
Perimeter of catchment	27.5 km
Basin Length	7988.3 m
Form factor	0.51099
Circularity ratio	0.54344
Elongation ratio	0.80634
Highest Stream order	6
Max elevation	838.0 m
Min elevation	628.0 m
Mean bifurcation ratio	2.4616
Stream frequency	78.5690 per km ²
Relief	210.00 m
Drainage density	11.1490 km/km ²
Length of overland flow	44.848 m

CATCHMENT CLIMATOLOGY

