

## Wai Dam

Location	21.5761° N, 78.3461° E
State	Maharashtra
Nearest City	Warud
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Bel
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	1311.0 m
Reservoir Area	840000.0 m <sup>2</sup>
Gross storage capacity	2780000.0 m <sup>3</sup>
Effective storage capacity	2590000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.0 km <sup>2</sup>
Perimeter of catchment	23.9 km
Basin Length	6746.0 m
Form factor	0.46121
Circularity ratio	0.46255
Elongation ratio	0.76605
Highest Stream order	5
Max elevation	661.0 m
Min elevation	463.0 m
Mean bifurcation ratio	3.0397
Stream frequency	74.8030 per km <sup>2</sup>
Relief	198.00 m
Drainage density	9.9220 km/km <sup>2</sup>
Length of overland flow	50.392 m

## CATCHMENT CLIMATOLOGY

