

## Wanjarwadi Dam

Location	18.9753° N, 75.6358° E
State	Maharashtra
Nearest City	Beed
Year of Completion	1961
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Wanjarwadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	500.0 m
Reservoir Area	920000.0 m <sup>2</sup>
Gross storage capacity	2893000.0 m <sup>3</sup>
Effective storage capacity	2641000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.5 km <sup>2</sup>
Perimeter of catchment	23.2 km
Basin Length	7114.1 m
Form factor	0.54333
Circularity ratio	0.64276
Elongation ratio	0.83146
Highest Stream order	5
Max elevation	691.0 m
Min elevation	531.0 m
Mean bifurcation ratio	2.5001
Stream frequency	73.1330 per km <sup>2</sup>
Relief	160.00 m
Drainage density	9.9390 km/km <sup>2</sup>
Length of overland flow	50.309 m

## CATCHMENT CLIMATOLOGY

