

## Wagajwadi Dam

Location	18.1917° N, 73.9847° E
State	Maharashtra
Nearest City	Bhor
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.7 m
Dam length	370.0 m
Reservoir Area	269710.0 m <sup>2</sup>
Gross storage capacity	1657000.0 m <sup>3</sup>
Effective storage capacity	1587000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km <sup>2</sup>
Perimeter of catchment	13.7 km
Basin Length	4485.3 m
Form factor	0.34601
Circularity ratio	0.46465
Elongation ratio	0.66352
Highest Stream order	4
Max elevation	949.0 m
Min elevation	626.0 m
Mean bifurcation ratio	2.5302
Stream frequency	77.1450 per km <sup>2</sup>
Relief	323.00 m
Drainage density	10.4270 km/km <sup>2</sup>
Length of overland flow	47.950 m

## CATCHMENT CLIMATOLOGY

