

## Walki Dam

Location	18.9533° N, 74.7261° E
State	Maharashtra
Nearest City	Ahmadnagar
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Walumbe
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.6 m
Dam length	1290.0 m
Reservoir Area	120000.0 m <sup>2</sup>
Gross storage capacity	3083000.0 m <sup>3</sup>
Effective storage capacity	1870000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	151.1 km <sup>2</sup>
Perimeter of catchment	67.5 km
Basin Length	23805.0 m
Form factor	0.26662
Circularity ratio	0.41688
Elongation ratio	0.58245
Highest Stream order	7
Max elevation	960.0 m
Min elevation	641.0 m
Mean bifurcation ratio	2.7112
Stream frequency	78.9120 per km <sup>2</sup>
Relief	319.00 m
Drainage density	11.2480 km/km <sup>2</sup>
Length of overland flow	44.451 m

## CATCHMENT CLIMATOLOGY

