

## Walen Dam

Location	18.5719° N, 73.5083° E
State	Maharashtra
Nearest City	Mulshi
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Walki
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.8 m
Dam length	410.0 m
Reservoir Area	570000.0 m <sup>2</sup>
Gross storage capacity	5089000.0 m <sup>3</sup>
Effective storage capacity	5069000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.5 km <sup>2</sup>
Perimeter of catchment	10.2 km
Basin Length	2626.7 m
Form factor	0.93586
Circularity ratio	0.78461
Elongation ratio	1.09120
Highest Stream order	5
Max elevation	1090.0 m
Min elevation	623.0 m
Mean bifurcation ratio	6.1958
Stream frequency	94.1620 per km <sup>2</sup>
Relief	467.00 m
Drainage density	14.5860 km/km <sup>2</sup>
Length of overland flow	34.280 m

## CATCHMENT CLIMATOLOGY

