

## Chilewadi Dam

Location	19.3422° N, 73.9664° E
State	Maharashtra
Nearest City	Junnar
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Mandvi
Dam Type	Earthfill Embankment
Height above lowest foundation level	62.6 m
Dam length	440.0 m
Reservoir Area	67410000.0 m <sup>2</sup>
Gross storage capacity	27180000.0 m <sup>3</sup>
Effective storage capacity	24610000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	103.4 km <sup>2</sup>
Perimeter of catchment	44.7 km
Basin Length	14199.0 m
Form factor	0.51271
Circularity ratio	0.65136
Elongation ratio	0.80769
Highest Stream order	6
Max elevation	1452.0 m
Min elevation	688.0 m
Mean bifurcation ratio	2.3267
Stream frequency	84.7770 per km <sup>2</sup>
Relief	764.00 m
Drainage density	12.5440 km/km <sup>2</sup>
Length of overland flow	39.860 m

## CATCHMENT CLIMATOLOGY

