

## Barvi Dam

Location	19.1911° N, 73.3356° E
State	Maharashtra
Nearest City	Ulhas Nagar
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Barvi
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	19941931.0 m <sup>2</sup>
Gross storage capacity	m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	160.7 km <sup>2</sup>
Perimeter of catchment	67.2 km
Basin Length	24095.0 m
Form factor	0.27676
Circularity ratio	0.44684
Elongation ratio	0.59341
Highest Stream order	7
Max elevation	1100.0 m
Min elevation	31.0 m
Mean bifurcation ratio	2.7370
Stream frequency	78.3600 per km <sup>2</sup>
Relief	1069.00 m
Drainage density	11.1450 km/km <sup>2</sup>
Length of overland flow	44.863 m

## CATCHMENT CLIMATOLOGY

