

## Alandi Dam

Location	20.1106° N, 73.6839° E
State	Maharashtra
Nearest City	Nashik
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Alandi
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.3 m
Dam length	1690.0 m
Reservoir Area	5180000.0 m <sup>2</sup>
Gross storage capacity	29535000.0 m <sup>3</sup>
Effective storage capacity	27468000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	70.9 km <sup>2</sup>
Perimeter of catchment	39.8 km
Basin Length	10438.0 m
Form factor	0.65105
Circularity ratio	0.56427
Elongation ratio	0.91016
Highest Stream order	6
Max elevation	1039.0 m
Min elevation	633.0 m
Mean bifurcation ratio	2.5991
Stream frequency	78.8460 per km <sup>2</sup>
Relief	406.00 m
Drainage density	11.1570 km/km <sup>2</sup>
Length of overland flow	44.814 m

## CATCHMENT CLIMATOLOGY

