

## Shirale Dam

Location	20.2736° N, 73.5042° E
State	Maharashtra
Nearest City	Peint
Year of Completion	2010
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Sanmeshwar Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.8 m
Dam length	450.0 m
Reservoir Area	304000.0 m <sup>2</sup>
Gross storage capacity	1904000.0 m <sup>3</sup>
Effective storage capacity	1704000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.9 km <sup>2</sup>
Perimeter of catchment	13.8 km
Basin Length	4167.0 m
Form factor	0.62900
Circularity ratio	0.72489
Elongation ratio	0.89461
Highest Stream order	5
Max elevation	650.0 m
Min elevation	510.0 m
Mean bifurcation ratio	2.5044
Stream frequency	77.6440 per km <sup>2</sup>
Relief	140.00 m
Drainage density	10.7720 km/km <sup>2</sup>
Length of overland flow	46.415 m

## CATCHMENT CLIMATOLOGY

