

## Vishwamitri Dam

Location	20.4164° N, 76.7667° E
State	Maharashtra
Nearest City	Patur
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Vishwamitry
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.1 m
Dam length	1275.0 m
Reservoir Area	1880000.0 m <sup>2</sup>
Gross storage capacity	11233000.0 m <sup>3</sup>
Effective storage capacity	10014000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	111.2 km <sup>2</sup>
Perimeter of catchment	51.7 km
Basin Length	19092.0 m
Form factor	0.30513
Circularity ratio	0.52228
Elongation ratio	0.62310
Highest Stream order	6
Max elevation	562.0 m
Min elevation	349.0 m
Mean bifurcation ratio	2.2942
Stream frequency	76.5960 per km <sup>2</sup>
Relief	213.00 m
Drainage density	10.6760 km/km <sup>2</sup>
Length of overland flow	46.833 m

## CATCHMENT CLIMATOLOGY

