

## Tansa Dam

Location	19.5519° N, 73.2600° E
State	Maharashtra
Nearest City	Shahapur
Year of Completion	1892
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Tansa
Dam Type	Other
Height above lowest foundation level	41.0 m
Dam length	2804.0 m
Reservoir Area	19150000.0 m <sup>2</sup>
Gross storage capacity	184600000.0 m <sup>3</sup>
Effective storage capacity	172520000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	99.7 km <sup>2</sup>
Perimeter of catchment	49.6 km
Basin Length	15404.0 m
Form factor	0.42024
Circularity ratio	0.50954
Elongation ratio	0.73124
Highest Stream order	6
Max elevation	541.0 m
Min elevation	70.0 m
Mean bifurcation ratio	2.1765
Stream frequency	74.1400 per km <sup>2</sup>
Relief	471.00 m
Drainage density	10.1450 km/km <sup>2</sup>
Length of overland flow	49.286 m

## CATCHMENT CLIMATOLOGY

