

## Tongalphodi Dam

Location	21.2403° N, 77.2719° E
State	Maharashtra
Nearest City	Anjangaon
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Kharpani
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	540.0 m
Reservoir Area	260000.0 m <sup>2</sup>
Gross storage capacity	1440000.0 m <sup>3</sup>
Effective storage capacity	1211000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.1 km <sup>2</sup>
Perimeter of catchment	22.4 km
Basin Length	8923.3 m
Form factor	0.25205
Circularity ratio	0.50466
Elongation ratio	0.56631
Highest Stream order	5
Max elevation	918.0 m
Min elevation	408.0 m
Mean bifurcation ratio	2.3877
Stream frequency	79.2740 per km <sup>2</sup>
Relief	510.00 m
Drainage density	11.0790 km/km <sup>2</sup>
Length of overland flow	45.132 m

## CATCHMENT CLIMATOLOGY

