

Tithawali Dam

Location	16.5706° N, 73.6844° E
State	Maharashtra
Nearest City	Vaibhavwadi
Year of Completion	1992
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.1 m
Dam length	225.0 m
Reservoir Area	1210000.0 m ²
Gross storage capacity	1733000.0 m ³
Effective storage capacity	1723000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.5 km ²
Perimeter of catchment	6.4 km
Basin Length	1875.7 m
Form factor	0.72172
Circularity ratio	0.79062
Elongation ratio	0.95828
Highest Stream order	4
Max elevation	112.0 m
Min elevation	22.0 m
Mean bifurcation ratio	2.4260
Stream frequency	73.2490 per km ²
Relief	90.00 m
Drainage density	9.6560 km/km ²
Length of overland flow	51.780 m

CATCHMENT CLIMATOLOGY

