

Talegaon (Igatpuri) Dam

Location	19.6778° N, 73.5439° E
State	Maharashtra
Nearest City	Igatpuri
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Pandurna
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.8 m
Dam length	1000.0 m
Reservoir Area	175800.0 m ²
Gross storage capacity	1168000.0 m ³
Effective storage capacity	1152000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.5 km ²
Perimeter of catchment	5.3 km
Basin Length	1301.5 m
Form factor	0.88869
Circularity ratio	0.66976
Elongation ratio	1.06340
Highest Stream order	3
Max elevation	747.0 m
Min elevation	570.0 m
Mean bifurcation ratio	3.2415
Stream frequency	87.0210 per km ²
Relief	177.00 m
Drainage density	11.2290 km/km ²
Length of overland flow	44.526 m

CATCHMENT CLIMATOLOGY

