

Bhavali Dam

Location	19.6431° N, 73.5886° E
State	Maharashtra
Nearest City	Igatpuri
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Darana
Dam Type	Other
Height above lowest foundation level	32.5 m
Dam length	1215.0 m
Reservoir Area	2565000.0 m ²
Gross storage capacity	44750000.0 m ³
Effective storage capacity	40791000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.6 km ²
Perimeter of catchment	21.2 km
Basin Length	7174.3 m
Form factor	0.47888
Circularity ratio	0.68790
Elongation ratio	0.78059
Highest Stream order	5
Max elevation	1164.0 m
Min elevation	584.0 m
Mean bifurcation ratio	2.7377
Stream frequency	81.6290 per km ²
Relief	580.00 m
Drainage density	11.8320 km/km ²
Length of overland flow	42.260 m

CATCHMENT CLIMATOLOGY

