

Vihar Dam

Location	19.1436° N, 72.9000° E
State	Maharashtra
Nearest City	Borivali
Year of Completion	1860
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Mithi
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.6 m
Dam length	817.0 m
Reservoir Area	7260000.0 m ²
Gross storage capacity	41410000.0 m ³
Effective storage capacity	33605000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.0 km ²
Perimeter of catchment	17.8 km
Basin Length	6140.6 m
Form factor	0.42352
Circularity ratio	0.63111
Elongation ratio	0.73409
Highest Stream order	5
Max elevation	363.0 m
Min elevation	25.0 m
Mean bifurcation ratio	2.8825
Stream frequency	87.3520 per km ²
Relief	338.00 m
Drainage density	13.2840 km/km ²
Length of overland flow	37.639 m

CATCHMENT CLIMATOLOGY

Data not available.



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