

Middle Vaitarna Dam

Location	19.7056° N, 73.4339° E
State	Maharashtra
Nearest City	Mal
Year of Completion	2012
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Vaitarna
Dam Type	Earthfill Embankment
Height above lowest foundation level	102.4 m
Dam length	565.0 m
Reservoir Area	6400000.0 m ²
Gross storage capacity	202100000.0 m ³
Effective storage capacity	193530000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	309.2 km ²
Perimeter of catchment	105.0 km
Basin Length	29355.0 m
Form factor	0.35883
Circularity ratio	0.35281
Elongation ratio	0.67570
Highest Stream order	7
Max elevation	1053.0 m
Min elevation	195.0 m
Mean bifurcation ratio	2.1416
Stream frequency	81.5200 per km ²
Relief	858.00 m
Drainage density	11.8580 km/km ²
Length of overland flow	42.166 m

CATCHMENT CLIMATOLOGY

