

Morbe Dam

Location	18.9108° N, 73.2461° E
State	Maharashtra
Nearest City	Panvel
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Ghatprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	9782033.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	53.9 km ²
Perimeter of catchment	31.7 km
Basin Length	11356.0 m
Form factor	0.41770
Circularity ratio	0.67241
Elongation ratio	0.72902
Highest Stream order	6
Max elevation	800.0 m
Min elevation	43.0 m
Mean bifurcation ratio	5.9249
Stream frequency	89.6820 per km ²
Relief	757.00 m
Drainage density	13.6230 km/km ²
Length of overland flow	36.703 m

CATCHMENT CLIMATOLOGY

