

Morzira Dam

Location	21.1419° N, 76.2128° E
State	Madhya Pradesh
Nearest City	Burhanpur
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Tapi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	770.0 m
Reservoir Area	483000.0 m ²
Gross storage capacity	1943000.0 m ³
Effective storage capacity	1718000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.8 km ²
Perimeter of catchment	17.1 km
Basin Length	6892.8 m
Form factor	0.22774
Circularity ratio	0.46706
Elongation ratio	0.53831
Highest Stream order	4
Max elevation	511.0 m
Min elevation	280.0 m
Mean bifurcation ratio	2.3101
Stream frequency	75.4130 per km ²
Relief	231.00 m
Drainage density	10.0000 km/km ²
Length of overland flow	49.999 m

CATCHMENT CLIMATOLOGY

