

Mhaswa Dam

Location	20.8842° N, 75.1567° E
State	Maharashtra
Nearest City	Parola
Year of Completion	1880
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.5 m
Dam length	1257.0 m
Reservoir Area	627000.0 m ²
Gross storage capacity	3463000.0 m ³
Effective storage capacity	3463000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.5 km ²
Perimeter of catchment	18.4 km
Basin Length	5149.6 m
Form factor	0.65860
Circularity ratio	0.65179
Elongation ratio	0.91542
Highest Stream order	5
Max elevation	291.0 m
Min elevation	235.0 m
Mean bifurcation ratio	2.2641
Stream frequency	69.6250 per km ²
Relief	56.00 m
Drainage density	9.0920 km/km ²
Length of overland flow	54.992 m

CATCHMENT CLIMATOLOGY

