

Mandwa Dam

Location	21.5278° N, 76.9253° E
State	Maharashtra
Nearest City	Dharni
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Mandwa
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.9 m
Dam length	304.0 m
Reservoir Area	914200.0 m ²
Gross storage capacity	2940000.0 m ³
Effective storage capacity	2780000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.1 km ²
Perimeter of catchment	26.5 km
Basin Length	9950.8 m
Form factor	0.18255
Circularity ratio	0.32252
Elongation ratio	0.48195
Highest Stream order	5
Max elevation	447.0 m
Min elevation	329.0 m
Mean bifurcation ratio	2.7938
Stream frequency	72.5280 per km ²
Relief	118.00 m
Drainage density	9.7080 km/km ²
Length of overland flow	51.504 m

CATCHMENT CLIMATOLOGY

