

Mandwajhiri Dam

Location	21.6539° N, 80.4672° E
State	Madhya Pradesh
Nearest City	Balaghat
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Mandal
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.3 m
Dam length	1021.0 m
Reservoir Area	576500.0 m ²
Gross storage capacity	1630000.0 m ³
Effective storage capacity	1547000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km ²
Perimeter of catchment	11.9 km
Basin Length	4137.9 m
Form factor	0.40906
Circularity ratio	0.61943
Elongation ratio	0.72144
Highest Stream order	5
Max elevation	716.0 m
Min elevation	332.0 m
Mean bifurcation ratio	2.4063
Stream frequency	92.3770 per km ²
Relief	384.00 m
Drainage density	13.5750 km/km ²
Length of overland flow	36.831 m

CATCHMENT CLIMATOLOGY

