

Mandal Dam

Location	20.0086° N, 74.3167° E
State	Maharashtra
Nearest City	Dhule
Year of Completion	2002
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Bori
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.6 m
Dam length	12707.0 m
Reservoir Area	2289500.0 m ²
Gross storage capacity	8790000.0 m ³
Effective storage capacity	5810000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	455.6 km ²
Perimeter of catchment	119.3 km
Basin Length	44925.0 m
Form factor	0.22576
Circularity ratio	0.40277
Elongation ratio	0.53597
Highest Stream order	7
Max elevation	1304.0 m
Min elevation	521.0 m
Mean bifurcation ratio	2.0904
Stream frequency	72.0540 per km ²
Relief	783.00 m
Drainage density	9.6760 km/km ²
Length of overland flow	51.676 m

CATCHMENT CLIMATOLOGY

