

Mandwa Dam

Location	20.0239° N, 76.3308° E
State	Maharashtra
Nearest City	Shindkhed Raja
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.5 m
Dam length	663.0 m
Reservoir Area	1000000.0 m ²
Gross storage capacity	4101000.0 m ³
Effective storage capacity	3250000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	45.6 km ²
Perimeter of catchment	33.6 km
Basin Length	12689.0 m
Form factor	0.28346
Circularity ratio	0.50943
Elongation ratio	0.60056
Highest Stream order	6
Max elevation	616.0 m
Min elevation	504.0 m
Mean bifurcation ratio	2.3813
Stream frequency	79.7120 per km ²
Relief	112.00 m
Drainage density	11.3210 km/km ²
Length of overland flow	44.165 m

CATCHMENT CLIMATOLOGY

