

Mandwa Dam

Location	20.0238° N, 76.3332° E
State	Maharashtra
Nearest City	Risod
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	15.2 m
Dam length	448.0 m
Reservoir Area	368700.0 m ²
Gross storage capacity	1484000.0 m ³
Effective storage capacity	1370000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	45.5 km ²
Perimeter of catchment	33.5 km
Basin Length	12591.0 m
Form factor	0.28710
Circularity ratio	0.51031
Elongation ratio	0.60440
Highest Stream order	6
Max elevation	616.0 m
Min elevation	504.0 m
Mean bifurcation ratio	2.3917
Stream frequency	79.7280 per km ²
Relief	112.00 m
Drainage density	11.3180 km/km ²
Length of overland flow	44.176 m

CATCHMENT CLIMATOLOGY

