

Masrul Dam

Location	20.4347° N, 75.9364° E
State	Maharashtra
Nearest City	Bhokardan
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Dhamna
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	1069.0 m
Reservoir Area	353720.0 m ²
Gross storage capacity	9518000.0 m ³
Effective storage capacity	8248000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	72.4 km ²
Perimeter of catchment	39.8 km
Basin Length	13254.0 m
Form factor	0.41208
Circularity ratio	0.57578
Elongation ratio	0.72410
Highest Stream order	6
Max elevation	730.0 m
Min elevation	570.0 m
Mean bifurcation ratio	2.3478
Stream frequency	78.0780 per km ²
Relief	160.00 m
Drainage density	10.9180 km/km ²
Length of overland flow	45.795 m

CATCHMENT CLIMATOLOGY

