

Mas Dam

Location	20.6053° N, 76.6600° E
State	Maharashtra
Nearest City	Khamgaon
Year of Completion	1992
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Maher
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	668.0 m
Reservoir Area	4810000.0 m ²
Gross storage capacity	17500000.0 m ³
Effective storage capacity	15040000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	212.9 km ²
Perimeter of catchment	84.4 km
Basin Length	33261.0 m
Form factor	0.19248
Circularity ratio	0.37537
Elongation ratio	0.49488
Highest Stream order	6
Max elevation	597.0 m
Min elevation	309.0 m
Mean bifurcation ratio	2.2041
Stream frequency	75.0740 per km ²
Relief	288.00 m
Drainage density	10.4090 km/km ²
Length of overland flow	48.035 m

CATCHMENT CLIMATOLOGY

