

Masala Kd Dam

Location	20.1928° N, 77.0964° E
State	Maharashtra
Nearest City	Malegaon
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.1 m
Dam length	790.0 m
Reservoir Area	5465000.0 m ²
Gross storage capacity	1950000.0 m ³
Effective storage capacity	1830000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.9 km ²
Perimeter of catchment	18.1 km
Basin Length	5574.2 m
Form factor	0.54456
Circularity ratio	0.64669
Elongation ratio	0.83240
Highest Stream order	6
Max elevation	567.0 m
Min elevation	514.0 m
Mean bifurcation ratio	2.5111
Stream frequency	72.3390 per km ²
Relief	53.00 m
Drainage density	9.4410 km/km ²
Length of overland flow	52.962 m

CATCHMENT CLIMATOLOGY

