

Kalmeshwar Dam

Location	20.2526° N, 76.9401° E
State	Maharashtra
Nearest City	Malegaon
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Morna
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.8 m
Dam length	1440.0 m
Reservoir Area	135000.0 m ²
Gross storage capacity	5240000.0 m ³
Effective storage capacity	4740000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.5 km ²
Perimeter of catchment	22.8 km
Basin Length	8012.2 m
Form factor	0.45890
Circularity ratio	0.71144
Elongation ratio	0.76414
Highest Stream order	5
Max elevation	551.0 m
Min elevation	497.0 m
Mean bifurcation ratio	2.4890
Stream frequency	75.9000 per km ²
Relief	54.00 m
Drainage density	10.4010 km/km ²
Length of overland flow	48.070 m

CATCHMENT CLIMATOLOGY

