

Matoba Dam

Location	18.5136° N, 74.2961° E
State	Maharashtra
Nearest City	Daund
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Mulamutha
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.5 m
Dam length	1662.0 m
Reservoir Area	1900000.0 m ²
Gross storage capacity	45520000.0 m ³
Effective storage capacity	45170000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.5 km ²
Perimeter of catchment	25.8 km
Basin Length	10124.0 m
Form factor	0.23946
Circularity ratio	0.46494
Elongation ratio	0.55198
Highest Stream order	5
Max elevation	727.0 m
Min elevation	531.0 m
Mean bifurcation ratio	2.1462
Stream frequency	76.8460 per km ²
Relief	196.00 m
Drainage density	10.6150 km/km ²
Length of overland flow	47.102 m

CATCHMENT CLIMATOLOGY

