

Malad Dam

Location	18.3836° N, 74.5747° E
State	Maharashtra
Nearest City	Daund
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Maladnalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	485.0 m
Reservoir Area	380000.0 m ²
Gross storage capacity	1740000.0 m ³
Effective storage capacity	1230000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	87.2 km ²
Perimeter of catchment	40.2 km
Basin Length	14820.0 m
Form factor	0.39708
Circularity ratio	0.67756
Elongation ratio	0.71080
Highest Stream order	6
Max elevation	677.0 m
Min elevation	560.0 m
Mean bifurcation ratio	2.2483
Stream frequency	77.7580 per km ²
Relief	117.00 m
Drainage density	11.0250 km/km ²
Length of overland flow	45.353 m

CATCHMENT CLIMATOLOGY

