

Mala Dam

Location	23.6961° N, 79.7375° E
State	Madhya Pradesh
Nearest City	Damoh
Year of Completion	1929
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Sun Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	2518.0 m
Reservoir Area	2384290.0 m ²
Gross storage capacity	19960000.0 m ³
Effective storage capacity	16870000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	166.1 km ²
Perimeter of catchment	71.2 km
Basin Length	23340.0 m
Form factor	0.30496
Circularity ratio	0.41158
Elongation ratio	0.62292
Highest Stream order	7
Max elevation	596.0 m
Min elevation	345.0 m
Mean bifurcation ratio	2.1811
Stream frequency	79.9200 per km ²
Relief	251.00 m
Drainage density	11.1540 km/km ²
Length of overland flow	44.826 m

CATCHMENT CLIMATOLOGY

