

Lower Jhumka Dam

Location	22.6414° N, 74.6856° E
State	Madhya Pradesh
Nearest City	Jhabua
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Prithviraj
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.2 m
Dam length	510.0 m
Reservoir Area	2602000.0 m ²
Gross storage capacity	1543000.0 m ³
Effective storage capacity	1355000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.5 km ²
Perimeter of catchment	15.5 km
Basin Length	4692.2 m
Form factor	0.56781
Circularity ratio	0.65048
Elongation ratio	0.84999
Highest Stream order	5
Max elevation	508.0 m
Min elevation	395.0 m
Mean bifurcation ratio	2.4978
Stream frequency	78.7120 per km ²
Relief	113.00 m
Drainage density	10.7130 km/km ²
Length of overland flow	46.674 m

CATCHMENT CLIMATOLOGY

