

Jhiradiya Dam

Location	22.7558° N, 74.6700° E
State	Madhya Pradesh
Nearest City	Jhabua
Year of Completion	1990
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	405.0 m
Reservoir Area	174000.0 m ²
Gross storage capacity	780000.0 m ³
Effective storage capacity	710000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.6 km ²
Perimeter of catchment	9.5 km
Basin Length	3304.4 m
Form factor	0.33216
Circularity ratio	0.50247
Elongation ratio	0.65010
Highest Stream order	4
Max elevation	423.0 m
Min elevation	354.0 m
Mean bifurcation ratio	2.1477
Stream frequency	73.6180 per km ²
Relief	69.00 m
Drainage density	9.2510 km/km ²
Length of overland flow	54.048 m

CATCHMENT CLIMATOLOGY

