

Karwandi Dam

Location	22.5836° N, 74.4389° E
State	Madhya Pradesh
Nearest City	Jhabua
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Dhobade Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.6 m
Dam length	250.0 m
Reservoir Area	489350.0 m ²
Gross storage capacity	1213000.0 m ³
Effective storage capacity	1064000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.7 km ²
Perimeter of catchment	19.5 km
Basin Length	6147.1 m
Form factor	0.46770
Circularity ratio	0.58613
Elongation ratio	0.77142
Highest Stream order	5
Max elevation	552.0 m
Min elevation	378.0 m
Mean bifurcation ratio	2.4796
Stream frequency	76.9540 per km ²
Relief	174.00 m
Drainage density	10.1690 km/km ²
Length of overland flow	49.169 m

CATCHMENT CLIMATOLOGY

