

Ichhwar Dam

Location	23.0033° N, 77.0194° E
State	Madhya Pradesh
Nearest City	Ichhwar
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Ajnal
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.5 m
Dam length	1890.0 m
Reservoir Area	650000.0 m ²
Gross storage capacity	2090000.0 m ³
Effective storage capacity	1840000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.4 km ²
Perimeter of catchment	10.1 km
Basin Length	3334.0 m
Form factor	0.48619
Circularity ratio	0.66349
Elongation ratio	0.78652
Highest Stream order	4
Max elevation	539.0 m
Min elevation	517.0 m
Mean bifurcation ratio	2.8003
Stream frequency	75.3110 per km ²
Relief	22.00 m
Drainage density	9.7610 km/km ²
Length of overland flow	51.223 m

CATCHMENT CLIMATOLOGY

