

Jhirbhar Dam

Location	22.1039° N, 75.8117° E
State	Madhya Pradesh
Nearest City	Barwaha
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Vamsali Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	1090000.0 m ²
Gross storage capacity	5658000.0 m ³
Effective storage capacity	4743000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	52.9 km ²
Perimeter of catchment	34.6 km
Basin Length	11415.0 m
Form factor	0.40593
Circularity ratio	0.55665
Elongation ratio	0.71868
Highest Stream order	6
Max elevation	298.0 m
Min elevation	192.0 m
Mean bifurcation ratio	2.4559
Stream frequency	78.0480 per km ²
Relief	106.00 m
Drainage density	10.7150 km/km ²
Length of overland flow	46.664 m

CATCHMENT CLIMATOLOGY

