

Bhamkapura Dam

Location	22.4608° N, 77.8417° E
State	Madhya Pradesh
Nearest City	Itarsi
Year of Completion	1994
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.2 m
Dam length	870.0 m
Reservoir Area	245300.0 m ²
Gross storage capacity	510000.0 m ³
Effective storage capacity	460000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	54.3 km ²
Perimeter of catchment	34.3 km
Basin Length	12606.0 m
Form factor	0.34186
Circularity ratio	0.58127
Elongation ratio	0.65953
Highest Stream order	6
Max elevation	641.0 m
Min elevation	365.0 m
Mean bifurcation ratio	2.3525
Stream frequency	72.9850 per km ²
Relief	276.00 m
Drainage density	9.6640 km/km ²
Length of overland flow	51.740 m

CATCHMENT CLIMATOLOGY

