

Bhamat Dam

Location	23.1497° N, 74.7333° E
State	Madhya Pradesh
Nearest City	Jhabua
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	204.0 m
Reservoir Area	325000.0 m ²
Gross storage capacity	1316000.0 m ³
Effective storage capacity	1131000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km ²
Perimeter of catchment	9.9 km
Basin Length	3380.6 m
Form factor	0.32540
Circularity ratio	0.47445
Elongation ratio	0.64345
Highest Stream order	4
Max elevation	423.0 m
Min elevation	378.0 m
Mean bifurcation ratio	2.4251
Stream frequency	70.7220 per km ²
Relief	45.00 m
Drainage density	9.0320 km/km ²
Length of overland flow	55.357 m

CATCHMENT CLIMATOLOGY

