

Barna Dam

Location	23.0517° N, 78.0625° E
State	Madhya Pradesh
Nearest City	Raisen
Year of Completion	1975
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Barna
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	66827675.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1168.5 km ²
Perimeter of catchment	182.8 km
Basin Length	40902.0 m
Form factor	0.69846
Circularity ratio	0.43980
Elongation ratio	0.94271
Highest Stream order	8
Max elevation	644.0 m
Min elevation	322.0 m
Mean bifurcation ratio	2.5001
Stream frequency	80.7060 per km ²
Relief	322.00 m
Drainage density	11.4030 km/km ²
Length of overland flow	43.848 m

CATCHMENT CLIMATOLOGY

