

Bargona Dam

Location	21.9864° N, 78.7622° E
State	Madhya Pradesh
Nearest City	Chhindwara
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Umra Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.7 m
Dam length	383.0 m
Reservoir Area	353000.0 m ²
Gross storage capacity	1110000.0 m ³
Effective storage capacity	970000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	0.8 km ²
Perimeter of catchment	4.2 km
Basin Length	1192.9 m
Form factor	0.55444
Circularity ratio	0.56728
Elongation ratio	0.83992
Highest Stream order	3
Max elevation	752.0 m
Min elevation	718.0 m
Mean bifurcation ratio	2.1678
Stream frequency	82.3790 per km ²
Relief	34.00 m
Drainage density	10.1150 km/km ²
Length of overland flow	49.432 m

CATCHMENT CLIMATOLOGY

