

Ari Dam

Location	21.9258° N, 79.6656° E
State	Madhya Pradesh
Nearest City	Seoni
Year of Completion	1952
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Hirri
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.5 m
Dam length	1585.0 m
Reservoir Area	3115000.0 m ²
Gross storage capacity	15300000.0 m ³
Effective storage capacity	12890000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	69.9 km ²
Perimeter of catchment	40.3 km
Basin Length	10084.0 m
Form factor	0.68748
Circularity ratio	0.54162
Elongation ratio	0.93527
Highest Stream order	6
Max elevation	664.0 m
Min elevation	548.0 m
Mean bifurcation ratio	2.6586
Stream frequency	74.7880 per km ²
Relief	116.00 m
Drainage density	10.0940 km/km ²
Length of overland flow	49.537 m

CATCHMENT CLIMATOLOGY

