

Awalia Dam

Location	22.4278° N, 75.4828° E
State	Madhya Pradesh
Nearest City	Dhar
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.6 m
Dam length	240.0 m
Reservoir Area	481000.0 m ²
Gross storage capacity	562320.0 m ³
Effective storage capacity	491170.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.1 km ²
Perimeter of catchment	7.6 km
Basin Length	2599.0 m
Form factor	0.46415
Circularity ratio	0.67738
Elongation ratio	0.76849
Highest Stream order	4
Max elevation	557.0 m
Min elevation	435.0 m
Mean bifurcation ratio	2.9292
Stream frequency	86.1190 per km ²
Relief	122.00 m
Drainage density	12.3290 km/km ²
Length of overland flow	40.555 m

CATCHMENT CLIMATOLOGY

