

Agar Agari Dam

Location	23.8022° N, 77.0758° E
State	Madhya Pradesh
Nearest City	Biaora
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Ajnar Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.5 m
Dam length	1676.0 m
Reservoir Area	855000.0 m ²
Gross storage capacity	2301000.0 m ³
Effective storage capacity	2108000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.6 km ²
Perimeter of catchment	15.0 km
Basin Length	3808.4 m
Form factor	0.80295
Circularity ratio	0.65321
Elongation ratio	1.01080
Highest Stream order	5
Max elevation	539.0 m
Min elevation	460.0 m
Mean bifurcation ratio	2.3182
Stream frequency	86.5560 per km ²
Relief	79.00 m
Drainage density	12.0130 km/km ²
Length of overland flow	41.623 m

CATCHMENT CLIMATOLOGY

