

Amua Dam

Location	24.3392° N, 80.3322° E
State	Madhya Pradesh
Nearest City	Amarpalan
Year of Completion	1975
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.4 m
Dam length	811.0 m
Reservoir Area	349000.0 m ²
Gross storage capacity	1121000.0 m ³
Effective storage capacity	1001000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.2 km ²
Perimeter of catchment	10.4 km
Basin Length	3336.8 m
Form factor	0.47007
Circularity ratio	0.61414
Elongation ratio	0.77338
Highest Stream order	5
Max elevation	529.0 m
Min elevation	329.0 m
Mean bifurcation ratio	3.2582
Stream frequency	81.3910 per km ²
Relief	200.00 m
Drainage density	11.0840 km/km ²
Length of overland flow	45.109 m

CATCHMENT CLIMATOLOGY

