

Amalya Dam

Location	24.0303° N, 82.4142° E
State	Madhya Pradesh
Nearest City	Sambalpur
Year of Completion	Not Available
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	288.0 m
Reservoir Area	399000.0 m ²
Gross storage capacity	3553000.0 m ³
Effective storage capacity	3217000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.6 km ²
Perimeter of catchment	18.7 km
Basin Length	5579.7 m
Form factor	0.56689
Circularity ratio	0.63381
Elongation ratio	0.84930
Highest Stream order	5
Max elevation	522.0 m
Min elevation	336.0 m
Mean bifurcation ratio	2.6532
Stream frequency	73.3180 per km ²
Relief	186.00 m
Drainage density	9.6790 km/km ²
Length of overland flow	51.659 m

CATCHMENT CLIMATOLOGY

