

Amadehi Dam

Location	22.6728° N, 78.4378° E
State	Madhya Pradesh
Nearest City	Piparia
Year of Completion	1974
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.4 m
Dam length	140.0 m
Reservoir Area	193411.0 m ²
Gross storage capacity	633000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.2 km ²
Perimeter of catchment	10.1 km
Basin Length	3904.7 m
Form factor	0.33939
Circularity ratio	0.63928
Elongation ratio	0.65714
Highest Stream order	4
Max elevation	565.0 m
Min elevation	378.0 m
Mean bifurcation ratio	2.7484
Stream frequency	83.2920 per km ²
Relief	187.00 m
Drainage density	11.0830 km/km ²
Length of overland flow	45.113 m

CATCHMENT CLIMATOLOGY

