

Amlipada-I Dam

Location	22.9125° N, 75.1322° E
State	Madhya Pradesh
Nearest City	Sardapur
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.3 m
Dam length	610.0 m
Reservoir Area	468000.0 m ²
Gross storage capacity	1999000.0 m ³
Effective storage capacity	1796000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.9 km ²
Perimeter of catchment	13.5 km
Basin Length	4965.2 m
Form factor	0.32032
Circularity ratio	0.54528
Elongation ratio	0.63841
Highest Stream order	5
Max elevation	551.0 m
Min elevation	485.0 m
Mean bifurcation ratio	2.6095
Stream frequency	71.5450 per km ²
Relief	66.00 m
Drainage density	9.0280 km/km ²
Length of overland flow	55.383 m

CATCHMENT CLIMATOLOGY

