

Ambakui Dam

Location	21.1286° N, 70.4631° E
State	Gujarat
Nearest City	Maliya Hatina
Year of Completion	1977
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Ambakui
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	1620.0 m
Reservoir Area	685691.0 m ²
Gross storage capacity	1720000.0 m ³
Effective storage capacity	1520000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.0 km ²
Perimeter of catchment	23.1 km
Basin Length	9067.6 m
Form factor	0.25569
Circularity ratio	0.49440
Elongation ratio	0.57039
Highest Stream order	6
Max elevation	244.0 m
Min elevation	114.0 m
Mean bifurcation ratio	2.1016
Stream frequency	79.3870 per km ²
Relief	130.00 m
Drainage density	10.9390 km/km ²
Length of overland flow	45.709 m

CATCHMENT CLIMATOLOGY

Data not available.