

Amipur Dam

Location	21.4128° N, 69.9683° E
State	Gujarat
Nearest City	Porbandar
Year of Completion	1989
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Veghali
Dam Type	Earthfill Embankment
Height above lowest foundation level	7.6 m
Dam length	10769.0 m
Reservoir Area	15810000.0 m ²
Gross storage capacity	29450000.0 m ³
Effective storage capacity	27040000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.1 km ²
Perimeter of catchment	13.9 km
Basin Length	4831.5 m
Form factor	0.21846
Circularity ratio	0.33021
Elongation ratio	0.52723
Highest Stream order	4
Max elevation	12.0 m
Min elevation	4.0 m
Mean bifurcation ratio	2.8444
Stream frequency	83.1430 per km ²
Relief	8.00 m
Drainage density	10.9980 km/km ²
Length of overland flow	45.463 m

CATCHMENT CLIMATOLOGY

Data not available.