

Revania Dam

Location	22.2061° N, 71.3567° E
State	Gujarat
Nearest City	Jasdan
Year of Completion	1882
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Goma
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	554.0 m
Reservoir Area	870901.0 m ²
Gross storage capacity	2182000.0 m ³
Effective storage capacity	2182000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.0 km ²
Perimeter of catchment	12.5 km
Basin Length	4316.0 m
Form factor	0.43185
Circularity ratio	0.64922
Elongation ratio	0.74127
Highest Stream order	5
Max elevation	212.0 m
Min elevation	179.0 m
Mean bifurcation ratio	3.6071
Stream frequency	73.4670 per km ²
Relief	33.00 m
Drainage density	9.4790 km/km ²
Length of overland flow	52.746 m

CATCHMENT CLIMATOLOGY

