

Govana Dam

Location	22.0000° N, 69.8833° E
State	Gujarat
Nearest City	Lalpur
Year of Completion	2003
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local Voklo
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.7 m
Dam length	2461.0 m
Reservoir Area	1930000.0 m ²
Gross storage capacity	3800000.0 m ³
Effective storage capacity	2910000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.5 km ²
Perimeter of catchment	8.0 km
Basin Length	2352.4 m
Form factor	0.62696
Circularity ratio	0.68924
Elongation ratio	0.89316
Highest Stream order	4
Max elevation	118.0 m
Min elevation	96.0 m
Mean bifurcation ratio	2.5794
Stream frequency	72.6350 per km ²
Relief	22.00 m
Drainage density	9.1200 km/km ²
Length of overland flow	54.823 m

CATCHMENT CLIMATOLOGY

Data not available.