

## Juran Dam

Location	23.4667° N, 69.8333° E
State	Gujarat
Nearest City	Bhuj
Year of Completion	1946
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Jhuran
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	625.0 m
Reservoir Area	8159556.0 m <sup>2</sup>
Gross storage capacity	930000.0 m <sup>3</sup>
Effective storage capacity	883000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.7 km <sup>2</sup>
Perimeter of catchment	9.0 km
Basin Length	3425.1 m
Form factor	0.23275
Circularity ratio	0.42670
Elongation ratio	0.54420
Highest Stream order	3
Max elevation	9.0 m
Min elevation	4.0 m
Mean bifurcation ratio	2.5749
Stream frequency	74.7140 per km <sup>2</sup>
Relief	5.00 m
Drainage density	9.0930 km/km <sup>2</sup>
Length of overland flow	54.990 m

## CATCHMENT CLIMATOLOGY

