

## Pratappura Dam

Location	22.4864° N, 73.3939° E
State	Gujarat
Nearest City	Waghoriya
Year of Completion	1930
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Khari
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	2500.0 m
Reservoir Area	2600000.0 m <sup>2</sup>
Gross storage capacity	4120000.0 m <sup>3</sup>
Effective storage capacity	4120000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	75.1 km <sup>2</sup>
Perimeter of catchment	40.0 km
Basin Length	13905.0 m
Form factor	0.38851
Circularity ratio	0.58987
Elongation ratio	0.70309
Highest Stream order	6
Max elevation	721.0 m
Min elevation	63.0 m
Mean bifurcation ratio	2.3642
Stream frequency	73.7500 per km <sup>2</sup>
Relief	658.00 m
Drainage density	9.7300 km/km <sup>2</sup>
Length of overland flow	51.389 m

## CATCHMENT CLIMATOLOGY

