

## Piprala Dam

Location	21.2333° N, 71.0000° E
State	Gujarat
Nearest City	Dhari Mahal
Year of Completion	1965
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Piparala
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	570000.0 m <sup>2</sup>
Gross storage capacity	1362000.0 m <sup>3</sup>
Effective storage capacity	1137000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.3 km <sup>2</sup>
Perimeter of catchment	26.3 km
Basin Length	8749.9 m
Form factor	0.33029
Circularity ratio	0.46078
Elongation ratio	0.64827
Highest Stream order	6
Max elevation	461.0 m
Min elevation	278.0 m
Mean bifurcation ratio	2.3721
Stream frequency	75.3350 per km <sup>2</sup>
Relief	183.00 m
Drainage density	10.1140 km/km <sup>2</sup>
Length of overland flow	49.435 m

## CATCHMENT CLIMATOLOGY

