

## Jawala Dam

Location	22.5575° N, 73.2394° E
State	Gujarat
Nearest City	Savli
Year of Completion	Not Available
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	T-Narmada
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	2622.0 m
Reservoir Area	608000.0 m <sup>2</sup>
Gross storage capacity	1480000.0 m <sup>3</sup>
Effective storage capacity	1450000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.4 km <sup>2</sup>
Perimeter of catchment	27.0 km
Basin Length	8118.6 m
Form factor	0.41510
Circularity ratio	0.47218
Elongation ratio	0.72675
Highest Stream order	6
Max elevation	78.0 m
Min elevation	48.0 m
Mean bifurcation ratio	2.0955
Stream frequency	74.3060 per km <sup>2</sup>
Relief	30.00 m
Drainage density	9.9020 km/km <sup>2</sup>
Length of overland flow	50.497 m

## CATCHMENT CLIMATOLOGY

