

Titodi Dam

Location	23.1697° N, 74.1172° E
State	Gujarat
Nearest City	Zalod
Year of Completion	1957
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Titodi
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.0 m
Dam length	1798.0 m
Reservoir Area	1200000.0 m ²
Gross storage capacity	3560000.0 m ³
Effective storage capacity	3376000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.2 km ²
Perimeter of catchment	8.2 km
Basin Length	2263.7 m
Form factor	0.62092
Circularity ratio	0.59961
Elongation ratio	0.88885
Highest Stream order	5
Max elevation	312.0 m
Min elevation	273.0 m
Mean bifurcation ratio	3.3269
Stream frequency	71.9690 per km ²
Relief	39.00 m
Drainage density	8.8590 km/km ²
Length of overland flow	56.442 m

CATCHMENT CLIMATOLOGY

