

## Talvada Dam

Location	23.3294° N, 73.7344° E
State	Gujarat
Nearest City	Santrampur
Year of Completion	1983
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.5 m
Dam length	312.0 m
Reservoir Area	3200000.0 m <sup>2</sup>
Gross storage capacity	824000.0 m <sup>3</sup>
Effective storage capacity	600000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.9 km <sup>2</sup>
Perimeter of catchment	8.2 km
Basin Length	2189.1 m
Form factor	0.61460
Circularity ratio	0.55326
Elongation ratio	0.88431
Highest Stream order	4
Max elevation	188.0 m
Min elevation	116.0 m
Mean bifurcation ratio	2.3047
Stream frequency	79.1100 per km <sup>2</sup>
Relief	72.00 m
Drainage density	9.7410 km/km <sup>2</sup>
Length of overland flow	51.328 m

## CATCHMENT CLIMATOLOGY

