

Tidki Dam

Location	22.6578° N, 73.9225° E
State	Gujarat
Nearest City	D Baria
Year of Completion	1971
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	119.0 m
Reservoir Area	675000.0 m ²
Gross storage capacity	1790000.0 m ³
Effective storage capacity	1527000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km ²
Perimeter of catchment	11.5 km
Basin Length	3560.2 m
Form factor	0.55019
Circularity ratio	0.65922
Elongation ratio	0.83670
Highest Stream order	5
Max elevation	334.0 m
Min elevation	191.0 m
Mean bifurcation ratio	2.8033
Stream frequency	81.5900 per km ²
Relief	143.00 m
Drainage density	11.2720 km/km ²
Length of overland flow	44.356 m

CATCHMENT CLIMATOLOGY

