

## Faddanbeti Dam

Location	22.2494° N, 71.0233° E
State	Gujarat
Nearest City	Rajkot
Year of Completion	1997
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Beti
Dam Type	Other
Height above lowest foundation level	14.4 m
Dam length	4760.0 m
Reservoir Area	2933000.0 m <sup>2</sup>
Gross storage capacity	5890000.0 m <sup>3</sup>
Effective storage capacity	5368000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	104.7 km <sup>2</sup>
Perimeter of catchment	52.0 km
Basin Length	17998.0 m
Form factor	0.32326
Circularity ratio	0.48659
Elongation ratio	0.64133
Highest Stream order	6
Max elevation	302.0 m
Min elevation	181.0 m
Mean bifurcation ratio	2.1670
Stream frequency	74.2200 per km <sup>2</sup>
Relief	121.00 m
Drainage density	9.9680 km/km <sup>2</sup>
Length of overland flow	50.163 m

## CATCHMENT CLIMATOLOGY

