

## Khadoi Dam

Location	23.0525° N, 69.9078° E
State	Gujarat
Nearest City	Anjar
Year of Completion	2001
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Khedoi
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.3 m
Dam length	650.0 m
Reservoir Area	814000.0 m <sup>2</sup>
Gross storage capacity	2380000.0 m <sup>3</sup>
Effective storage capacity	2056000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	71.1 km <sup>2</sup>
Perimeter of catchment	40.7 km
Basin Length	12798.0 m
Form factor	0.43393
Circularity ratio	0.53843
Elongation ratio	0.74305
Highest Stream order	6
Max elevation	189.0 m
Min elevation	65.0 m
Mean bifurcation ratio	2.4085
Stream frequency	74.4290 per km <sup>2</sup>
Relief	124.00 m
Drainage density	9.8580 km/km <sup>2</sup>
Length of overland flow	50.722 m

## CATCHMENT CLIMATOLOGY

