

## Baukha Dam

Location	23.3142° N, 69.5636° E
State	Gujarat
Nearest City	Bhuj
Year of Completion	1976
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Kayla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	468.0 m
Reservoir Area	46727.0 m <sup>2</sup>
Gross storage capacity	550000.0 m <sup>3</sup>
Effective storage capacity	550000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.6 km <sup>2</sup>
Perimeter of catchment	15.2 km
Basin Length	5145.2 m
Form factor	0.36400
Circularity ratio	0.52328
Elongation ratio	0.68055
Highest Stream order	5
Max elevation	178.0 m
Min elevation	87.0 m
Mean bifurcation ratio	3.3784
Stream frequency	80.3210 per km <sup>2</sup>
Relief	91.00 m
Drainage density	10.4440 km/km <sup>2</sup>
Length of overland flow	47.872 m

## CATCHMENT CLIMATOLOGY

