

## Dangra Dam

Location	22.3947° N, 70.4792° E
State	Gujarat
Nearest City	Dhrol
Year of Completion	1988
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Ghelo
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	120.0 m
Reservoir Area	452806.0 m <sup>2</sup>
Gross storage capacity	2185000.0 m <sup>3</sup>
Effective storage capacity	2185000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	46.1 km <sup>2</sup>
Perimeter of catchment	30.7 km
Basin Length	10339.0 m
Form factor	0.43130
Circularity ratio	0.61360
Elongation ratio	0.74080
Highest Stream order	6
Max elevation	111.0 m
Min elevation	62.0 m
Mean bifurcation ratio	3.0526
Stream frequency	68.6460 per km <sup>2</sup>
Relief	49.00 m
Drainage density	8.8130 km/km <sup>2</sup>
Length of overland flow	56.735 m

## CATCHMENT CLIMATOLOGY

