

## Gajod Dam

Location	23.0169° N, 69.5614° E
State	Gujarat
Nearest City	Bhuj
Year of Completion	1955
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Nagmati
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	403.0 m
Reservoir Area	2380000.0 m <sup>2</sup>
Gross storage capacity	10680000.0 m <sup>3</sup>
Effective storage capacity	9860000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	167.3 km <sup>2</sup>
Perimeter of catchment	69.1 km
Basin Length	22765.0 m
Form factor	0.32275
Circularity ratio	0.44031
Elongation ratio	0.64082
Highest Stream order	7
Max elevation	279.0 m
Min elevation	73.0 m
Mean bifurcation ratio	2.1029
Stream frequency	79.0520 per km <sup>2</sup>
Relief	206.00 m
Drainage density	10.8560 km/km <sup>2</sup>
Length of overland flow	46.056 m

## CATCHMENT CLIMATOLOGY

