

## Bithan Dam

Location	24.7592° N, 72.4381° E
State	Rajasthan
Nearest City	Bhinmal
Year of Completion	1963
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Banas
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	706.0 m
Reservoir Area	2080000.0 m <sup>2</sup>
Gross storage capacity	7200000.0 m <sup>3</sup>
Effective storage capacity	6000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.6 km <sup>2</sup>
Perimeter of catchment	14.9 km
Basin Length	5441.8 m
Form factor	0.39017
Circularity ratio	0.65168
Elongation ratio	0.70459
Highest Stream order	5
Max elevation	931.0 m
Min elevation	300.0 m
Mean bifurcation ratio	2.5176
Stream frequency	90.0130 per km <sup>2</sup>
Relief	631.00 m
Drainage density	13.1790 km/km <sup>2</sup>
Length of overland flow	37.940 m

## CATCHMENT CLIMATOLOGY

