

## Navabhetali Dam

Location	23.7703° N, 73.3139° E
State	Gujarat
Nearest City	Bhiloda
Year of Completion	1981
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local Vangha
Dam Type	Other
Height above lowest foundation level	15.0 m
Dam length	25.0 m
Reservoir Area	54753.0 m <sup>2</sup>
Gross storage capacity	282000.0 m <sup>3</sup>
Effective storage capacity	282000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.9 km <sup>2</sup>
Perimeter of catchment	7.4 km
Basin Length	1929.5 m
Form factor	0.77596
Circularity ratio	0.65645
Elongation ratio	0.99364
Highest Stream order	4
Max elevation	383.0 m
Min elevation	236.0 m
Mean bifurcation ratio	2.9290
Stream frequency	83.4190 per km <sup>2</sup>
Relief	147.00 m
Drainage density	11.1800 km/km <sup>2</sup>
Length of overland flow	44.722 m

## CATCHMENT CLIMATOLOGY

