

## Vartu li Dam

Location	21.9233° N, 69.7050° E
State	Gujarat
Nearest City	Bhanvad
Year of Completion	2000
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Vartu
Dam Type	Other
Height above lowest foundation level	15.4 m
Dam length	3471.8 m
Reservoir Area	8850000.0 m <sup>2</sup>
Gross storage capacity	25600000.0 m <sup>3</sup>
Effective storage capacity	24033000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	597.2 km <sup>2</sup>
Perimeter of catchment	119.4 km
Basin Length	34634.0 m
Form factor	0.49791
Circularity ratio	0.52684
Elongation ratio	0.79594
Highest Stream order	8
Max elevation	531.0 m
Min elevation	25.0 m
Mean bifurcation ratio	2.3444
Stream frequency	70.6250 per km <sup>2</sup>
Relief	506.00 m
Drainage density	9.2780 km/km <sup>2</sup>
Length of overland flow	53.891 m

## CATCHMENT CLIMATOLOGY

Data not available.