

## Sardar Sarover Dam

Location	21.8297° N, 73.7514° E
State	Gujarat
Nearest City	Rajpipla
Year of Completion	2017
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	Narmada
Dam Type	Other
Height above lowest foundation level	163.0 m
Dam length	1210.0 m
Reservoir Area	348670000.0 m <sup>2</sup>
Gross storage capacity	9500000000.0 m <sup>3</sup>
Effective storage capacity	5800000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	87068.0 km <sup>2</sup>
Perimeter of catchment	3124.6 km
Basin Length	898630.0 m
Form factor	0.10782
Circularity ratio	0.11210
Elongation ratio	0.37039
Highest Stream order	11
Max elevation	1302.0 m
Min elevation	15.0 m
Mean bifurcation ratio	2.0614
Stream frequency	75.6390 per km <sup>2</sup>
Relief	1287.00 m
Drainage density	10.3370 km/km <sup>2</sup>
Length of overland flow	48.370 m

## CATCHMENT CLIMATOLOGY

