

## Sapda Dam

Location	22.3875° N, 70.2211° E
State	Gujarat
Nearest City	Jamnagar
Year of Completion	1963
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Bhageri
Dam Type	Other
Height above lowest foundation level	20.5 m
Dam length	1828.0 m
Reservoir Area	2440000.0 m <sup>2</sup>
Gross storage capacity	7110000.0 m <sup>3</sup>
Effective storage capacity	6550000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	51.2 km <sup>2</sup>
Perimeter of catchment	33.1 km
Basin Length	12182.0 m
Form factor	0.34483
Circularity ratio	0.58782
Elongation ratio	0.66239
Highest Stream order	6
Max elevation	106.0 m
Min elevation	37.0 m
Mean bifurcation ratio	2.1402
Stream frequency	73.2190 per km <sup>2</sup>
Relief	69.00 m
Drainage density	9.6100 km/km <sup>2</sup>
Length of overland flow	52.029 m

## CATCHMENT CLIMATOLOGY

