

## Sukhpur Dam

Location	21.2178° N, 70.9683° E
State	Gujarat
Nearest City	Dhari
Year of Completion	Not Available
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Unmatia
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	135900.0 m <sup>2</sup>
Gross storage capacity	514000.0 m <sup>3</sup>
Effective storage capacity	458000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.1 km <sup>2</sup>
Perimeter of catchment	10.9 km
Basin Length	3544.6 m
Form factor	0.48680
Circularity ratio	0.64720
Elongation ratio	0.78702
Highest Stream order	5
Max elevation	399.0 m
Min elevation	308.0 m
Mean bifurcation ratio	2.3853
Stream frequency	78.1540 per km <sup>2</sup>
Relief	91.00 m
Drainage density	10.2850 km/km <sup>2</sup>
Length of overland flow	48.613 m

## CATCHMENT CLIMATOLOGY

