

## Sasoi Dam

Location	22.3408° N, 69.9542° E
State	Gujarat
Nearest City	Lalpur
Year of Completion	1954
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Sasoi
Dam Type	Other
Height above lowest foundation level	20.0 m
Dam length	3767.0 m
Reservoir Area	14680000.0 m <sup>2</sup>
Gross storage capacity	51000000.0 m <sup>3</sup>
Effective storage capacity	46750000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.5 km <sup>2</sup>
Perimeter of catchment	26.2 km
Basin Length	11086.0 m
Form factor	0.21563
Circularity ratio	0.48577
Elongation ratio	0.52380
Highest Stream order	5
Max elevation	66.0 m
Min elevation	14.0 m
Mean bifurcation ratio	9.6767
Stream frequency	72.1090 per km <sup>2</sup>
Relief	52.00 m
Drainage density	9.4110 km/km <sup>2</sup>
Length of overland flow	53.131 m

## CATCHMENT CLIMATOLOGY

Data not available.