

Senjal Dam

Location	21.3236° N, 71.4294° E
State	Gujarat
Nearest City	S.Kundala
Year of Completion	1973
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Fulzar
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	300000.0 m ²
Gross storage capacity	1000000.0 m ³
Effective storage capacity	1000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.6 km ²
Perimeter of catchment	14.7 km
Basin Length	4639.7 m
Form factor	0.53675
Circularity ratio	0.67224
Elongation ratio	0.82641
Highest Stream order	5
Max elevation	226.0 m
Min elevation	140.0 m
Mean bifurcation ratio	3.1534
Stream frequency	73.4770 per km ²
Relief	86.00 m
Drainage density	9.6310 km/km ²
Length of overland flow	51.914 m

CATCHMENT CLIMATOLOGY

