

Kaswati Dam

Location	23.3806° N, 69.8989° E
State	Gujarat
Nearest City	Bhuj
Year of Completion	1976
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Kaswati
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	1455.0 m
Reservoir Area	1950000.0 m ²
Gross storage capacity	8880000.0 m ³
Effective storage capacity	8230000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	68.9 km ²
Perimeter of catchment	44.1 km
Basin Length	13574.0 m
Form factor	0.37416
Circularity ratio	0.44597
Elongation ratio	0.68998
Highest Stream order	6
Max elevation	268.0 m
Min elevation	31.0 m
Mean bifurcation ratio	2.3912
Stream frequency	83.0180 per km ²
Relief	237.00 m
Drainage density	11.6040 km/km ²
Length of overland flow	43.087 m

CATCHMENT CLIMATOLOGY

