

Khambhala Dam

Location	21.7458° N, 69.7625° E
State	Gujarat
Nearest City	Ranavav
Year of Completion	1901
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Torania
Dam Type	Earthfill Embankment
Height above lowest foundation level	69.0 m
Dam length	2250.0 m
Reservoir Area	3324.0 m ²
Gross storage capacity	15410000.0 m ³
Effective storage capacity	15350000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.9 km ²
Perimeter of catchment	32.2 km
Basin Length	9514.8 m
Form factor	0.30806
Circularity ratio	0.33796
Elongation ratio	0.62608
Highest Stream order	6
Max elevation	311.0 m
Min elevation	77.0 m
Mean bifurcation ratio	4.7343
Stream frequency	83.9750 per km ²
Relief	234.00 m
Drainage density	11.9600 km/km ²
Length of overland flow	41.805 m

CATCHMENT CLIMATOLOGY

