

Ingorala Dam

Location	21.2197° N, 71.1878° E
State	Gujarat
Nearest City	Khamba
Year of Completion	1985
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Dedumal
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	314600.0 m ²
Gross storage capacity	890110.0 m ³
Effective storage capacity	745100.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.8 km ²
Perimeter of catchment	19.4 km
Basin Length	7366.0 m
Form factor	0.27228
Circularity ratio	0.49138
Elongation ratio	0.58859
Highest Stream order	5
Max elevation	378.0 m
Min elevation	259.0 m
Mean bifurcation ratio	2.2877
Stream frequency	74.5270 per km ²
Relief	119.00 m
Drainage density	10.1240 km/km ²
Length of overland flow	49.387 m

CATCHMENT CLIMATOLOGY

