

Dhobiwara Dam

Location	21.9500° N, 71.1833° E
State	Gujarat
Nearest City	Babara
Year of Completion	1961
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	1279160.0 m ²
Gross storage capacity	1579000.0 m ³
Effective storage capacity	1252000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.5 km ²
Perimeter of catchment	15.0 km
Basin Length	5227.8 m
Form factor	0.42065
Circularity ratio	0.64257
Elongation ratio	0.73159
Highest Stream order	4
Max elevation	222.0 m
Min elevation	190.0 m
Mean bifurcation ratio	2.2139
Stream frequency	74.3720 per km ²
Relief	32.00 m
Drainage density	9.8370 km/km ²
Length of overland flow	50.827 m

CATCHMENT CLIMATOLOGY

