

Wandh Dam

Location	23.3381° N, 69.4000° E
State	Gujarat
Nearest City	Bhuj
Year of Completion	1950
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Khari
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	765.2 m
Reservoir Area	165200.0 m ²
Gross storage capacity	820000.0 m ³
Effective storage capacity	780000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.0 km ²
Perimeter of catchment	6.1 km
Basin Length	1415.7 m
Form factor	0.98947
Circularity ratio	0.67421
Elongation ratio	1.12200
Highest Stream order	4
Max elevation	125.0 m
Min elevation	99.0 m
Mean bifurcation ratio	2.5120
Stream frequency	87.2360 per km ²
Relief	26.00 m
Drainage density	11.6410 km/km ²
Length of overland flow	42.952 m

CATCHMENT CLIMATOLOGY

