

Wandh Dam

Location	23.3731° N, 69.7136° 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	400.0 m
Reservoir Area	4410571.0 m ²
Gross storage capacity	806000.0 m ³
Effective storage capacity	781000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	572.1 km ²
Perimeter of catchment	133.7 km
Basin Length	33699.0 m
Form factor	0.50381
Circularity ratio	0.40251
Elongation ratio	0.80065
Highest Stream order	8
Max elevation	305.0 m
Min elevation	25.0 m
Mean bifurcation ratio	2.8751
Stream frequency	77.3660 per km ²
Relief	280.00 m
Drainage density	10.5780 km/km ²
Length of overland flow	47.269 m

CATCHMENT CLIMATOLOGY

