

Kharedi Dam

Location	22.8708° N, 74.2925° E
State	Gujarat
Nearest City	Dahod
Year of Completion	1939
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	600.0 m
Reservoir Area	770000.0 m ²
Gross storage capacity	425000.0 m ³
Effective storage capacity	380000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.4 km ²
Perimeter of catchment	15.3 km
Basin Length	5289.6 m
Form factor	0.37229
Circularity ratio	0.56079
Elongation ratio	0.68826
Highest Stream order	5
Max elevation	337.0 m
Min elevation	272.0 m
Mean bifurcation ratio	3.5959
Stream frequency	74.4000 per km ²
Relief	65.00 m
Drainage density	9.8770 km/km ²
Length of overland flow	50.622 m

CATCHMENT CLIMATOLOGY

