

Odarka Dam

Location	21.5078° N, 72.1628° E
State	Gujarat
Nearest City	Ghogha Mahal
Year of Completion	1968
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	768.7 m
Reservoir Area	397360.0 m ²
Gross storage capacity	2220000.0 m ³
Effective storage capacity	2220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.9 km ²
Perimeter of catchment	25.3 km
Basin Length	9646.5 m
Form factor	0.21396
Circularity ratio	0.39045
Elongation ratio	0.52176
Highest Stream order	5
Max elevation	216.0 m
Min elevation	55.0 m
Mean bifurcation ratio	2.1905
Stream frequency	74.0340 per km ²
Relief	161.00 m
Drainage density	9.9340 km/km ²
Length of overland flow	50.333 m

CATCHMENT CLIMATOLOGY

Data not available.