

Dhariya Dam

Location	22.4586° N, 73.6661° E
State	Gujarat
Nearest City	Halol
Year of Completion	1989
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	44.0 m
Dam length	227.0 m
Reservoir Area	381000.0 m ²
Gross storage capacity	2010000.0 m ³
Effective storage capacity	1773000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.4 km ²
Perimeter of catchment	15.8 km
Basin Length	4997.9 m
Form factor	0.37783
Circularity ratio	0.47358
Elongation ratio	0.69336
Highest Stream order	5
Max elevation	297.0 m
Min elevation	134.0 m
Mean bifurcation ratio	2.6588
Stream frequency	77.8800 per km ²
Relief	163.00 m
Drainage density	10.3400 km/km ²
Length of overland flow	48.357 m

CATCHMENT CLIMATOLOGY

