

Kaliakuva Dam

Location	22.7519° N, 73.7203° E
State	Gujarat
Nearest City	Godhara
Year of Completion	1981
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.3 m
Dam length	593.5 m
Reservoir Area	43500.0 m ²
Gross storage capacity	944000.0 m ³
Effective storage capacity	944000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.5 km ²
Perimeter of catchment	11.9 km
Basin Length	3565.7 m
Form factor	0.51457
Circularity ratio	0.57675
Elongation ratio	0.80916
Highest Stream order	5
Max elevation	186.0 m
Min elevation	151.0 m
Mean bifurcation ratio	2.8555
Stream frequency	76.5770 per km ²
Relief	35.00 m
Drainage density	10.1110 km/km ²
Length of overland flow	49.450 m

CATCHMENT CLIMATOLOGY

