

Sevaniya Dam

Location	22.5461° N, 73.9966° E
State	Gujarat
Nearest City	D.Baria
Year of Completion	1973
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	610.0 m
Reservoir Area	375000.0 m ²
Gross storage capacity	540000.0 m ³
Effective storage capacity	510000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.5 km ²
Perimeter of catchment	21.5 km
Basin Length	7136.6 m
Form factor	0.48152
Circularity ratio	0.66655
Elongation ratio	0.78274
Highest Stream order	6
Max elevation	524.0 m
Min elevation	227.0 m
Mean bifurcation ratio	5.4233
Stream frequency	77.2690 per km ²
Relief	297.00 m
Drainage density	10.3410 km/km ²
Length of overland flow	48.353 m

CATCHMENT CLIMATOLOGY

