

Baldeva Dam

Location	21.6158° N, 73.4081° E
State	Gujarat
Nearest City	Valia
Year of Completion	1979
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	Tokari
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.4 m
Dam length	1391.0 m
Reservoir Area	1690000.0 m ²
Gross storage capacity	8150000.0 m ³
Effective storage capacity	7840000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.3 km ²
Perimeter of catchment	22.2 km
Basin Length	5085.6 m
Form factor	0.94113
Circularity ratio	0.62060
Elongation ratio	1.09430
Highest Stream order	5
Max elevation	203.0 m
Min elevation	125.0 m
Mean bifurcation ratio	2.6047
Stream frequency	74.8120 per km ²
Relief	78.00 m
Drainage density	9.9020 km/km ²
Length of overland flow	50.493 m

CATCHMENT CLIMATOLOGY

