

Baliyawad Dam

Location	21.5925° N, 70.5669° E
State	Gujarat
Nearest City	Junagadh
Year of Completion	1999
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Baliyawada
Dam Type	Other
Height above lowest foundation level	13.4 m
Dam length	39.0 m
Reservoir Area	442210.0 m ²
Gross storage capacity	1546540.0 m ³
Effective storage capacity	1479220.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.8 km ²
Perimeter of catchment	12.9 km
Basin Length	5019.9 m
Form factor	0.30772
Circularity ratio	0.58562
Elongation ratio	0.62573
Highest Stream order	5
Max elevation	602.0 m
Min elevation	109.0 m
Mean bifurcation ratio	3.6071
Stream frequency	92.5910 per km ²
Relief	493.00 m
Drainage density	13.4230 km/km ²
Length of overland flow	37.249 m

CATCHMENT CLIMATOLOGY

