

Baladhor Dam

Location	23.2219° N, 69.1750° E
State	Gujarat
Nearest City	Abdasa
Year of Completion	1956
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Naira
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.8 m
Dam length	330.0 m
Reservoir Area	710705.0 m ²
Gross storage capacity	5010000.0 m ³
Effective storage capacity	5010000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	51.0 km ²
Perimeter of catchment	34.4 km
Basin Length	12691.0 m
Form factor	0.31650
Circularity ratio	0.54236
Elongation ratio	0.63459
Highest Stream order	6
Max elevation	233.0 m
Min elevation	99.0 m
Mean bifurcation ratio	2.0764
Stream frequency	77.9170 per km ²
Relief	134.00 m
Drainage density	10.5760 km/km ²
Length of overland flow	47.275 m

CATCHMENT CLIMATOLOGY

