

Bharad Dam

Location	21.3839° N, 71.0186° E
State	Gujarat
Nearest City	Dhari
Year of Completion	1983
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Bharadia
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	127220.0 m ²
Gross storage capacity	917000.0 m ³
Effective storage capacity	818000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.2 km ²
Perimeter of catchment	16.1 km
Basin Length	5826.2 m
Form factor	0.27129
Circularity ratio	0.44433
Elongation ratio	0.58753
Highest Stream order	4
Max elevation	240.0 m
Min elevation	190.0 m
Mean bifurcation ratio	5.6117
Stream frequency	68.0860 per km ²
Relief	50.00 m
Drainage density	8.5710 km/km ²
Length of overland flow	58.339 m

CATCHMENT CLIMATOLOGY

