

Bhekhado Dam

Location	23.5953° N, 68.7317° E
State	Gujarat
Nearest City	Dayapar
Year of Completion	1977
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local River
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	531.9 m
Reservoir Area	570624.0 m ²
Gross storage capacity	1180000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.4 km ²
Perimeter of catchment	7.3 km
Basin Length	2450.4 m
Form factor	0.56468
Circularity ratio	0.79235
Elongation ratio	0.84764
Highest Stream order	5
Max elevation	101.0 m
Min elevation	63.0 m
Mean bifurcation ratio	2.1734
Stream frequency	82.8750 per km ²
Relief	38.00 m
Drainage density	11.2120 km/km ²
Length of overland flow	44.595 m

CATCHMENT CLIMATOLOGY

