

Bedi M.I Dam

Location	22.3497° N, 70.8336° E
State	Gujarat
Nearest City	Rajkot
Year of Completion	1981
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	T-Demi
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.9 m
Dam length	1095.0 m
Reservoir Area	560000.0 m ²
Gross storage capacity	1250000.0 m ³
Effective storage capacity	940000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.4 km ²
Perimeter of catchment	26.0 km
Basin Length	8480.3 m
Form factor	0.42321
Circularity ratio	0.56712
Elongation ratio	0.73382
Highest Stream order	6
Max elevation	173.0 m
Min elevation	118.0 m
Mean bifurcation ratio	3.8689
Stream frequency	71.5280 per km ²
Relief	55.00 m
Drainage density	9.1780 km/km ²
Length of overland flow	54.476 m

CATCHMENT CLIMATOLOGY

