

Bendiyabeli Dam

Location	22.6181° N, 71.8594° E
State	Gujarat
Nearest City	Chotila
Year of Completion	1974
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Maha
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	810.0 m
Reservoir Area	56595.0 m ²
Gross storage capacity	2637000.0 m ³
Effective storage capacity	2257000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	9.3 km
Basin Length	3685.8 m
Form factor	0.19024
Circularity ratio	0.37588
Elongation ratio	0.49200
Highest Stream order	3
Max elevation	40.0 m
Min elevation	30.0 m
Mean bifurcation ratio	1.9009
Stream frequency	73.9020 per km ²
Relief	10.00 m
Drainage density	8.7560 km/km ²
Length of overland flow	57.107 m

CATCHMENT CLIMATOLOGY

