

Mulbavla Dam

Location	22.7403° N, 71.9736° E
State	Gujarat
Nearest City	Limdi
Year of Completion	1977
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.5 m
Dam length	9735.0 m
Reservoir Area	61594.0 m ²
Gross storage capacity	6020000.0 m ³
Effective storage capacity	4840000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	152.1 km ²
Perimeter of catchment	90.7 km
Basin Length	38168.0 m
Form factor	0.10439
Circularity ratio	0.23223
Elongation ratio	0.36445
Highest Stream order	7
Max elevation	75.0 m
Min elevation	7.0 m
Mean bifurcation ratio	2.3167
Stream frequency	69.0910 per km ²
Relief	68.00 m
Drainage density	8.8050 km/km ²
Length of overland flow	56.788 m

CATCHMENT CLIMATOLOGY

