

Demi li Dam

Location	22.7069° N, 70.7297° E
State	Gujarat
Nearest City	Morbi
Year of Completion	1989
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Demi
Dam Type	Other
Height above lowest foundation level	15.9 m
Dam length	3210.0 m
Reservoir Area	10230000.0 m ²
Gross storage capacity	18907000.0 m ³
Effective storage capacity	17540000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	428.3 km ²
Perimeter of catchment	118.1 km
Basin Length	44909.0 m
Form factor	0.21237
Circularity ratio	0.38582
Elongation ratio	0.51982
Highest Stream order	7
Max elevation	168.0 m
Min elevation	41.0 m
Mean bifurcation ratio	2.6007
Stream frequency	67.7760 per km ²
Relief	127.00 m
Drainage density	8.6650 km/km ²
Length of overland flow	57.704 m

CATCHMENT CLIMATOLOGY

