

Limla Dam

Location	23.4025° N, 72.8511° E
State	Gujarat
Nearest City	Prantij
Year of Completion	1912
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Khari
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	427.0 m
Reservoir Area	1700000.0 m ²
Gross storage capacity	8350000.0 m ³
Effective storage capacity	8350000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	40.8 km ²
Perimeter of catchment	40.6 km
Basin Length	14610.0 m
Form factor	0.19108
Circularity ratio	0.31137
Elongation ratio	0.49308
Highest Stream order	6
Max elevation	135.0 m
Min elevation	96.0 m
Mean bifurcation ratio	3.0771
Stream frequency	72.6210 per km ²
Relief	39.00 m
Drainage density	9.3890 km/km ²
Length of overland flow	53.254 m

CATCHMENT CLIMATOLOGY

