

Laloi Dam

Location	22.0500° N, 70.9000° E
State	Gujarat
Nearest City	Kalavad
Year of Completion	1990
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Fulzar
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	80.0 m
Reservoir Area	3236987.0 m ²
Gross storage capacity	1980000.0 m ³
Effective storage capacity	1880000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	65.3 km ²
Perimeter of catchment	39.0 km
Basin Length	12295.0 m
Form factor	0.43182
Circularity ratio	0.54059
Elongation ratio	0.74124
Highest Stream order	6
Max elevation	234.0 m
Min elevation	155.0 m
Mean bifurcation ratio	2.6563
Stream frequency	74.8310 per km ²
Relief	79.00 m
Drainage density	10.0840 km/km ²
Length of overland flow	49.581 m

CATCHMENT CLIMATOLOGY

