

Laloi Dam

Location	22.2225° N, 70.2297° 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	1765.0 m
Reservoir Area	14373.0 m ²
Gross storage capacity	890000.0 m ³
Effective storage capacity	890000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.5 km ²
Perimeter of catchment	21.6 km
Basin Length	8469.6 m
Form factor	0.22939
Circularity ratio	0.44263
Elongation ratio	0.54026
Highest Stream order	5
Max elevation	210.0 m
Min elevation	111.0 m
Mean bifurcation ratio	2.2415
Stream frequency	74.0180 per km ²
Relief	99.00 m
Drainage density	9.7200 km/km ²
Length of overland flow	51.443 m

CATCHMENT CLIMATOLOGY

