

Lank Dam

Location	23.1478° N, 73.2475° E
State	Gujarat
Nearest City	Bayad
Year of Completion	2004
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Dhamani
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.8 m
Dam length	159.5 m
Reservoir Area	3210000.0 m ²
Gross storage capacity	6650000.0 m ³
Effective storage capacity	6330000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	63.8 km ²
Perimeter of catchment	35.9 km
Basin Length	14132.0 m
Form factor	0.31963
Circularity ratio	0.62424
Elongation ratio	0.63772
Highest Stream order	6
Max elevation	167.0 m
Min elevation	105.0 m
Mean bifurcation ratio	2.5155
Stream frequency	74.6760 per km ²
Relief	62.00 m
Drainage density	9.8380 km/km ²
Length of overland flow	50.823 m

CATCHMENT CLIMATOLOGY

