

Likhala Dam

Location	21.2764° N, 71.4583° E
State	Gujarat
Nearest City	Savarkundla
Year of Completion	1978
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Dhamni
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.6 m
Dam length	1636.8 m
Reservoir Area	160000.0 m ²
Gross storage capacity	584800.0 m ³
Effective storage capacity	507560.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.2 km ²
Perimeter of catchment	14.4 km
Basin Length	5127.2 m
Form factor	0.34914
Circularity ratio	0.55500
Elongation ratio	0.66651
Highest Stream order	4
Max elevation	228.0 m
Min elevation	163.0 m
Mean bifurcation ratio	2.2861
Stream frequency	75.2870 per km ²
Relief	65.00 m
Drainage density	9.6180 km/km ²
Length of overland flow	51.986 m

CATCHMENT CLIMATOLOGY

