

Kaliakota Dam

Location	22.9339° N, 73.9703° E
State	Gujarat
Nearest City	Limkheda
Year of Completion	1980
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	River
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	242.0 m
Reservoir Area	205000.0 m ²
Gross storage capacity	938000.0 m ³
Effective storage capacity	745000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	14.4 km
Basin Length	5631.0 m
Form factor	0.22674
Circularity ratio	0.43373
Elongation ratio	0.53712
Highest Stream order	5
Max elevation	303.0 m
Min elevation	189.0 m
Mean bifurcation ratio	2.6056
Stream frequency	77.6150 per km ²
Relief	114.00 m
Drainage density	10.7500 km/km ²
Length of overland flow	46.510 m

CATCHMENT CLIMATOLOGY

