

Khokhala Dam

Location	23.6000° N, 72.1000° E
State	Gujarat
Nearest City	Chanasma
Year of Completion	Not Available
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	2640.0 m
Reservoir Area	1094669.0 m ²
Gross storage capacity	1197000.0 m ³
Effective storage capacity	1197000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.2 km ²
Perimeter of catchment	31.5 km
Basin Length	12612.0 m
Form factor	0.15211
Circularity ratio	0.30601
Elongation ratio	0.43993
Highest Stream order	5
Max elevation	66.0 m
Min elevation	45.0 m
Mean bifurcation ratio	2.6750
Stream frequency	75.7640 per km ²
Relief	21.00 m
Drainage density	9.8280 km/km ²
Length of overland flow	50.874 m

CATCHMENT CLIMATOLOGY

