

Karol Dam

Location	23.3508° N, 72.8456° E
State	Gujarat
Nearest City	Prantij
Year of Completion	1956
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Bokh
Dam Type	Other
Height above lowest foundation level	13.1 m
Dam length	714.0 m
Reservoir Area	7500000.0 m ²
Gross storage capacity	8300000.0 m ³
Effective storage capacity	7500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	98.1 km ²
Perimeter of catchment	58.6 km
Basin Length	20583.0 m
Form factor	0.23144
Circularity ratio	0.35951
Elongation ratio	0.54266
Highest Stream order	6
Max elevation	135.0 m
Min elevation	87.0 m
Mean bifurcation ratio	2.3839
Stream frequency	74.1140 per km ²
Relief	48.00 m
Drainage density	9.7610 km/km ²
Length of overland flow	51.226 m

CATCHMENT CLIMATOLOGY

