

Kalubhar Dam

Location	21.8614° N, 71.6289° E
State	Gujarat
Nearest City	Gadhada
Year of Completion	1958
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Kalubhar
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.3 m
Dam length	4970.0 m
Reservoir Area	9620000.0 m ²
Gross storage capacity	26110000.0 m ³
Effective storage capacity	24590000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	696.6 km ²
Perimeter of catchment	134.2 km
Basin Length	44962.0 m
Form factor	0.34456
Circularity ratio	0.48619
Elongation ratio	0.66213
Highest Stream order	8
Max elevation	291.0 m
Min elevation	42.0 m
Mean bifurcation ratio	2.2878
Stream frequency	67.4460 per km ²
Relief	249.00 m
Drainage density	8.6610 km/km ²
Length of overland flow	57.731 m

CATCHMENT CLIMATOLOGY

