

Kelia Dam

Location	20.7011° N, 73.2792° E
State	Gujarat
Nearest City	Vansada
Year of Completion	1983
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Tapi
River	Kharera
Dam Type	Other
Height above lowest foundation level	28.1 m
Dam length	814.0 m
Reservoir Area	3180000.0 m ²
Gross storage capacity	18100000.0 m ³
Effective storage capacity	17350000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.0 km ²
Perimeter of catchment	23.8 km
Basin Length	6821.9 m
Form factor	0.60229
Circularity ratio	0.62048
Elongation ratio	0.87541
Highest Stream order	6
Max elevation	353.0 m
Min elevation	90.0 m
Mean bifurcation ratio	5.0416
Stream frequency	81.4500 per km ²
Relief	263.00 m
Drainage density	11.5350 km/km ²
Length of overland flow	43.346 m

CATCHMENT CLIMATOLOGY

