

## Fulra Dam

Location	23.2811° N, 69.4661° E
State	Gujarat
Nearest City	Abdasa
Year of Completion	1954
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Trambo Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	750.0 m
Reservoir Area	232000.0 m <sup>2</sup>
Gross storage capacity	2722000.0 m <sup>3</sup>
Effective storage capacity	2701000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.7 km <sup>2</sup>
Perimeter of catchment	20.6 km
Basin Length	7284.5 m
Form factor	0.33448
Circularity ratio	0.52417
Elongation ratio	0.65237
Highest Stream order	5
Max elevation	210.0 m
Min elevation	130.0 m
Mean bifurcation ratio	3.2084
Stream frequency	79.4420 per km <sup>2</sup>
Relief	80.00 m
Drainage density	10.5820 km/km <sup>2</sup>
Length of overland flow	47.252 m

## CATCHMENT CLIMATOLOGY

