

## Reshamadi Galol Dam

Location	21.6350° N, 70.7281° E
State	Gujarat
Nearest City	Jetpur
Year of Completion	1992
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	T-Bhadr
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	171.0 m
Reservoir Area	1200000.0 m <sup>2</sup>
Gross storage capacity	2947000.0 m <sup>3</sup>
Effective storage capacity	2500000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	46.9 km <sup>2</sup>
Perimeter of catchment	32.5 km
Basin Length	13267.0 m
Form factor	0.26630
Circularity ratio	0.55837
Elongation ratio	0.58209
Highest Stream order	6
Max elevation	181.0 m
Min elevation	114.0 m
Mean bifurcation ratio	2.3117
Stream frequency	75.3360 per km <sup>2</sup>
Relief	67.00 m
Drainage density	10.0460 km/km <sup>2</sup>
Length of overland flow	49.772 m

## CATCHMENT CLIMATOLOGY

