

Ramgadbo Dam

Location	22.5375° N, 70.9278° E
State	Gujarat
Nearest City	Wankaner
Year of Completion	1972
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Tdemi
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	600000.0 m ²
Gross storage capacity	8700000.0 m ³
Effective storage capacity	770000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.1 km ²
Perimeter of catchment	14.8 km
Basin Length	5541.9 m
Form factor	0.32914
Circularity ratio	0.58042
Elongation ratio	0.64714
Highest Stream order	5
Max elevation	210.0 m
Min elevation	122.0 m
Mean bifurcation ratio	2.3901
Stream frequency	76.3680 per km ²
Relief	88.00 m
Drainage density	10.1860 km/km ²
Length of overland flow	49.087 m

CATCHMENT CLIMATOLOGY

