

Ravana Dam

Location	21.2231° N, 70.9881° E
State	Gujarat
Nearest City	Dhari Mahal
Year of Completion	1977
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Rampuri
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	94706.0 m ²
Gross storage capacity	1490000.0 m ³
Effective storage capacity	1233000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.6 km ²
Perimeter of catchment	24.3 km
Basin Length	7014.4 m
Form factor	0.47980
Circularity ratio	0.50378
Elongation ratio	0.78134
Highest Stream order	6
Max elevation	461.0 m
Min elevation	287.0 m
Mean bifurcation ratio	3.0420
Stream frequency	75.1050 per km ²
Relief	174.00 m
Drainage density	10.0690 km/km ²
Length of overland flow	49.656 m

CATCHMENT CLIMATOLOGY

