

Raval Dam

Location	21.0428° N, 71.0672° E
State	Gujarat
Nearest City	Una.
Year of Completion	1980
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Ravi
Dam Type	Other
Height above lowest foundation level	53.0 m
Dam length	940.0 m
Reservoir Area	2460000.0 m ²
Gross storage capacity	26734000.0 m ³
Effective storage capacity	24005000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	184.7 km ²
Perimeter of catchment	71.3 km
Basin Length	21796.0 m
Form factor	0.38865
Circularity ratio	0.45688
Elongation ratio	0.70322
Highest Stream order	7
Max elevation	437.0 m
Min elevation	115.0 m
Mean bifurcation ratio	2.2639
Stream frequency	74.1800 per km ²
Relief	322.00 m
Drainage density	9.9290 km/km ²
Length of overland flow	50.357 m

CATCHMENT CLIMATOLOGY

