

Utavali (Gunda) Dam

Location	22.1958° N, 71.7922° E
State	Gujarat
Nearest City	Ranpur
Year of Completion	1999
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Utavali
Dam Type	Other
Height above lowest foundation level	10.6 m
Dam length	5080.0 m
Reservoir Area	5252000.0 m ²
Gross storage capacity	9010000.0 m ³
Effective storage capacity	6910000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	198.4 km ²
Perimeter of catchment	80.6 km
Basin Length	28660.0 m
Form factor	0.24153
Circularity ratio	0.38383
Elongation ratio	0.55436
Highest Stream order	7
Max elevation	157.0 m
Min elevation	42.0 m
Mean bifurcation ratio	2.1690
Stream frequency	68.8960 per km ²
Relief	115.00 m
Drainage density	8.8420 km/km ²
Length of overland flow	56.546 m

CATCHMENT CLIMATOLOGY

