

Zanzarwa Dam

Location	24.3383° N, 72.5514° E
State	Gujarat
Nearest City	Palanpur
Year of Completion	1976
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	T Of Banas
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.0 m
Dam length	335.0 m
Reservoir Area	3459000.0 m ²
Gross storage capacity	1663000.0 m ³
Effective storage capacity	1533000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.5 km ²
Perimeter of catchment	18.8 km
Basin Length	6904.5 m
Form factor	0.28365
Circularity ratio	0.47948
Elongation ratio	0.60076
Highest Stream order	5
Max elevation	449.0 m
Min elevation	206.0 m
Mean bifurcation ratio	2.4320
Stream frequency	84.6760 per km ²
Relief	243.00 m
Drainage density	12.0330 km/km ²
Length of overland flow	41.551 m

CATCHMENT CLIMATOLOGY

