

Thanagalol Dam

Location	21.7128° N, 70.7289° E
State	Gujarat
Nearest City	Jetpur
Year of Completion	1981
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Saloliavenkala
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	1913.0 m
Reservoir Area	4083494.0 m ²
Gross storage capacity	792000.0 m ³
Effective storage capacity	707000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	238.8 km ²
Perimeter of catchment	74.8 km
Basin Length	26396.0 m
Form factor	0.34272
Circularity ratio	0.53627
Elongation ratio	0.66035
Highest Stream order	7
Max elevation	196.0 m
Min elevation	92.0 m
Mean bifurcation ratio	3.7060
Stream frequency	74.2540 per km ²
Relief	104.00 m
Drainage density	10.0520 km/km ²
Length of overland flow	49.742 m

CATCHMENT CLIMATOLOGY

