

Aliyar Dam

Location	10.4822° N, 76.9678° E
State	Tamil Nadu
Nearest City	Pollachi.
Year of Completion	1962
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	West Coast
River	Aliyar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	44.0 m
Dam length	3200.0 m
Reservoir Area	6500000.0 m ²
Gross storage capacity	109420000.0 m ³
Effective storage capacity	109000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	202.4 km ²
Perimeter of catchment	83.8 km
Basin Length	24162.0 m
Form factor	0.34664
Circularity ratio	0.36181
Elongation ratio	0.66412
Highest Stream order	7
Max elevation	2481.0 m
Min elevation	277.0 m
Mean bifurcation ratio	2.3079
Stream frequency	87.2340 per km ²
Relief	2204.00 m
Drainage density	13.7480 km/km ²
Length of overland flow	36.369 m

CATCHMENT CLIMATOLOGY

