

Moyar Forebay Dam

Location	11.6014° N, 76.6889° E
State	Tamil Nadu
Nearest City	Uthagamandalam
Year of Completion	1951
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	Cauvery
River	Moyar
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	61430.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.6 km ²
Perimeter of catchment	32.2 km
Basin Length	12627.0 m
Form factor	0.20430
Circularity ratio	0.39574
Elongation ratio	0.50985
Highest Stream order	5
Max elevation	2162.0 m
Min elevation	865.0 m
Mean bifurcation ratio	2.5961
Stream frequency	83.7220 per km ²
Relief	1297.00 m
Drainage density	12.7820 km/km ²
Length of overland flow	39.117 m

CATCHMENT CLIMATOLOGY

