

Pykara New Forebay Dam

Location	11.4647° N, 76.6044° E
State	Tamil Nadu
Nearest City	Uthagamandalam
Year of Completion	1976
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	Cauvery
River	Pykara
Dam Type	Earthfill Embankment
Height above lowest foundation level	45.0 m
Dam length	236.0 m
Reservoir Area	2913301.0 m ²
Gross storage capacity	5850000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	98.8 km ²
Perimeter of catchment	50.3 km
Basin Length	14829.0 m
Form factor	0.44940
Circularity ratio	0.49043
Elongation ratio	0.75618
Highest Stream order	6
Max elevation	2550.0 m
Min elevation	2037.0 m
Mean bifurcation ratio	2.4335
Stream frequency	76.9540 per km ²
Relief	513.00 m
Drainage density	11.2610 km/km ²
Length of overland flow	44.399 m

CATCHMENT CLIMATOLOGY

