

Krishnagiri Dam

Location	12.4786° N, 78.1867° E
State	Tamil Nadu
Nearest City	Krishnagiri
Year of Completion	1958
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Ponnaiar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	29.3 m
Dam length	990.6 m
Reservoir Area	12480000.0 m ²
Gross storage capacity	47156000.0 m ³
Effective storage capacity	47156000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5357.9 km ²
Perimeter of catchment	460.6 km
Basin Length	127310.0 m
Form factor	0.33057
Circularity ratio	0.31742
Elongation ratio	0.64855
Highest Stream order	9
Max elevation	1458.0 m
Min elevation	455.0 m
Mean bifurcation ratio	3.4393
Stream frequency	74.7550 per km ²
Relief	1003.00 m
Drainage density	10.7130 km/km ²
Length of overland flow	46.671 m

CATCHMENT CLIMATOLOGY

