

Siruvani Dam

Location	10.9767° N, 76.6417° E
State	Kerala
Nearest City	Palakkad
Year of Completion	1984
Operated and Maintained by	Kerala Water Resources Department
River Basin	Cauvery
River	Siruvani
Dam Type	Masonry Gravity
Height above lowest foundation level	57.0 m
Dam length	224.0 m
Reservoir Area	1636000.0 m ²
Gross storage capacity	255000000.0 m ³
Effective storage capacity	184200000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.4 km ²
Perimeter of catchment	21.8 km
Basin Length	5198.0 m
Form factor	0.82740
Circularity ratio	0.59284
Elongation ratio	1.02600
Highest Stream order	6
Max elevation	2042.0 m
Min elevation	827.0 m
Mean bifurcation ratio	2.8451
Stream frequency	90.0010 per km ²
Relief	1215.00 m
Drainage density	14.1200 km/km ²
Length of overland flow	35.412 m

CATCHMENT CLIMATOLOGY

