

Kesarigullihalla Dam

Location	12.3111° N, 77.9450° E
State	Tamil Nadu
Nearest City	Palakkodu
Year of Completion	1985
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	K.Gulihalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.7 m
Dam length	1672.0 m
Reservoir Area	1053196.0 m ²
Gross storage capacity	3797002.4 m ³
Effective storage capacity	3568485.6 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	42.5 km ²
Perimeter of catchment	33.6 km
Basin Length	10290.0 m
Form factor	0.40148
Circularity ratio	0.47210
Elongation ratio	0.71473
Highest Stream order	6
Max elevation	1236.0 m
Min elevation	572.0 m
Mean bifurcation ratio	3.0930
Stream frequency	89.3980 per km ²
Relief	664.00 m
Drainage density	13.9130 km/km ²
Length of overland flow	35.938 m

CATCHMENT CLIMATOLOGY

