

Kulur Barrage (Pazhassi) Dam

Location	11.9794° N, 75.6092° E
State	Kerala
Nearest City	Kannur
Year of Completion	1979
Operated and Maintained by	Kerala Water Resources Department
River Basin	West Coast
River	Valapattanam
Dam Type	Barrage
Height above lowest foundation level	18.3 m
Dam length	245.0 m
Reservoir Area	6500000.0 m ²
Gross storage capacity	97500000.0 m ³
Effective storage capacity	97500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	958.6 km ²
Perimeter of catchment	176.2 km
Basin Length	41853.0 m
Form factor	0.54725
Circularity ratio	0.38822
Elongation ratio	0.83445
Highest Stream order	8
Max elevation	1570.0 m
Min elevation	10.0 m
Mean bifurcation ratio	2.9118
Stream frequency	78.7770 per km ²
Relief	1560.00 m
Drainage density	11.6970 km/km ²
Length of overland flow	42.746 m

CATCHMENT CLIMATOLOGY

