

Linganamakki Dam

Location	14.1756° N, 74.8464° E
State	Karnataka
Nearest City	Sagar
Year of Completion	1964
Operated and Maintained by	Karnataka Water Resources Department
River Basin	West Coast
River	Sharavathi.
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	61.3 m
Dam length	2749.3 m
Reservoir Area	317280000.0 m ²
Gross storage capacity	4435350000.0 m ³
Effective storage capacity	4293940000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1995.0 km ²
Perimeter of catchment	274.0 km
Basin Length	61721.0 m
Form factor	0.52369
Circularity ratio	0.33401
Elongation ratio	0.81630
Highest Stream order	9
Max elevation	1064.0 m
Min elevation	500.0 m
Mean bifurcation ratio	2.7647
Stream frequency	75.6420 per km ²
Relief	564.00 m
Drainage density	10.8910 km/km ²
Length of overland flow	45.910 m

CATCHMENT CLIMATOLOGY

