

## Nugu Dam

Location	11.9764° N, 76.4447° E
State	Karnataka
Nearest City	H.D.Kote
Year of Completion	1959
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Nugu
Dam Type	Other
Height above lowest foundation level	43.6 m
Dam length	637.6 m
Reservoir Area	2676000.0 m <sup>2</sup>
Gross storage capacity	154042000.0 m <sup>3</sup>
Effective storage capacity	138554330.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	988.6 km <sup>2</sup>
Perimeter of catchment	188.9 km
Basin Length	57213.0 m
Form factor	0.30203
Circularity ratio	0.34814
Elongation ratio	0.61992
Highest Stream order	8
Max elevation	1437.0 m
Min elevation	696.0 m
Mean bifurcation ratio	2.5408
Stream frequency	74.9200 per km <sup>2</sup>
Relief	741.00 m
Drainage density	10.8500 km/km <sup>2</sup>
Length of overland flow	46.083 m

## CATCHMENT CLIMATOLOGY

