

Marconahally Dam

Location	12.9333° N, 76.8803° E
State	Karnataka
Nearest City	Kunigal
Year of Completion	1940
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Shimsha Valley
Dam Type	Other
Height above lowest foundation level	22.3 m
Dam length	1812.0 m
Reservoir Area	13380000.0 m ²
Gross storage capacity	68000000.0 m ³
Effective storage capacity	64000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3447.0 km ²
Perimeter of catchment	400.1 km
Basin Length	76067.0 m
Form factor	0.59573
Circularity ratio	0.27071
Elongation ratio	0.87063
Highest Stream order	8
Max elevation	1264.0 m
Min elevation	713.0 m
Mean bifurcation ratio	2.1695
Stream frequency	72.1160 per km ²
Relief	551.00 m
Drainage density	10.1490 km/km ²
Length of overland flow	49.265 m

CATCHMENT CLIMATOLOGY

