

Kabini Dam

Location	11.9739° N, 76.3517° E
State	Karnataka
Nearest City	Heggodade Vankote
Year of Completion	1974
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Kabini
Dam Type	Composite Concrete and Earth fill
Height above lowest foundation level	59.4 m
Dam length	2732.5 m
Reservoir Area	64030000.0 m ²
Gross storage capacity	552740000.0 m ³
Effective storage capacity	453065000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2152.5 km ²
Perimeter of catchment	262.9 km
Basin Length	65370.0 m
Form factor	0.50372
Circularity ratio	0.39153
Elongation ratio	0.80058
Highest Stream order	8
Max elevation	1980.0 m
Min elevation	675.0 m
Mean bifurcation ratio	2.8840
Stream frequency	74.8410 per km ²
Relief	1305.00 m
Drainage density	10.8260 km/km ²
Length of overland flow	46.183 m

CATCHMENT CLIMATOLOGY

