

K.Honnamachanahalli Dam

Location	12.8867° N, 76.9844° E
State	Karnataka
Nearest City	Kunigal
Year of Completion	1952
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Local Halla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	630.0 m
Reservoir Area	1111000.0 m ²
Gross storage capacity	5210000.0 m ³
Effective storage capacity	4750000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	51.5 km ²
Perimeter of catchment	34.0 km
Basin Length	10083.0 m
Form factor	0.50621
Circularity ratio	0.56062
Elongation ratio	0.80256
Highest Stream order	5
Max elevation	939.0 m
Min elevation	694.0 m
Mean bifurcation ratio	2.3934
Stream frequency	76.2050 per km ²
Relief	245.00 m
Drainage density	10.9930 km/km ²
Length of overland flow	45.485 m

CATCHMENT CLIMATOLOGY

