

Hirehalla Dam

Location	15.4475° N, 76.1133° E
State	Karnataka
Nearest City	Koppal
Year of Completion	2002
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Hirehalla And Veerapurhalla
Dam Type	Other
Height above lowest foundation level	17.6 m
Dam length	3606.6 m
Reservoir Area	12470000.0 m ²
Gross storage capacity	47289134.0 m ³
Effective storage capacity	37095069.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	583.8 km ²
Perimeter of catchment	128.0 km
Basin Length	35936.0 m
Form factor	0.45204
Circularity ratio	0.44823
Elongation ratio	0.75840
Highest Stream order	7
Max elevation	703.0 m
Min elevation	534.0 m
Mean bifurcation ratio	2.1260
Stream frequency	72.3810 per km ²
Relief	169.00 m
Drainage density	10.0620 km/km ²
Length of overland flow	49.690 m

CATCHMENT CLIMATOLOGY

