

Hattikuni Dam

Location	16.8777° N, 77.1704° E
State	Karnataka
Nearest City	Yadgir
Year of Completion	1973
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Hattikuni
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.9 m
Dam length	923.0 m
Reservoir Area	1220000.0 m ²
Gross storage capacity	9970000.0 m ³
Effective storage capacity	7930000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	134.4 km ²
Perimeter of catchment	68.7 km
Basin Length	18697.0 m
Form factor	0.38438
Circularity ratio	0.35746
Elongation ratio	0.69934
Highest Stream order	7
Max elevation	651.0 m
Min elevation	393.0 m
Mean bifurcation ratio	4.1467
Stream frequency	76.4070 per km ²
Relief	258.00 m
Drainage density	10.8300 km/km ²
Length of overland flow	46.166 m

CATCHMENT CLIMATOLOGY

