

Harangi Dam

Location	12.4939° N, 75.9050° E
State	Karnataka
Nearest City	Somavarapet
Year of Completion	1982
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Harangi
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	53.0 m
Dam length	845.8 m
Reservoir Area	4715000.0 m ²
Gross storage capacity	240690000.0 m ³
Effective storage capacity	228600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	422.1 km ²
Perimeter of catchment	112.0 km
Basin Length	29420.0 m
Form factor	0.48764
Circularity ratio	0.42317
Elongation ratio	0.78770
Highest Stream order	8
Max elevation	1608.0 m
Min elevation	831.0 m
Mean bifurcation ratio	2.2500
Stream frequency	78.2410 per km ²
Relief	777.00 m
Drainage density	11.5380 km/km ²
Length of overland flow	43.334 m

CATCHMENT CLIMATOLOGY

