

Malaprabha Dam

Location	15.8211° N, 75.0961° E
State	Karnataka
Nearest City	Parasgad
Year of Completion	1972
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Malaprabha
Dam Type	Masonry Gravity
Height above lowest foundation level	43.1 m
Dam length	154.5 m
Reservoir Area	135780000.0 m ²
Gross storage capacity	1068000000.0 m ³
Effective storage capacity	830250000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2235.7 km ²
Perimeter of catchment	327.9 km
Basin Length	99653.0 m
Form factor	0.22513
Circularity ratio	0.26137
Elongation ratio	0.53522
Highest Stream order	8
Max elevation	1017.0 m
Min elevation	601.0 m
Mean bifurcation ratio	2.2333
Stream frequency	77.5930 per km ²
Relief	416.00 m
Drainage density	11.2200 km/km ²
Length of overland flow	44.563 m

CATCHMENT CLIMATOLOGY

