

## Amarja Dam

Location	17.4853° N, 76.5514° E
State	Karnataka
Nearest City	Aland
Year of Completion	1998
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Amarja
Dam Type	Composite Concrete and Earth fill
Height above lowest foundation level	31.9 m
Dam length	960.0 m
Reservoir Area	6410000.0 m <sup>2</sup>
Gross storage capacity	44010000.0 m <sup>3</sup>
Effective storage capacity	40070000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	550.2 km <sup>2</sup>
Perimeter of catchment	100.9 km
Basin Length	31328.0 m
Form factor	0.56064
Circularity ratio	0.67978
Elongation ratio	0.84460
Highest Stream order	8
Max elevation	602.0 m
Min elevation	443.0 m
Mean bifurcation ratio	2.3298
Stream frequency	78.6700 per km <sup>2</sup>
Relief	159.00 m
Drainage density	11.3560 km/km <sup>2</sup>
Length of overland flow	44.028 m

## CATCHMENT CLIMATOLOGY

