

Madakasira Dam

Location	13.9275° N, 77.2464° E
State	Andhra Pradesh
Nearest City	Madakasira
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	686.0 m
Reservoir Area	933000.0 m ²
Gross storage capacity	3972000.0 m ³
Effective storage capacity	3056000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48.2 km ²
Perimeter of catchment	33.7 km
Basin Length	8606.6 m
Form factor	0.65114
Circularity ratio	0.53403
Elongation ratio	0.91022
Highest Stream order	6
Max elevation	982.0 m
Min elevation	674.0 m
Mean bifurcation ratio	2.8778
Stream frequency	77.3140 per km ²
Relief	308.00 m
Drainage density	11.0770 km/km ²
Length of overland flow	45.138 m

CATCHMENT CLIMATOLOGY

