

Manchanabele Dam

Location	12.8750° N, 77.3361° E
State	Karnataka
Nearest City	Magadi
Year of Completion	1993
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Arkavathy
Dam Type	Other
Height above lowest foundation level	38.7 m
Dam length	362.2 m
Reservoir Area	3650000.0 m ²
Gross storage capacity	34580000.0 m ³
Effective storage capacity	30044000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1601.2 km ²
Perimeter of catchment	232.4 km
Basin Length	68944.0 m
Form factor	0.33686
Circularity ratio	0.37275
Elongation ratio	0.65469
Highest Stream order	8
Max elevation	1416.0 m
Min elevation	712.0 m
Mean bifurcation ratio	2.1855
Stream frequency	75.5110 per km ²
Relief	704.00 m
Drainage density	10.8540 km/km ²
Length of overland flow	46.065 m

CATCHMENT CLIMATOLOGY

